



# ANTICIPATORY ACTION IN 2024

A GLOBAL OVERVIEW

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## Acronyms and abbreviations

|                   |                                                                                                   |               |                                                                    |
|-------------------|---------------------------------------------------------------------------------------------------|---------------|--------------------------------------------------------------------|
| <b>AATF</b>       | Anticipatory Action Task Force                                                                    | <b>IOM</b>    | International Organization for Migration                           |
| <b>ACF</b>        | Action Contre La Faim (also known as Action Against Hunger)                                       | <b>IRC</b>    | International Rescue Committee                                     |
| <b>AHP</b>        | Australian Humanitarian Partnership                                                               | <b>kg</b>     | kilogram                                                           |
| <b>AI</b>         | artificial intelligence                                                                           | <b>km</b>     | kilometre                                                          |
| <b>BMD</b>        | Bangladesh Meteorological Department                                                              | <b>MENA</b>   | Middle East and North Africa                                       |
| <b>CBM</b>        | Christian Blind Mission                                                                           | <b>MoDMR</b>  | Ministry of Disaster Management and Relief                         |
| <b>CBPF</b>       | Country-Based Pooled Fund                                                                         | <b>nd</b>     | no date                                                            |
| <b>CEPREDENAC</b> | Coordination Centre for the Prevention of Disasters in Central America and the Dominican Republic | <b>NDMO</b>   | National Disaster Management Office                                |
| <b>CERF</b>       | Central Emergency Response Fund                                                                   | <b>NDRRMA</b> | National Disaster Risk Reduction and Management Authority          |
| <b>CLARE</b>      | Climate Adaptation & Resilience programme                                                         | <b>NGO</b>    | non-governmental organization                                      |
| <b>CPP</b>        | Cyclone Preparedness Program                                                                      | <b>OCHA</b>   | United Nations Office for the Coordination of Humanitarian Affairs |
| <b>CRS</b>        | Catholic Relief Services                                                                          | <b>P-FIM</b>  | People-First Impact Method                                         |
| <b>DREF</b>       | Disaster Response Emergency Fund                                                                  | <b>RAAWG</b>  | Regional Anticipatory Action Working Group                         |
| <b>EAP</b>        | early action protocol                                                                             | <b>SADC</b>   | Southern African Development Community                             |
| <b>ECHO</b>       | European Civil Protection and Humanitarian Aid Operations                                         | <b>SoH</b>    | Sign of Hope e.V./Hoffnungszeichen                                 |
| <b>EW4All</b>     | Early Warnings for All                                                                            | <b>tbd</b>    | to be determined                                                   |
| <b>FAO</b>        | Food and Agriculture Organization of the United Nations                                           | <b>TWGAA</b>  | Asia-Pacific Technical Working Group on Anticipatory Action        |
| <b>FACTZ</b>      | Farm Community Trust of Zimbabwe                                                                  | <b>UN</b>     | United Nations                                                     |
| <b>GFFO</b>       | German Federal Foreign Office                                                                     | <b>UNFPA</b>  | United Nations Population Fund                                     |
| <b>GTAA LAC</b>   | Grupo Técnico de Acción Anticipatoria para América Latina y el Caribe                             | <b>UNHCR</b>  | United Nations High Commissioner for Refugees                      |
| <b>IASC</b>       | Inter-agency Standing Committee                                                                   | <b>UNICEF</b> | United Nations Children's Fund                                     |
| <b>ICPAC</b>      | IGAD Climate Prediction and Applications Centre                                                   | <b>US</b>     | United States of America                                           |
| <b>ICRC</b>       | International Committee of the Red Cross                                                          | <b>WAHAFA</b> | Welthungerhilfe Anticipatory Humanitarian Action Facility          |
| <b>IFRC</b>       | International Federation of Red Cross and Red Crescent Societies                                  | <b>WASH</b>   | water, sanitation and hygiene                                      |
| <b>IGAD</b>       | Intergovernmental Authority on Development                                                        | <b>WFP</b>    | World Food Programme                                               |
| <b>INGD</b>       | Instituto Nacional de Gestão e Redução do Risco de Desastres                                      | <b>WHH</b>    | Welthungerhilfe                                                    |
|                   |                                                                                                   | <b>WHO</b>    | World Health Organization                                          |
|                   |                                                                                                   | <b>WVI</b>    | World Vision International                                         |

Acronyms and abbreviations used only in the data tables are listed in Annex 2.



Repairing connecting roads and embankments under a cash-for-work intervention in Bangladesh.  
© Uttaran


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This report is the Anticipation Hub’s third annual overview of anticipatory action. Drawing upon desk research conducted during 2024 and 2025 to map anticipatory action activations and frameworks worldwide, it was written by the Anticipation Hub, with contributions from several of its partners. If you are involved in anticipatory action and have data to include in future editions, please get in touch: [anticipation-hub@drk.de](mailto:anticipation-hub@drk.de)



### Box 1. What is anticipatory action?

Anticipatory action is defined as acting ahead of a predicted hazardous event to prevent or reduce the impacts on lives, livelihoods and humanitarian needs before they fully unfold. This works best when activities, as well as trigger thresholds or decision-making rules, are pre-agreed, and decisions are made to guarantee the fast release of pre-arranged funding ([IASC 2024](#) .

Anticipatory action has proven to be an effective and efficient approach to prevent and reduce human suffering from predictable shocks before they unfold. This is increasingly important against the backdrop of decreasing humanitarian funding, persistent needs driven by escalating and protracted conflicts, and the expanding impact of the climate crisis. Moreover, anticipatory action has proven to have the potential to promote accountability to affected populations and to strengthen localized and locally led approaches ([Ibid.](#) .

For further information, visit: [tinyurl.com/3yt3zxp](https://tinyurl.com/3yt3zxp) .

## 1. Introduction

Anticipatory action continues to increase in scale worldwide. The data presented in this report, collated from many of the organizations active in the sector, shows that in 2024:

- there were **121 activations** in **45 countries**, supported by financing worth **110.7 million US dollars**
- there were **154 active frameworks** in **48 countries**; combined, these outline anticipatory actions that protect **13.1 million people** before a hazard occurs, with pre-agreed financing in place worth **248 million US dollars**
- a further **197 frameworks** were being developed in **76 countries**.

The number of **activations** in 2024 increased compared to 2023, when there were 98 activations, and 2022 (47). The amount of financing decreased by 87.3 million US dollars (the amount in 2023 was 198 million US dollars) but was more than twice the 53.8 million US dollars released in 2022.

The number of **active frameworks** increased for the second consecutive year, rising from 107 in 2023 and 70 in 2022. The number of **frameworks under development** also continued to rise, increasing from 133 frameworks in 2023 and 97 in 2022. Overall, these trends demonstrate that anticipatory action has grown significantly over the three years covered by this report series.

As well as presenting evidence of this growth, this report explores some of the factors behind it. A prominent focus during 2024 was institutionalization: the process of integrating and embedding anticipatory action within government systems for disaster risk management, and ensuring that it is led and sustained by government actors.<sup>1</sup> This report presents the results of an initial mapping exercise to gauge the level of institutionalization around the world ([Section 3.3](#)), including initial insights into the factors that have facilitated this. A case study from Bangladesh ([Section 2.2](#)) provides an example of how governments can lead the implementation of anticipatory action in a country.

At the same time, many people around the world faced complex and protracted crises in 2024, where hazards

<sup>1</sup> This is also referred to as mainstreaming anticipatory action.

## Box 2. From struggle to sustainability: my experience with anticipatory action in Zimbabwe

Life here is a daily struggle. People in my village have to share water sources with livestock, a situation that became worse during the El Niño-induced drought. People from surrounding villages came here, as ours was the only available water source. We also worried about the survival of our livestock during the drought, as the pastures became more depleted every day.

Things changed when Welthungerhilfe (WHH) and the Farm Community Trust of Zimbabwe (FCTZ) began the WHH Anticipatory Humanitarian Action Facility (WAHAFA) project here. I took part in the community engagement meetings as a representative for people with disabilities. We worked in groups to identify and prioritize the hazards that affect our community. Drought is our main concern.

Next, we established the community's most critical needs when hazards strike. Many of these relate to livestock; cattle are a symbol of wealth here, while goats are a ready source of income. Together, we identified the actions we could

take ahead of a drought, such as supplementary feeding for livestock, as well as deworming and dipping.

This experience – developing anticipatory actions that will support our community – was the first time that people with disabilities were given equal status to other social groups. Our contributions were included, meaning everyone's voice was heard and our concerns were addressed. In the future, anticipatory action will be instrumental in ensuring that our community's needs are met when hazards threaten us. And, as a person with a disability, I am proud to have been part of this process.

**Mamera Kadzingsayi**,  
a communal farmer in Jurujena B village, Mashonaland Central Province, Zimbabwe



overlapped and compounded each other. Encouragingly, there is growing evidence that anticipatory action can add value in these challenging environments (**Section 3.2**). Anticipatory action can also help to address conflict-driven humanitarian needs, as a case study from South Sudan demonstrates (**Section 2.2**).

Overall, anticipatory action continues to evolve to meet the dynamic realities people face around the world. In this respect, another dominant theme in 2024 – the push for better coordination within countries and regions – provides optimism. **Section 4** identifies the steps needed for anticipatory action to address the challenges ahead, while also evolving to become more sustainable and support more people ahead of predictable hazards in the coming years.

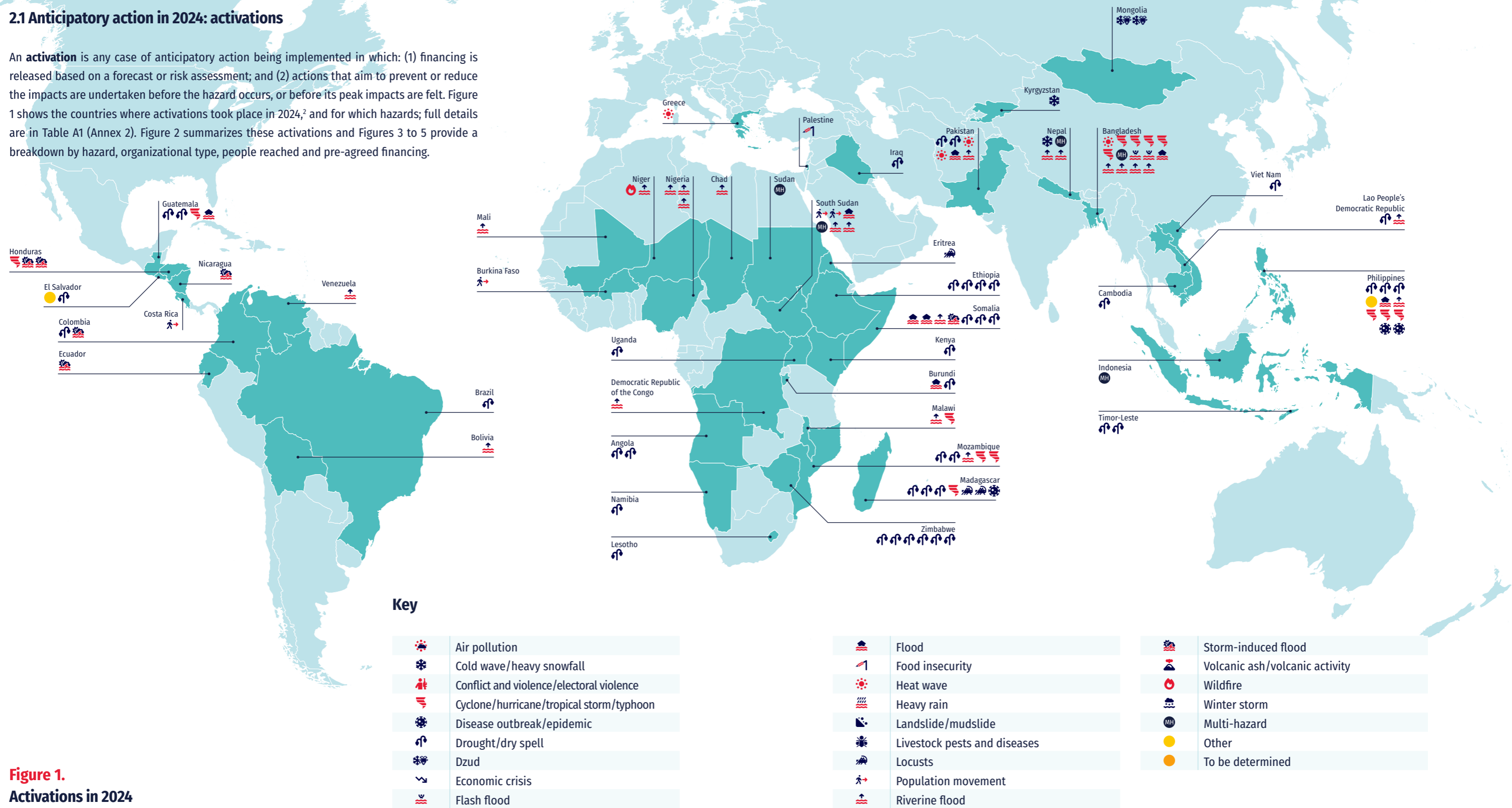


Nel Madoda, an agricultural extension officer, checks if the mix of fertilizer, urea, salt and molasses are dissolving, as part of a urea-stover treatment in Mbire, Zimbabwe. WHH supports farmers through anticipatory actions that reduce the impacts of livestock deaths. © Tendai Marima/WHH  
Portrait photo (above) © John Tapera/WHH

## 2. Anticipatory action in 2024

### 2.1 Anticipatory action in 2024: activations

An **activation** is any case of anticipatory action being implemented in which: (1) financing is released based on a forecast or risk assessment; and (2) actions that aim to prevent or reduce the impacts are undertaken before the hazard occurs, or before its peak impacts are felt. Figure 1 shows the countries where activations took place in 2024,<sup>2</sup> and for which hazards; full details are in Table A1 (Annex 2). Figure 2 summarizes these activations and Figures 3 to 5 provide a breakdown by hazard, organizational type, people reached and pre-agreed financing.



**Figure 1.**  
Activations in 2024

<sup>2</sup> This includes activations that began in 2024 and continued into 2025 (i.e., for slow-onset hazards).

In previous editions, this map was Figure 5. Some categories that were separate in previous reports have been merged this year, based on expert advice.

**Figure 2.**  
Activations in 2024:  
in numbers

In  
**2024** ...

\* Not all actions require the same level of financial input to reach people; these figures should therefore not be used for cost-per-person calculations.  
\*\* The total amount of financing released is lower than the amount in 2023 (198 million US dollars), despite an increase in the number of activations. This could be due to a higher number of small-scale activations and fewer large-scale activations.  
\*\*\* This should be considered as a minimum number.

...there were  
**121**  
activations



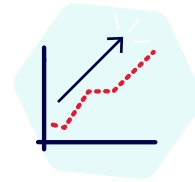
...over  
**17**  
million people were reached  
through anticipatory action\*



...funding worth  
**110.7**  
million US dollars  
was released \*\*



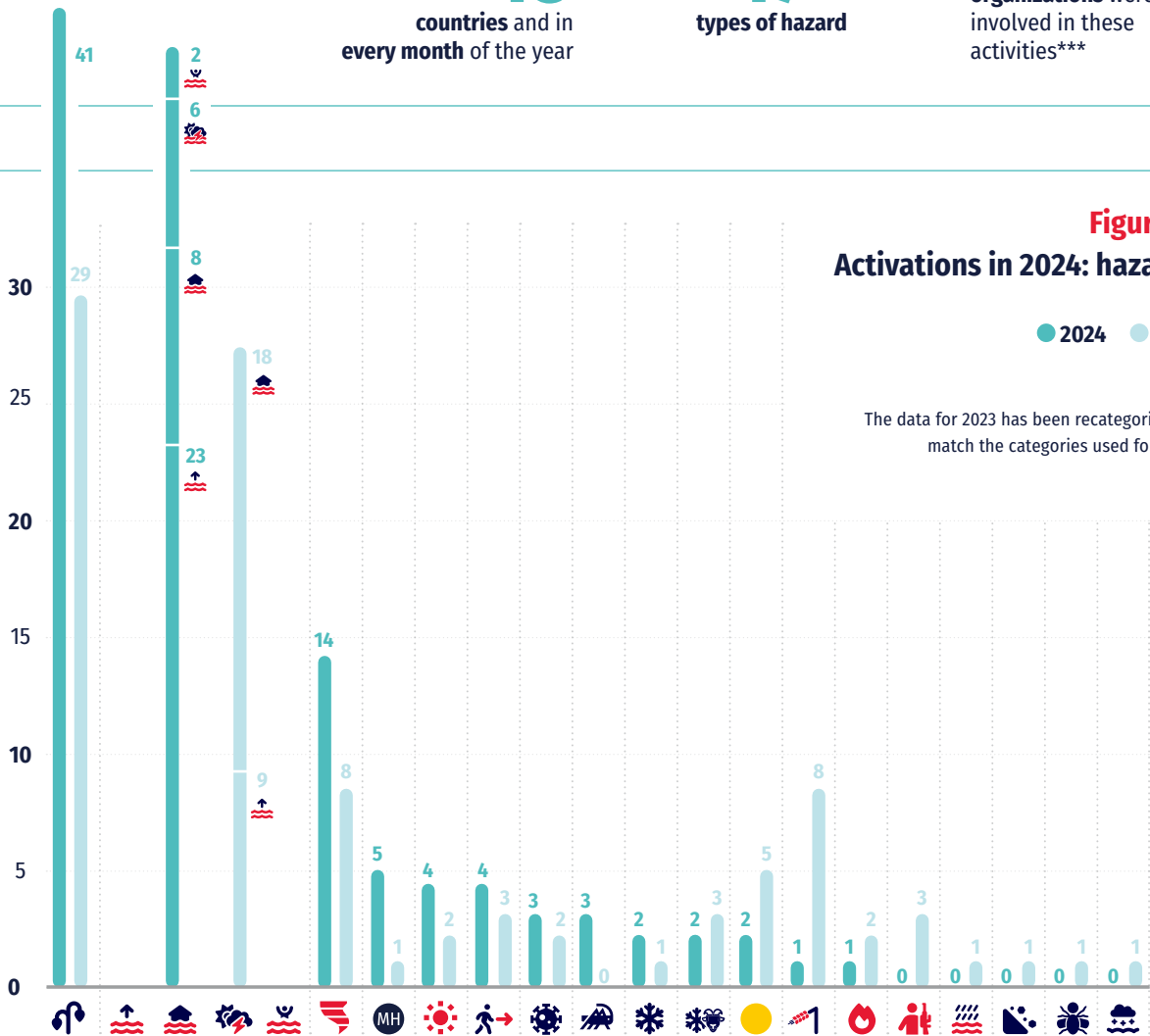
...activations  
took place in  
**45**  
countries and in  
every month of the year



...anticipatory actions were  
implemented ahead of  
**17**  
types of hazard



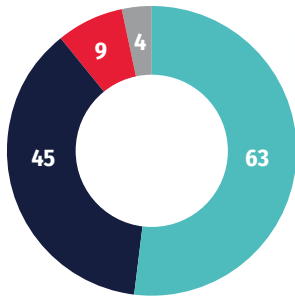
...at least  
**285**  
organizations were  
involved in these  
activities\*\*\*



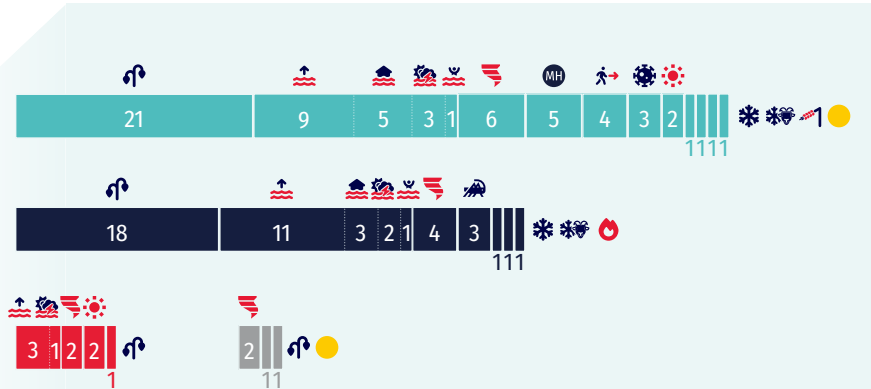
**Figure 4. Activations in 2024: organizations**

Activations by organizational type\*

- NGO/non-profit
- UN
- Red Cross Red Crescent
- Multi-partner



Activations by organizational type and hazard

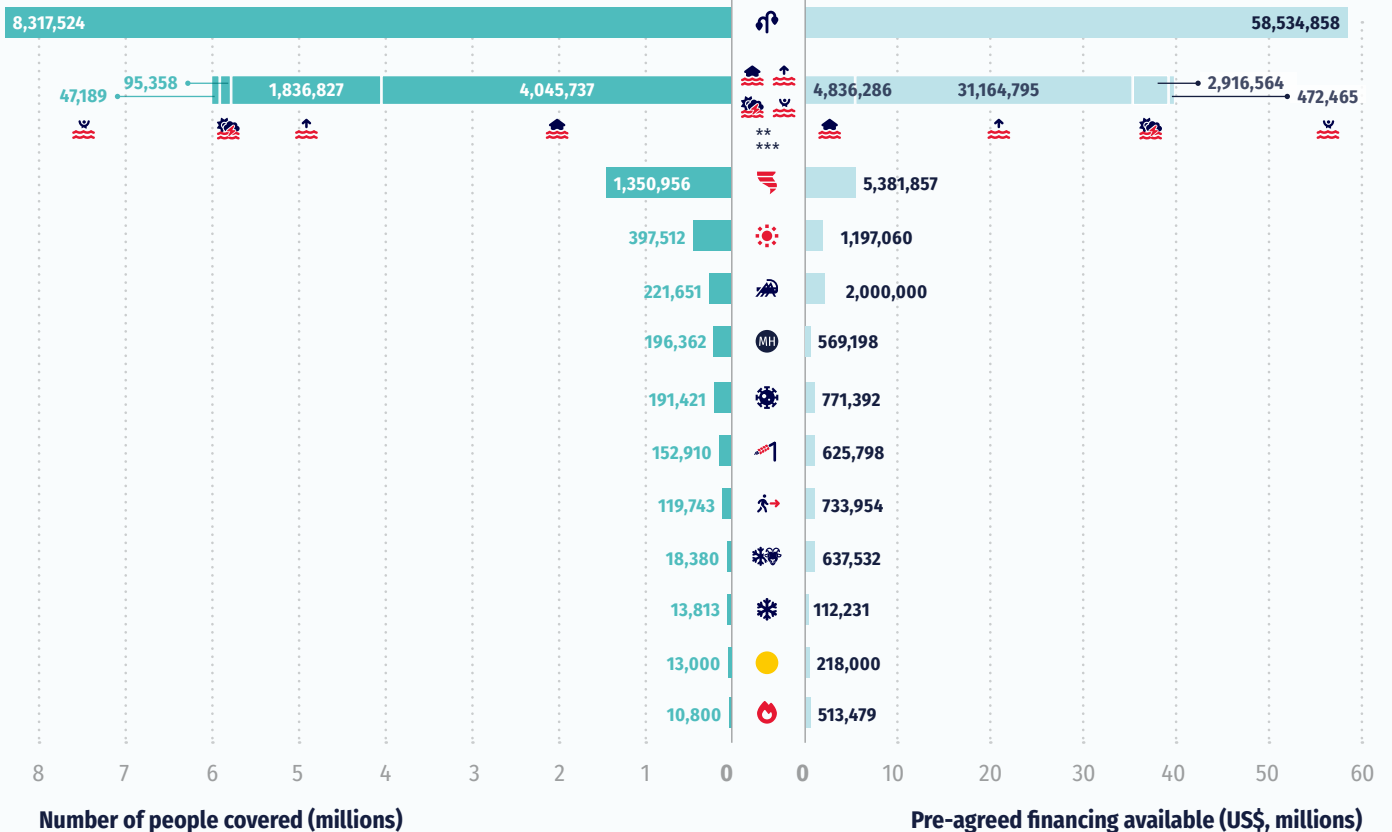


\* This refers to the coordinating organization(s) for each activation, rather than all partners. See Table A1 (Annex 2) for a full list of the organizations involved in each activation.

**Figure 5. Activations in 2024: people reached and pre-agreed financing**

In 2024, **17 million people worldwide** were reached through activations.\*

In 2024, financing worth **110.7 million US dollars** was released for activations.



\* Some individuals may be reached by more than one type of action during an activation; they are only counted once in the figures in this report.

\*\* Total for all types of flood: 6,025,111 people

\*\*\* Total for all types of flood: US\$39,390,110

## 2.2 Anticipatory action in 2024: case studies

### Coordinating anticipatory actions ahead of drought in Ethiopia

Ethiopia faced severe humanitarian challenges in 2024, including floods, conflict and the longest cholera outbreak on record ([OCHA 2024a](#)). On top of these, forecasts warned of a La Niña-induced drought beginning in October. This was particularly alarming for people still recovering from the 2020 to 2023 drought.

Recognizing the urgent need for coordinated action, the Ethiopian government and humanitarian partners issued a *Call for Anticipatory Action* ([UN CERF 2024](#)) in September. This sought 550 million US dollars to mitigate the drought's impacts before they escalated, while also highlighting the cost-effectiveness and humanitarian benefits of acting ahead of predictable shocks. This collaboration was made possible by years of sustained, multistakeholder efforts to build robust systems for anticipatory action in the country.

In parallel, several organizations used pre-agreed financing to implement anticipatory actions, collaborating with each other based on a shared commitment to act early. This included activations by the Ethiopian Red Cross Society, the World Food Programme (WFP) and World Vision. In addition, three national non-governmental organizations (NGOs) and nine international NGOs, as well as the Food and Agriculture Organization of the United Nations (FAO), the International Organization for Migration (IOM), the United Nations Children's Fund (UNICEF) and the World Health Organization (WHO) delivered anticipatory actions that were aligned with the draft national framework for drought ([OCHA 2025](#)).

Combined, this financing was worth over 26 million US dollars and supported more than 2.5 million people in the Oromia,

Somali and South Ethiopia regions.<sup>3</sup> The anticipatory actions included early warning messages, the promotion of destocking and the introduction of temporary slaughterhouses for livestock ([Anticipation Hub 2024a](#)), as well as multipurpose cash transfers that enabled people to buy food and essential items ahead of an expected decline in incomes and market availability during the drought ([WFP 2024a](#)). The organizations involved worked in close coordination with disaster risk management bureaus and regional and zonal authorities in the affected regions.

### Government-led anticipatory action in Bangladesh

Several national governments are assuming a prominent role in coordinating anticipatory action (see [Section 3.3](#)) and in 2024, the government of Bangladesh led efforts to anticipate two hazards: cyclone and floods.<sup>4</sup>

The government's first step ahead of Cyclone Remal in May was to issue a cyclone signal of 10 (the maximum level is 11), which underscored the severity of the coming hazard. It then closely monitored forecasts to guide decisions, working with the Anticipatory Action Technical Working Group and the Forecast-Based Action Task Force ([WFP 2024b](#)). Once the trigger thresholds were reached, several organizations implemented anticipatory actions in the country's southern coastal regions. These took place one day before the cyclone made landfall and reached 150,000 at-risk people within 24 hours of the trigger being reached. Actions included early warnings, evacuations and water, sanitation and hygiene (WASH) support, with 30,000 families receiving anticipatory cash transfers of 5,000 Bangladeshi *Taka* (approximately 43 US dollars) ([Ibid.](#)).

Two months later, monsoon floods were forecast to hit northern Bangladesh. On 4 July, based on government weather forecasts, a coalition of partners coordinated a series of anticipatory actions. These included early warnings that reached more than 2 million people and anticipatory cash transfers (5,000 *Taka* per household) which supported 447,800 people ([WFP Asia & Pacific 2024](#)). To date, this is the largest number of people reached through anticipatory action ahead of a rapid-onset hazard ([WFP 2024c](#)).

The government has been pushing for more streamlined anticipatory action in Bangladesh since 2020, when it asked the organizations implementing this approach to develop common triggers for cyclones and floods.



The Ethiopia Red Cross Society registers recipients of multipurpose cash transfers in East Bale, Oromia. © Ethiopia Red Cross Society



<sup>3</sup> See Table A1 in Annex 2 for further details of these figures.  
<sup>4</sup> Both activations were guided by interagency frameworks that are coordinated by the United Nations Office for the Coordination of Humanitarian Affairs (OCHA) ([OCHA 2024b](#), [OCHA 2024c](#)).




Talking to communities during the activation for monsoon floods in Bangladesh. © Mehedi Rahman/WFP

Since then, the Bangladesh Meteorological Department (BMD), the Cyclone Preparedness Program (CPP) and the Department of Disaster Management have worked with the country's technical working group to develop national frameworks for these hazards; both national early action protocols (EAPs) were endorsed by the Ministry of Disaster Management and Relief (MoDMR) in June 2024 ([MoDMR 2024a](#) ; [MoDMR 2024b](#) ). There are also plans to develop a national-level framework for heat waves.

#### Anticipating conflict-induced displacement in South Sudan

The Akobo region in South Sudan is plagued by recurrent inter-communal conflicts. An anticipatory action initiative, launched by the Danish Refugee Council, uses early warning systems and targeted interventions to mitigate displacement induced by these conflicts while enhancing communities' resilience. Developed in collaboration with local peace committees, it integrates machine learning-based predictive models with community-driven early warning indicators. This combination has proven accurate and reliable: while predictive algorithms identify potential displacement, community inputs offer critical context often missed by technology.

In May 2024, the system predicted that 1,500 people would be displaced within three months. The Danish Refugee Council facilitated inter-community peace dialogues between the Lou Nuer and Murle groups, which helped to reduce tensions. Had the dialogues not been initiated, it is likely that the situation would have escalated and many more people could have become displaced as a result ([Easton-Calabria 2024](#) ). Counterfactual analysis, which compared the situation to neighbouring counties, confirmed that these dialogues were pivotal in reducing overall tensions and conflict. Community members and local stakeholders

suggested that the peace dialogues helped to reduce cattle-raiding incidents and supported the return of abducted children, which were causing the conflict to escalate.

The resulting de-escalation allowed for the faster return of individuals who had pre-emptively sought safety and shelter in Akobo town, improved access to hunting and fishing areas, and reduced people's overall humanitarian needs. It was also cost-effective, saving up to 6.6 euros for every 1 euro spent; this led to costs associated with displacement, of up to 600,000 euros, being averted.

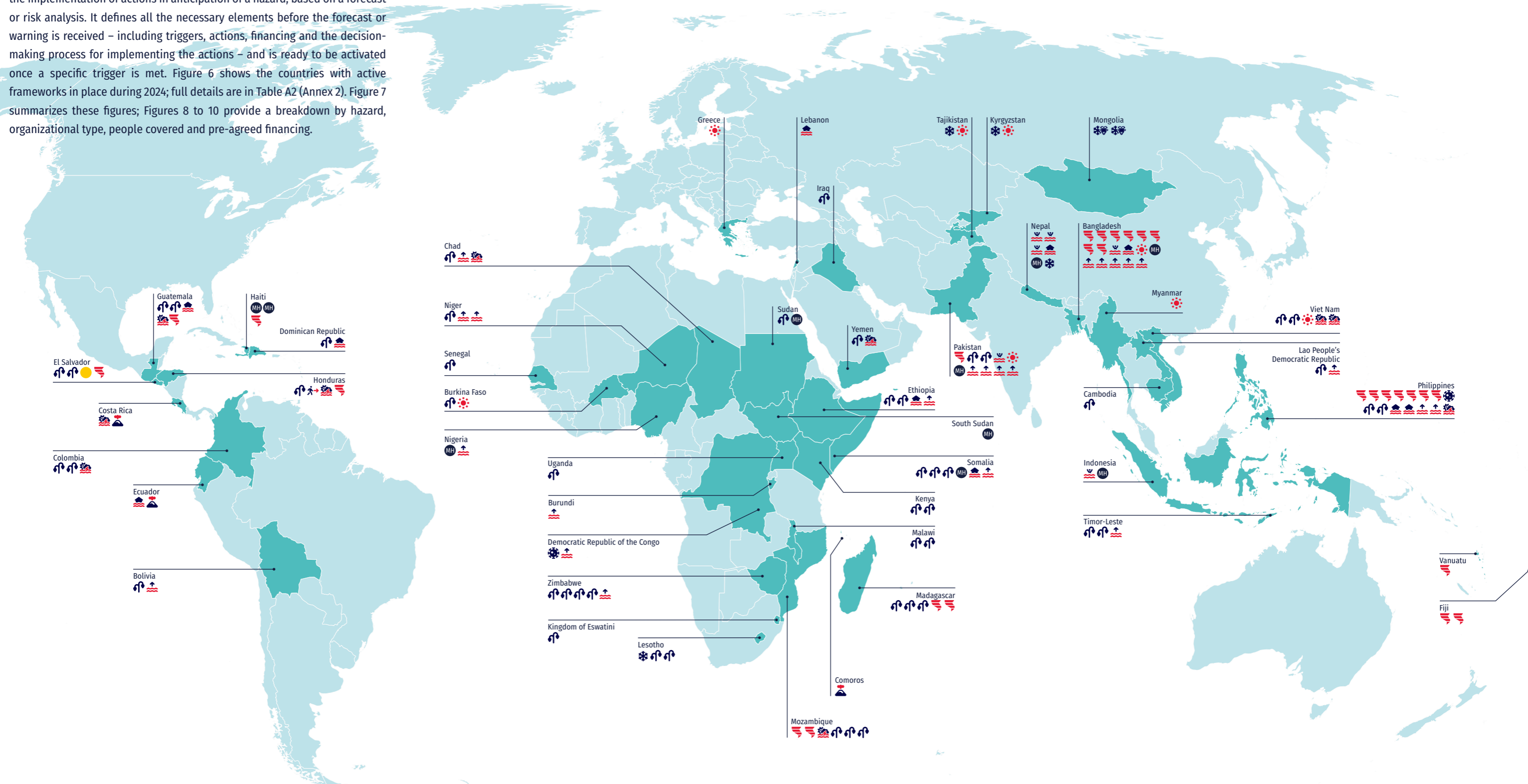
Beyond the immediate benefits, this activation demonstrated the potential for anticipatory action to mitigate conflict-driven displacement and reduce humanitarian needs, offering a scalable solution for conflict settings. However, the project also confirmed that tackling the root causes of Akobo's conflicts requires longer-term investment across the humanitarian-development-peace nexus, including dedicated peacebuilding efforts.



A community dialogue in South Sudan. © Danish Refugee Council

### 2.3 Anticipatory action in 2024: active frameworks

An **anticipatory action framework** is a pre-agreed arrangement that enables the implementation of actions in anticipation of a hazard, based on a forecast or risk analysis. It defines all the necessary elements before the forecast or warning is received – including triggers, actions, financing and the decision-making process for implementing the actions – and is ready to be activated once a specific trigger is met. Figure 6 shows the countries with active frameworks in place during 2024; full details are in Table A2 (Annex 2). Figure 7 summarizes these figures; Figures 8 to 10 provide a breakdown by hazard, organizational type, people covered and pre-agreed financing.



**Figure 6.**  
Active frameworks in 2024

Not all organizations use frameworks; some decide to act ahead of a hazard in a more flexible manner, based on analysis of where a hazard might strike and/or where the impacts will be felt. This explains why some activations (Figure 1) are not matched by an active framework (this figure). For the hazards covered under multi-hazard frameworks, see Table A2.

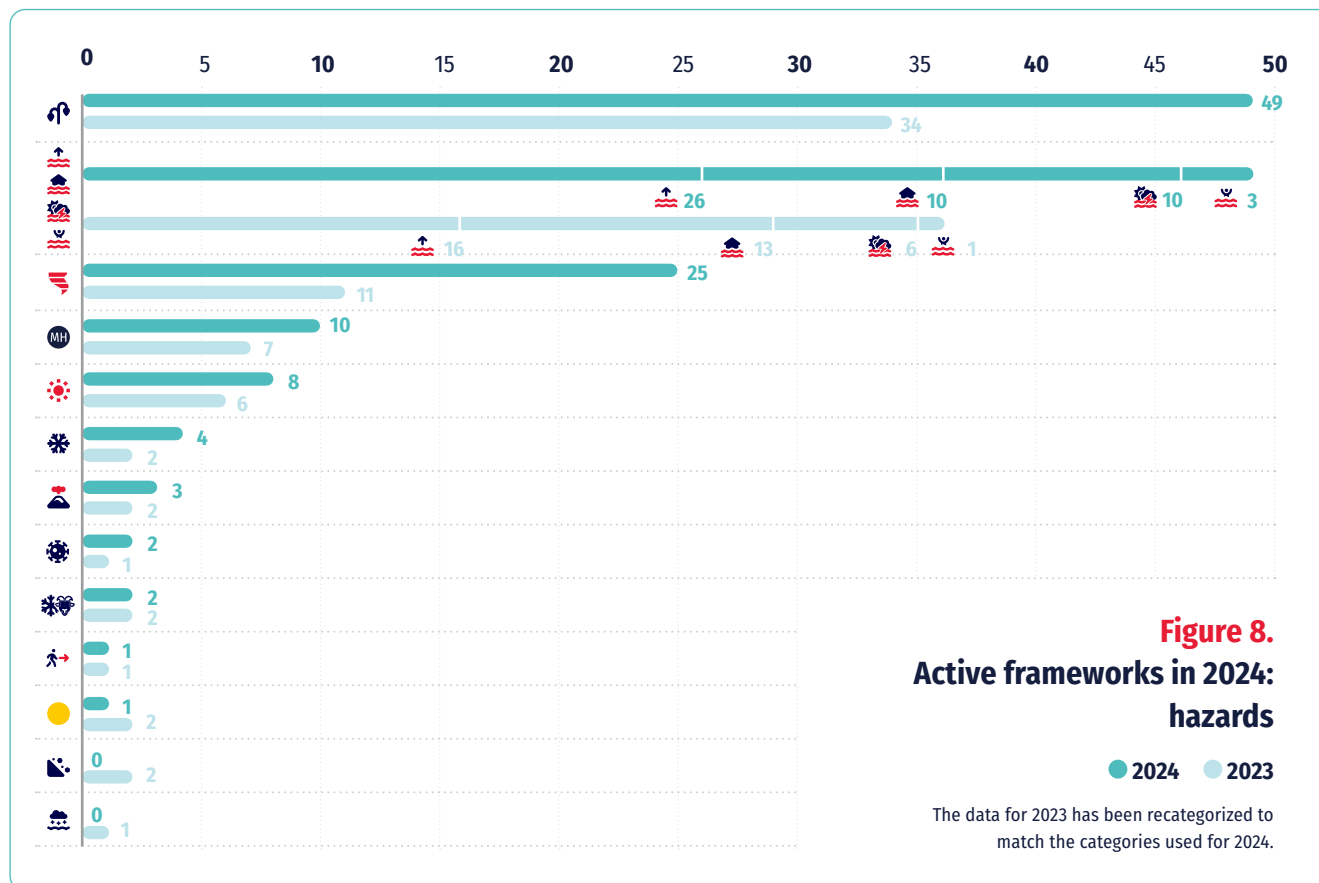
**Figure 7. Active frameworks in 2024: in numbers**



\* Six WFP frameworks (included in this figure) are top-ups to OCHA-coordinated frameworks; see Table A2 for details.

\*\* The total amount of funding includes US\$43.5 million that OCHA pre-agreed for its frameworks under development; as these funds were available during 2024, the amounts are included here. For some countries, there is a maximum amount of pre-agreed financing available across all hazards; see Table A2 for further details.

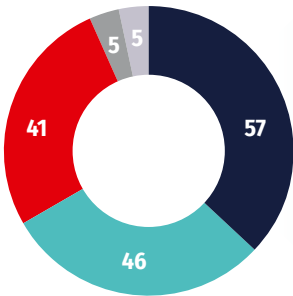
\*\*\* In addition, US\$32 million were available for OCHA's frameworks under development in 2023.



**Figure 9. Active frameworks in 2024: organizations**

Activations **by organizational type\***

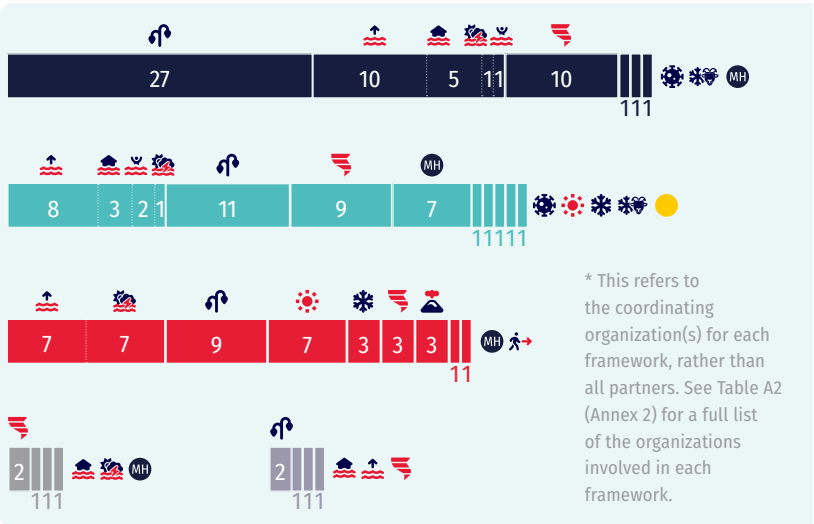
- UN
- Multi-partner
- NGO/non-profit
- Government
- Red Cross Red Crescent



**295**

Number of organizations involved with an active framework in 2024. This includes all partners and governmental institutions involved with the framework and should be considered as a minimum number, as some organizations were not listed individually.

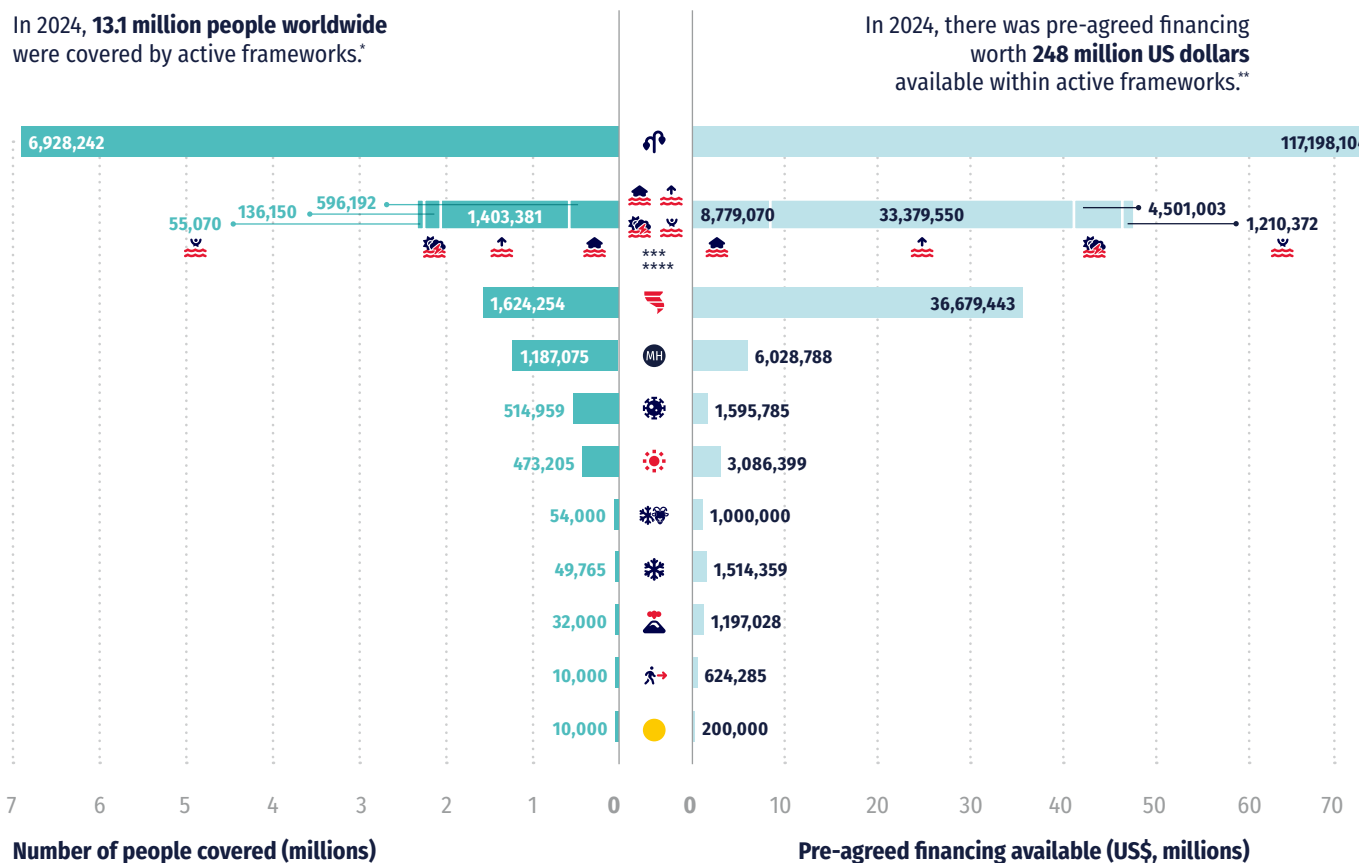
Activations **by organizational type and hazard**



**Figure 10. Active frameworks in 2024: people covered and pre-agreed financing**

In 2024, **13.1 million people worldwide** were covered by active frameworks.\*

In 2024, there was pre-agreed financing worth **248 million US dollars** available within active frameworks.\*\*



\* Some individuals may be covered by more than one framework, so this figure is an estimate only.

\*\* The total amount of funding includes US\$43.5 million that OCHA pre-agreed for its frameworks under development; as these funds were available during 2024, the amounts are included here. For some countries, there is a maximum amount of pre-agreed financing available across all hazards; see Table A2 for further details.

\*\*\* Total for all types of flood: 2,190,793 people

\*\*\*\* Total for all types of flood: US\$47,869,995

### 2.4 Anticipatory actions in 2024: actions

As Figure 11 shows, the types of actions most commonly used in 2024 were cash and voucher assistance, early warnings and WASH-related activities; the same three categories of actions were listed most often in active frameworks. These three categories were also the three most widely used and listed in 2023 ([Anticipation Hub 2024b](#)), highlighting their importance in supporting people ahead of many different hazards.



Habiba Hassen Aden receives cash during the anticipatory cash distribution in Dollo Ado, Somali Region, Ethiopia. © Michael Tewelde/WFP

Cash and voucher assistance, which is included in 73 per cent of active frameworks, takes many forms: cash-for-work schemes, vouchers for the most vulnerable people, or mobile money transfers, among others. One reason for its widespread use as an anticipatory action is that it enables people at risk to decide for themselves what they need to do to prepare. For example, receiving cash before a forecast hazard may enable them to avoid selling essential assets to cover evacuation costs in a sudden-onset disaster, or to act early to protect their homes, livelihoods and health ([CashHub nd](#)).

#### New actions in 2024

Innovations in anticipatory actions in 2024 were not so much in the products or services being delivered, but in their mode of delivery – notably the use of technology to help organizations reach those in need more quickly and more efficiently.

In Madagascar, for example, the *Framework for Anticipatory Action for Cyclones* ([OCHA 2024d](#)) features cargo drones operated by WFP and the United Nations Humanitarian Air Service. These can deliver critical emergency items, such as WASH and dignity kits, ahead of a forecast cyclone. The drones can cover distances of up to 500km while carrying loads of 160kg, which enables the rapid delivery of life-saving assistance to hard-to-reach areas, where

other transport options may be limited or disrupted. Furthermore, they offer a more cost-effective and efficient solution for delivering essential items (compared, for example, to helicopters), especially for lightweight, high-priority supplies.

### Box 3. A phased approach to actions and triggers

A phased approach to anticipatory action means there are different triggers for different levels of risk, different points in time, for the types of actions to be implemented, and according to the livelihoods to be protected. This approach has been promoted for a number of years, especially as an effective way to anticipate slow-onset hazards such as drought ([FAO 2022](#)), and was applied by a growing number of organizations in 2024.

In Zimbabwe, for example, Start Network member organizations adopted a phased approach to mitigating the impacts of a forecast drought. In October, the Start Ready financing mechanism was activated, allowing members to implement anticipatory actions before the drought peaked. These included providing at-risk communities with early-maturing and drought-resistant seed varieties, and the rehabilitation and solarization of water sources.

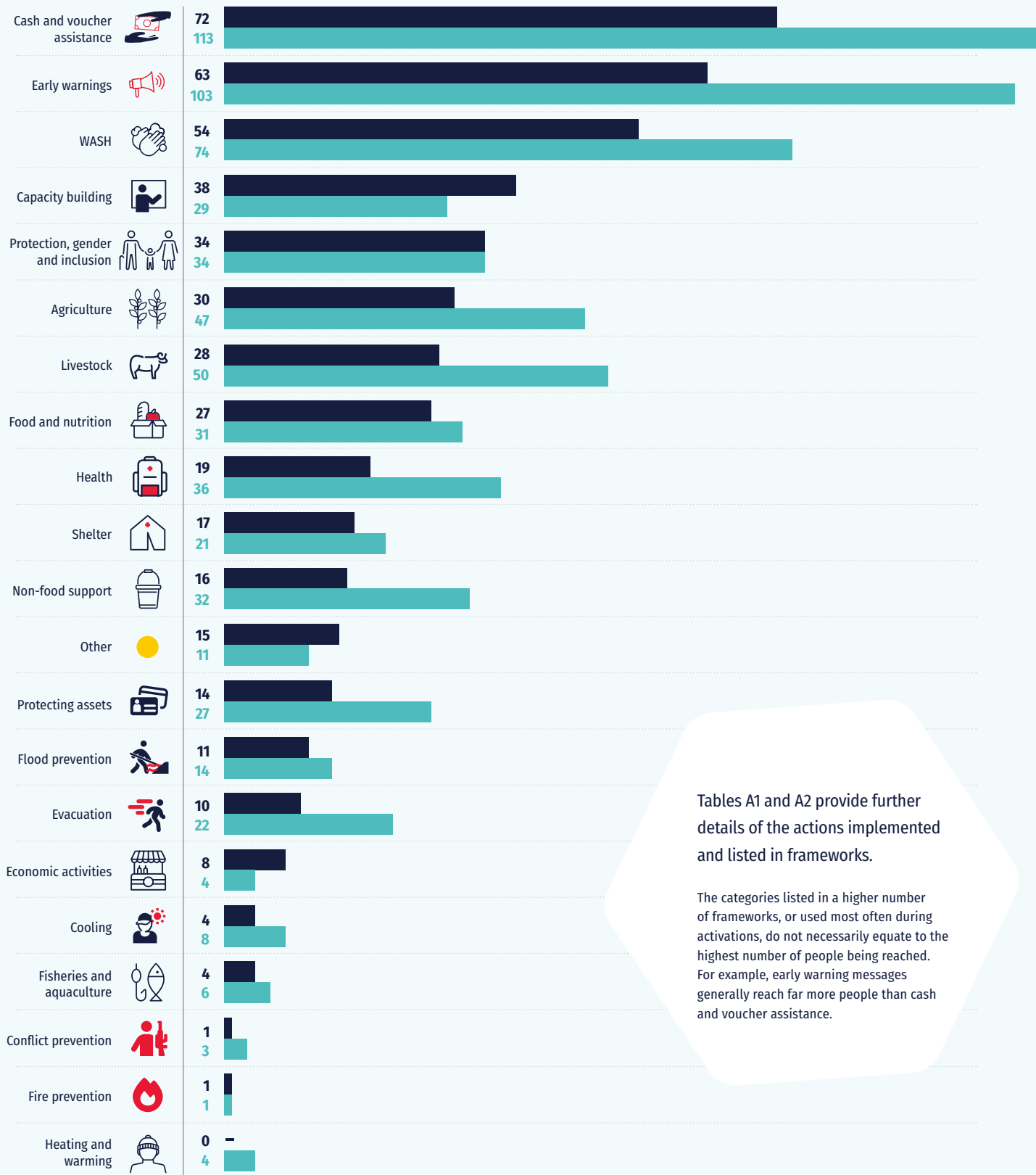
If the drought worsens in 2025, and the second trigger is reached, Africa Risk Capacity will provide additional insurance-based support to communities still being affected. This will support actions that build on the initial phase by addressing people's remaining needs.



A short video about using drones to deliver humanitarian assistance is available online: [tinyurl.com/4sspy5cw](https://tinyurl.com/4sspy5cw)

Photo: © WFP

**Figure 11. Anticipatory action in 2024: types of actions**



Tables A1 and A2 provide further details of the actions implemented and listed in frameworks.

The categories listed in a higher number of frameworks, or used most often during activations, do not necessarily equate to the highest number of people being reached. For example, early warning messages generally reach far more people than cash and voucher assistance.

● Used in activations ● Listed in active frameworks

## 2.5 Anticipatory action in 2024: triggers

Similar to the trend seen in new actions, recent advances in trigger development demonstrate a growing focus on using technology. Artificial intelligence (AI) and machine learning have considerable potential to improve anticipatory action, especially forecasts, and in 2024, several countries used these to develop more effective triggers. For example, Red Cross and Red Crescent partners in Somalia used Google’s machine-learning tool in their flood-forecast model ([ICRC and Red Cross Red Crescent Climate Centre 2024](#)). A flood-trigger model for the White Nile River in South Sudan also uses a machine-learning approach ([CLARE nd](#)).

There were technological advances in developing triggers for hazards that have not, to date, been widely covered by anticipatory action. For example, FAO began using the eLocust3m smartphone app to monitor locusts in real time; this now informs its early warnings for locusts ([FAO nd](#)). Users – including field staff, farmers and NGOs – report locust observations in the field via the app. This data is then sent to national locust centres and combined with data about weather and ecology to generate early warnings.

Another development in 2024 was OCHA’s integration of observational data, in addition to forecasts, into its cyclone frameworks for Haiti and Mozambique. In cases where anticipatory actions are no longer possible – such as when a storm intensifies rapidly at the last minute – funding from the Central Emergency Response Fund (CERF) can still be triggered based on the observed windspeeds or rain at landfall, which allows partners to provide an immediate early response. Observational data has been used to trigger actions for slow-onset hazards (e.g., drought) for several years; this development will help to ensure that vulnerable communities can still receive timely assistance ahead of rapid-onset hazards as well.

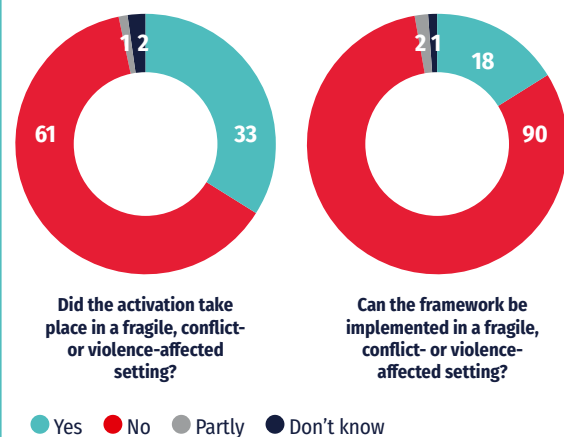
With 3.6 per cent of the global population being international migrants ([McAuliffe and Oucho 2024](#)) and global trends in 2024 showing an increase in forced displacement ([UNHCR nd](#)), several humanitarian organizations are exploring how anticipatory action can effectively support people on the move, who are often extremely vulnerable. One example is the EAP for population movement in Honduras ([IFRC 2023a](#)), which combines analysis of the operational and financial capacity of the Honduran Red Cross with projections of how many people are expected to cross the border the following month. This information is used to identify intervention sites for setting up humanitarian services, many of which focus on the health-related problems suffered by people on the move.

There was also work to improve triggers for climate-sensitive disease outbreaks, with a working paper offering practical insights into the feasibility of different approaches, depending on the

### Box 4. Anticipatory action in fragile, conflict- and violence-affected settings

At least 33 activations in 2024 took place in fragile, conflict- and violence-affected settings, while at least 18 of the frameworks that were active in 2024 covered people in these settings (Figure 12).<sup>5</sup> These figures provide evidence that anticipatory action is possible in such settings, and that organizations are planning for this. This is encouraging given the growing number of people facing overlapping crises in which conflict and violence compound the impacts of other hazards (see [Schillinger, de Winter, Kristensen et al. 2025](#)).

**Figure 12. Anticipatory action in fragile, conflict- and violence-affected settings**



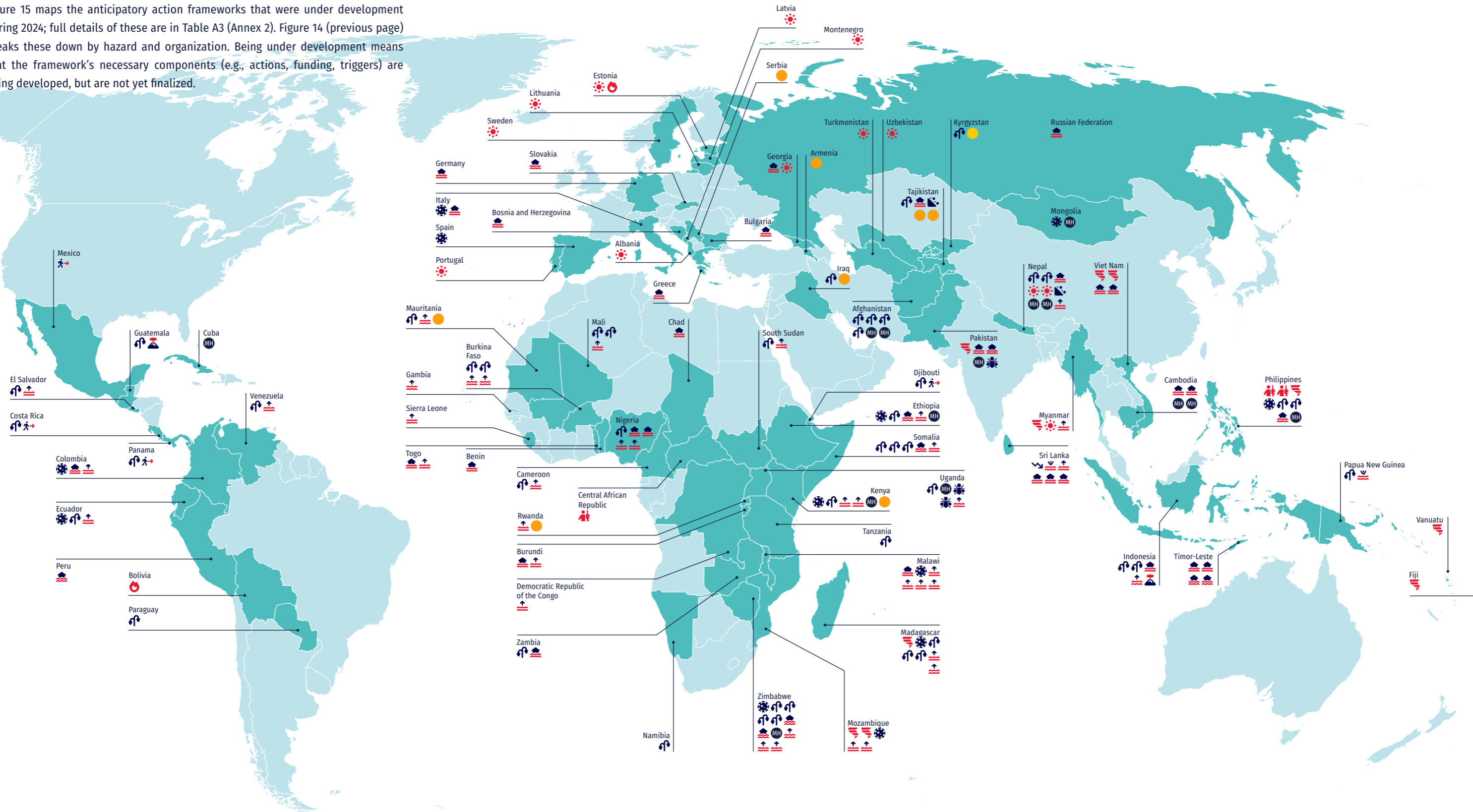
disease and context ([Alcayna, Kellerhaus and Goodermote 2024](#)). Several National Red Cross Societies developed simplified EAPs to minimize the impacts of cholera outbreaks during 2024. These use observational data on weather-related shocks (e.g., floods or heavy rainfall) that disrupt critical WASH infrastructure, socio-economic indicators that signal increased vulnerability, and disease-surveillance data. The composite triggers developed with these data enable different actions at different stages ahead of a cholera outbreak.

<sup>5</sup> These data were checked against the World Bank’s list of fragile and conflict-affected situations: [tinyurl.com/3xuhb6ce](https://tinyurl.com/3xuhb6ce). Not all organizations provided this information; see Tables A1 and A2 (Annex 2) for further details.



### 2.6 Anticipatory action in 2024: frameworks under development

Figure 15 maps the anticipatory action frameworks that were under development during 2024; full details of these are in Table A3 (Annex 2). Figure 14 (previous page) breaks these down by hazard and organization. Being under development means that the framework's necessary components (e.g., actions, funding, triggers) are being developed, but are not yet finalized.





**Figure 15.**  
Frameworks under development in 2024

For the hazards covered under multi-hazard frameworks, see Table A3.

## 3. Milestones and developments in 2024


### 3.1 Global policy developments





In February, the **Grand Bargain Caucus on Scaling Up Anticipatory Action** was launched under the co-leadership of Germany, OCHA, Save the Children and WFP. Bringing together donors, United Nations (UN) organizations, the International Red Cross and Red Crescent Movement and international, national and local NGOs, it is uniquely positioned to drive the political changes needed to address challenges such as insufficient coordination and funding. With the adoption of the outcome document in December ([IASC 2024](#) )<sup>6</sup>, signatories agreed to: substantially increase funding for anticipatory action, especially fuel funding; track fuel and build funding;<sup>6</sup> and improve coordination. More specifically, donors are encouraged to spend at least 5 per cent of humanitarian funding on anticipatory action. Implementing agencies, in turn, commit to increased transparency and to move towards collective anticipatory action through existing coordination structures.






The 34th International Conference of the Red Cross and Red Crescent, held in October 2024, adopted a pivotal resolution: **'Protecting people from the humanitarian impacts of extreme climate and weather events: working together to strengthen anticipatory action'** ([International Red Cross and Red Crescent Movement 2024](#) )<sup>6</sup>. This marks the first global commitment by countries to work towards integrating anticipatory action into their disaster risk management systems, and urges both countries and the International Red Cross and Red Crescent Movement to enhance anticipatory action in response to the escalating frequency and severity of climate-induced disasters.


Another highlight was the development of an implementation toolkit to assist national **Early Warnings for All** (EW4All) focal points and their partners to identify gaps and develop roadmaps. It provides step-by-step guidance on how to achieve this, as well as supportive documents and the necessary forms to facilitate the effective implementation of the EW4All initiative's ambitions.

### 3.2 New evidence, methods and research

A significant research focus in 2024 was the feasibility and effectiveness of anticipatory action in **complex and protracted crises**, including fragile, conflict- and violence-affected contexts. One study ([Jaime, de Perez, van Aalst et al. 2024](#) ) highlighted persistent gaps in research on anticipatory action in areas with armed conflict and high forced displacement. At the same time,

there was promising work on anticipatory action in protracted crises, including against floods in Kenya and Somaliland ([Save the Children 2024](#) ) and for displaced people in South Sudan ([Easton-Calabria 2024](#) )<sup>6</sup>. These offer valuable insights for others working in such contexts, while discussion notes for aid practitioners promoted an 'anticipatory mindset' to strengthen interventions in conflict-affected areas ([Insecurity Insight 2024a](#) ; [Insecurity Insight 2024b](#) ).

**Anticipating drought** continues to be a key research area, with new evidence summarizing the impacts of interventions in the Sahel ([Parodi, Enenkel, Lombardi et al. 2024](#) )<sup>6</sup>, new trigger methods in Papua New Guinea ([Isaev, Yuave, Inape et al. 2024](#) ) and developments in south-east and eastern Africa, such as an advanced early warning system in Mozambique ([Guimarães Nobre, Towner, Nhantumbo et al. 2024](#) )<sup>6</sup>. For other hazards, research published in 2024 presented new methods for impact-based forecasting, including work to anticipate displacement in Fiji ([Kam, Ciccone, Kropf et al. 2024](#) ) and towards a global impact-based forecasting model, using the Philippines as a case study ([Kooshki Forooshani, van den Homberg, Kalimeri et al. 2024](#) ).

Overall, the research and evidence produced in 2024 underscored the ongoing need to integrate anticipatory action into wider approaches to disaster risk management, the important role that trust plays in the effectiveness of anticipatory action systems – reinforced by work in fragile, conflict- and violence-affected contexts – and the valuable yet underused role of indigenous knowledge ([Dube, Huhn, Guimarães Nobre et al. 2024](#) ).

### 3.3 Thematic highlights

#### Coordinated anticipatory action

With the frequency of predictable hazards increasing, and funding for humanitarian assistance going down, investing in coordinated anticipatory action will help to ensure that more of the world's most vulnerable people receive the assistance they need, and when they need it most.

Increasingly, government-level authorities are leading coordination efforts and developing national plans for anticipatory action (see Figures 16 and 17). In Mozambique, a technical working group led by the National Institute for Disaster Risk Management and Reduction (INGD) spearheaded the development of a national multi-hazard anticipatory action manual, which served as the foundation for

<sup>6</sup> Build funding refers to the structural funds that enable and strengthen the core elements of anticipatory action systems. Fuel funding refers to the pre-arranged funds that are used for activations, which are released when the triggers for a hazard are met.

the coordinated framework for cyclones. In Nepal, the National Disaster Risk Reduction and Management Authority (NDRRMA) is working with partners to establish a national anticipatory action framework, thereby ensuring a harmonized and sustainable approach. This shift towards more integrated approaches reflects the sector's evolving priorities and will help to ensure that anticipatory action efforts maximize efficiency and impact.

Sharing the same objectives as these national frameworks, by the end of 2024 there were 17 multi-partner anticipatory action frameworks facilitated by OCHA – nearly double the number in the previous year – with three more under development. These were supported by 123 million US dollars in pre-arranged funding from the CERF, with five frameworks also including co-financing (up to 17.5 million US dollars) from other sources to expand the anticipatory actions. This indicates progress not just towards more coordinated approaches, but also towards more collective financing – although diversifying funding sources further remains a priority.

### Fuel funding for anticipatory action

Implementing anticipatory action relies on the funding that enables frameworks to be developed and acted upon. Encouragingly, in 2024 there was 248 million US dollars of pre-arranged financing for anticipatory action (Figure 6), up from approximately 180 million US dollars in 2023.<sup>7</sup> Yet a mapping exercise by the Asia-Pacific Technical Working Group on Anticipatory Action ([TWGAA 2024](#)) revealed that despite the growing number of frameworks in this region, several were temporarily or indefinitely 'inactive'. This may be because organizations lack build financing to keep their frameworks updated, or the fuel financing needed for activations. Others face capacity constraints, shifting priorities (e.g., towards disaster response and recovery), or external changes in the enabling environment, such as conflict or a change in government.

While only focused on Asia-Pacific, the mapping exercise highlighted the difficulties many organizations face in accessing fuel funding in particular. Humanitarian funds for anticipatory action often – and understandably – prioritize countries at high risk of disasters and with high humanitarian needs. However, some of the organizations in the region have limited options for keeping their frameworks ready for activation, due to uncertainty around accessing fuel funding, even when all the other elements (e.g., triggers, actions) are in place. This includes middle-income countries or those with a lower risk of disasters, such as Indonesia, Lao People's Democratic Republic, Sri Lanka and Viet Nam.

Efforts to strengthen the coordination between partners in these countries can help to ensure that the funding that is available for anticipatory action is used as efficiently as possible. One avenue is to continue exploring how governments in all countries

can support anticipatory action; this could, over time, help to make frameworks more sustainable while also ensuring that the available funding is used strategically. The bill on the State of Imminent Disaster in the Philippines, which allows local government units to access the country's Quick Response Fund for anticipatory actions, is a significant development in this respect ([Anticipation Hub 2024c](#)).

### The localization of anticipatory action

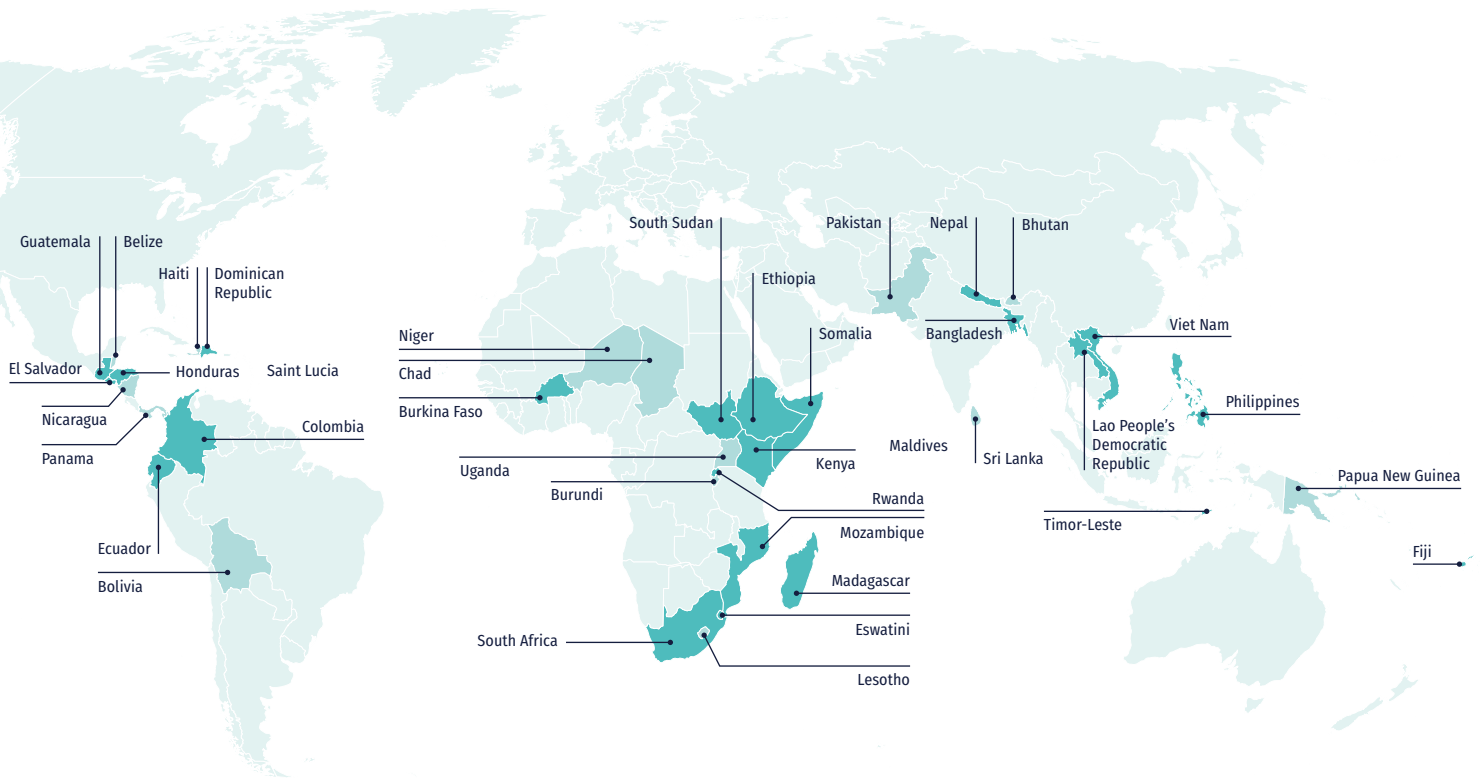
Local- and national-level actors increasingly play pivotal roles in shaping anticipatory action in many countries ([FAO 2024](#)). Beyond the call to make humanitarian action “as local as possible and as international as necessary” ([UN 2016](#)), evidence published in 2024 highlights the benefits of localizing anticipatory action ([Locally Led Anticipatory Action Working Group 2024](#)). Including local actors leads to the identification of the most effective and appropriate anticipatory actions ([Burakowski 2024](#)), as well as the design of flexible, context-specific triggers ([Schneider 2024](#)). Combined, this helps to ensure that interventions and triggers are aligned with communities' priorities and needs.

Despite widespread acknowledgement of these benefits, significant challenges persist. Engaging local and national actors does not necessarily ensure that decision-making power becomes centred at the local level – the objective of locally led anticipatory action – or that at-risk communities meaningfully inform the design and implementation of anticipatory action frameworks.

Another challenge seen in 2024 was that local and national actors continue to face barriers when trying to access funding mechanisms. Some are accessible: National Red Cross and Red Crescent Societies can access the International Federation of Red Cross and Red Crescent's (IFRC) Disaster Response Emergency Fund (DREF); national NGOs can access OCHA's Country-Based Pooled Funds (CBPFs); Start Network member organizations can access the Start Fund Anticipation Window and Start READY; and the WAHFA programme offers opportunities for national NGOs in sub-Saharan Africa to access funding in partnership with German-based international NGOs. Yet many global multilateral and bilateral instruments remain less accessible. In this context, the Grand Bargain Caucus (see [Section 3.1](#)), which calls for reduced barriers to accessing funding and to “support the establishment of inclusive, locally led anticipatory action systems” ([IASC 2024](#)) represents a significant step towards the systemwide adoption of locally led approaches in practice.

<sup>7</sup> This includes 148 million US dollars, as reported in the previous edition of this report, alongside 32 million US dollars that were pre-arranged for OCHA's frameworks under development in 2023, but which were not included in last year's totals ([Anticipation Hub 2024b](#)).

**Figure 16. Institutionalization of anticipatory action in 2024**



● Countries that have: designated a government authority to support anticipatory action; and/or established a national technical working group; and/or developed a clear strategy or roadmap for this approach.

● Countries that are working towards at least one of these criteria.

**The institutionalization of anticipatory action**

The institutionalization of anticipatory action into government systems is at an early stage, but data from 46 countries indicates that many governments have taken meaningful steps towards embedding anticipatory action within national structures for disaster risk management. As Figure 16 shows, 24 countries have: designated a government authority to support anticipatory action; and/or established a national technical working group; and/or developed a clear strategy or roadmap for this approach. An additional 15 countries are working towards at least one of these. This illustrates political momentum and cross-sectoral coordination in these countries, and that anticipatory action has entered into formal policy-planning processes.

However, full integration remains a work in progress, particularly with regard to financing and the use of social protection mechanisms to deliver anticipatory action (Figure 17). The lack of, and limited access to, funding is another persistent challenge, affecting countries’ ability to implement national strategies (build funding) and to implement anticipatory actions at the national and local levels (fuel funding). Encouragingly, many countries are working to address this.

Overall, the data from 2024 indicates that there is momentum towards the institutionalization of anticipatory action. With focused investment and sustained support, these countries and others can, in time, establish fully integrated, government-led anticipatory action systems.

**Figure 17. Status of the institutionalization of anticipatory action in 2024**

● Yes ● Partially ● No

**Is there a designated government authority actively promoting the integration of anticipatory action within the country's disaster risk management system?**



**Is there a technical working group (or similar exchange mechanism) that coordinates anticipatory action efforts at the national level?**



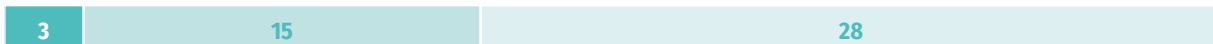
**Is there a clear strategy for institutionalizing anticipatory action at the country level (e.g., a national roadmap)?**



**Are the mandates, roles and responsibilities for anticipatory action clearly defined and assigned across institutions, and across relevant levels and sectors?**



**Has anticipatory action been incorporated into (sub-)national disaster-risk-management policies, strategies or plans?**



**Is the government engaged in reforms or initiatives to secure funding to implement anticipatory action?**



**Is anticipatory action integrated into the country's social protection system?**



**Are financial resources readily available and accessible for the implementation of anticipatory action (at the national/local level)?**



**Is there funding for the implementation of the strategy (e.g., national roadmap) or the development of anticipatory action in the national budget?**




Not all questions were answered for all countries.

### 3.4 Regional highlights

#### Africa

Anticipatory action expanded to new countries in **West and Central Africa** in 2024. Organizations in Mauritania took significant steps towards implementing actions ahead of drought, while those in Côte d'Ivoire, Gambia and Ghana focused on acting ahead of floods. Meanwhile, the International Committee of the Red Cross (ICRC) worked closely with detention facilities in the Sahel region to implement anticipatory actions to reduce the burden of unprecedented heat waves on detainees.

Crucially, 2024 saw notable financial commitments to support anticipatory action in West and Central Africa; examples include the Italian government's funding to the IFRC to bolster its initiatives, and the Austrian government's support to WFP for anticipatory action in the Sahel region. Also in 2024, the regional community of practice transitioned into a well-structured technical working group; this now unites stakeholders from UN agencies, the International Red Cross and Red Crescent Movement and international humanitarian organizations, as well as national and regional governmental bodies.

The 2023/24 El Niño-induced drought peaked in the first quarter of 2024, severely affecting crop production and livelihoods across **southern Africa**. In anticipation of this, the Regional Anticipatory Action Working Group (RAAWG), in collaboration with regional stakeholders and the Southern African Development Community (SADC), implemented anticipatory actions across the region (see Figure 1), helping over two million vulnerable people to prepare for and mitigate the drought's impacts. To capture the lessons from this cross-regional effort, a comprehensive after-action review formed part of the 2nd Southern Africa Dialogue Platform on Anticipatory Humanitarian Action ([Anticipation Hub 2024d](#) ). The severe drought persisted in parts of the region, prompting further activations in the last quarter of the year (see Table A1, Annex 2).

Policy activities across the year included the RAAWG Secretariat's support for SADC Member States at the EW4All Multi-Stakeholder Forum, held in October in Windhoek, Namibia. During this event, participants discussed investing in national systems to strengthen the delivery of anticipatory action and to promote long-term sustainability within SADC Member States.

Several large-scale activations took place in **eastern Africa** during 2024 ahead of hazards caused by the La Niña event, including the drought in Ethiopia (see [Section 2.2](#)) and the floods in Somalia and South Sudan. Building on the lessons learned from previous




A volunteer from the Zimbabwe Red Cross Society helps children wash their hands before they get their daily serving of corn-soya-blend porridge as part of a school-feeding programme to anticipate the impacts of drought. © Rumbidzai Nenzou/IFRC

activations – for example, that anticipatory actions were more effective than response in mitigating the adverse impacts of flooding on vulnerable households<sup>8</sup> – WFP issued early warnings to 1.9 million people in Somalia, and distributed cash transfers totalling around 1 million US dollars to 80,000 people. These were complemented by FAO's interventions, which included livestock vaccinations, the distribution of water bladders, unconditional cash transfers and early warnings that reached more than 100,000 people.

The region's commitment to anticipatory action was reiterated in the 17-point declaration ([Anticipation Hub and ICPAC 2024](#) ) from the inaugural Eastern Africa Dialogue Platform on Anticipatory Humanitarian Action, held in Kenya in October; this builds on the *IGAD Regional Roadmap for Anticipatory Action* ([IGAD 2023](#) ). Some participants also took part in a television broadcast that helped to raise wider public awareness of anticipatory action and disaster risk management in the country.<sup>9</sup>

Importantly, this regional commitment was matched by increased funding. Among other donors, the European Civil Protection and Humanitarian Aid Operations (ECHO) and the German Federal Foreign Office (GFFO) provided over 6.5 million euros for multi-year initiatives to help the Intergovernmental Authority on Development's (IGAD) members to strengthen the coordination of anticipatory action, build regional capacity, and scale up this approach based on lessons from pilot projects.

<sup>8</sup> These lessons came from WFP's monitoring and evaluation activities for its previous activations.

<sup>9</sup> This can be watched again online: [tinyurl.com/y6e3wva7](https://tinyurl.com/y6e3wva7) 

**Asia-Pacific**

Anticipatory action continued to expand in the Asia-Pacific region in 2024, with a regional mapping exercise indicating a 35 per cent increase in the number of frameworks (completed or under development) compared with 2023 (TWGAA 2024 [↗](#)). The majority of these are for flood, drought and tropical cyclones.

Despite this positive trend, research conducted by the TWGAA revealed a number of challenges for practitioners in the region. Beyond the difficulties experienced in accessing fuel funding for frameworks (see **Section 3.3**), there is limited harmonization of practices between organizations, which prevents effective collaborations and limits the reach of anticipatory action interventions (*ibid.* [↗](#)). Encouragingly, several organizations made progress in addressing this during 2024. For example, multi-partner frameworks – for example, by NGO consortiums, OCHA/CERF, Start Ready and the Australian Humanitarian Partnership’s (AHP) Disaster READY – are supporting the use of common trigger methods and ensuring that anticipatory action is better coordinated and targeted.

National coordination structures can also improve the harmonization of anticipatory approaches in a country, especially when these are led by governments. In 2024, several governments in the Asia-Pacific region were tangibly involved in facilitating the activation of frameworks, from setting trigger thresholds to planning the delivery of actions (e.g., deciding the location and type of actions to be implemented). For example, in Lao People’s Democratic Republic, the Department of Meteorology

and Hydrology shared pre-warning information on flood risk in Savannakhet Province, facilitating the activation of FAO’s framework for riverine floods in September. The government in Bangladesh was also heavily involved in activations during 2024 (see **Section 2.2**).

Local actors continued to play a central role in delivering anticipatory actions. Ahead of Super Typhoon Pepito,<sup>10</sup> which struck the Philippines in November, local fishing associations successfully shared early warnings and helped to evacuate fishing boats and equipment, with support from FAO. These actions helped to safeguard the livelihoods of fishing communities, meaning they could get back on the water more quickly after the cyclone had passed.

Alongside the growing number of frameworks and several successful activations, generating further evidence of the impacts of anticipatory action remains a priority in Asia-Pacific (*ibid.* [↗](#)). Throughout 2024, regional partners worked towards a collective monitoring and evaluation methodology, while also identifying which additional evidence would help to improve anticipatory action systems and be useful when advocating for these to be scaled up. For example, the parties involved with the CERF framework in Fiji worked with the National Disaster Management Office (NDMO) to tease out its evidence needs. They now plan to develop a joint evaluation method to ensure consistent analysis of anticipatory action interventions, one that addresses the key questions around the effectiveness and sustainability of this approach.



In early 2024, the Combined Drought Index reached critical thresholds in Lao People’s Democratic Republic. FAO, in collaboration with the government, provided farmers with agricultural support including drought-resistant seeds, training in climate-smart agriculture, early warning messages and unconditional cash grants. © FAO Lao People’s Democratic Republic

10 Known internationally as Typhoon Man-yi.

### Latin America and the Caribbean

In Latin America and the Caribbean, 2024 was characterized by substantial growth in anticipatory action and deepening institutional commitment. Active frameworks increased from 14 in 2023 to at least 25 in 2024; many of these were developed in collaboration with national-level government institutions, demonstrating the region's commitment to institutionalization (see **Section 3.3**).

A major milestone was the inclusion of anticipatory action in the *Regional Plan for Integrated Disaster Risk Management 2024–2030*, developed under the Coordination Center for the Prevention of Disasters in Central America and the Dominican Republic (**CEPREDENAC 2024** [🔗](#)). This high-level endorsement reinforces the message that anticipatory action is no longer optional, but essential to disaster risk management. Other sub-regional bodies, including the Andean Committee for Disaster Prevention and Relief and the Caribbean Disaster Emergency Management Agency, also advanced discussions on incorporating anticipatory action during 2024; the latter is currently establishing the first regional coordination space for anticipatory action in the Caribbean.

The establishment of the Regional Technical Working Group on Anticipatory Action (GTAA LAC) during 2024 was a cornerstone of these efforts. This group coordinates the expertise of a wide range of stakeholders, while promoting greater coherence and cooperation at the regional level. These attributes were on display during the 6th Regional Dialogue Platform on Anticipatory Action, held in Cartagena, Colombia, where more than 550 participants agreed on the need to empower local and national actors to scale up this approach sustainably (**Anticipation Hub 2024e** [🔗](#)).

There was similar progress in institutionalizing anticipatory action at the national level. In El Salvador, the national working group introduced the first national action plan for anticipatory action, which is coordinated by government institutions. In Colombia, Ecuador, Guatemala and Honduras, practitioners either created or strengthened national working groups.

The scope of anticipatory action also broadened in 2024. For the first time, frameworks were being developed for dengue outbreaks in Colombia and Ecuador, while some countries worked on frameworks for hazards not widely covered by anticipatory action in the region, such as wildfires in Bolivia. These expansions



The Honduran Red Cross supports communities ahead of the worst impacts of floods caused by Tropical Storm Sara in November 2024.

© Natalie Acosta/German Red Cross

attest to the region's willingness to use anticipatory action to address complex, interlinked challenges.

Despite these positive trends, significant challenges remain in terms of scaling up anticipatory action. These include limited national budgets, fragmented frameworks, a reliance on external funding, and varying levels of understanding of anticipatory action across the region, among both government and non-government actors.


Three frameworks were activated in Honduras ahead of Tropical Storm Sara in November, with FAO, the Honduran Red Cross and WFP all implementing actions to support those at risk. This video provides more information about some of these activities: [tinyurl.com/4jkbduv6](https://tinyurl.com/4jkbduv6) [🔗](#)


### Middle East and North Africa

The Middle East and North Africa (MENA) region faces complex crises, with the impacts of natural hazards often compounded by conflict or economic shocks that increase countries' humanitarian needs. While implementing anticipatory action in such contexts is challenging, it offers huge potential and 2024 saw encouraging progress.

In July, more than 500 people took part in the first MENA Dialogue Platform on Anticipatory Humanitarian Action, helping to draft the first version of a regional roadmap. Valid from 2024 to 2029, this sets out regional targets and milestones for each year, all of which contribute towards an overarching vision: a future in which communities are better prepared for, better protected against, and more resilient to the impacts of disasters ([Anticipation Hub 2024f](#) )

The MENA Anticipatory Action Regional Community of Practice will be instrumental in realizing this vision. This network brings together 40 organizations active in the region to coordinate technical, policy and advocacy activities, learning and exchange, and capacity strengthening on anticipatory action.

Significant progress was also made at the country level. In Yemen, for example, FAO's anticipatory action programme now uses climate forecasts and early warning data to monitor hazards, with pre-positioned resources (e.g., drought-resistant seeds) in place should a hazard occur ([Anticipation Hub 2024g](#) )



And in Lebanon, a multi-partner project is combining data on urban heat 'hotspots' with information on socio-economic vulnerability, as well as community perspectives on the impacts of heat waves (e.g., health-related impacts), to identify where and when to act ahead of urban heat waves ([Ibid](#) )

### Central Asia

In Central Asia, four EAPs – in Kyrgyzstan and Tajikistan for cold waves and heat waves – are ready to be activated when the triggers are met, with the National Red Crescent Societies already working on pre-positioning and readiness activities. These positive

developments highlight a growing regional commitment to proactive disaster risk management. Further advancements in anticipatory action are expected in the coming years, particularly for floods and heat waves.

### Europe

The year 2024 was the hottest on record ([Rowling 2025](#) ) , with Europe seeing severe consequences in many countries. Yet among these challenges, there were notable advancements in anticipatory action. In Greece, the Hellenic Red Cross activated its simplified EAP for extreme heat ([IFRC 2023b](#) ) before the country's heat wave peaked in the summer, providing water, food, sun protection and welfare checks for vulnerable groups, including older people, homeless people and those living with chronic illness.

Elsewhere, the Albanian Red Cross collaborated with meteorological offices and specialized institutes to develop an EAP for heat waves, while governments and National Red Cross Societies in Armenia, Bosnia and Herzegovina, and Serbia conducted climate risk assessments and held dialogues to inform both anticipatory action planning and climate adaptation strategies.

In June 2024, the Hellenic Red Cross carried out a series of anticipatory actions to help people cope with the impacts of the severe heat wave, supporting around 2,000 people. © Hellenic Red Cross



## 4. Trends, gaps and the way forward

The need for anticipatory action has never been greater. Climate- and weather-related hazards are increasing in frequency and intensity, many driven by the climate crisis. In several countries, these are being compounded by other risks – conflict, displacement, disease – that exacerbate the impacts and cause unprecedented levels of suffering among the people affected.

Against this reality, the data presented in this report offers some positive news: clear evidence that anticipatory action is increasing in scale and in scope. There are now more frameworks in place than ever before (**Section 2.3**), and 76 countries are working on new frameworks to anticipate hazards (**Section 2.6**). The high number of organizations working on anticipatory action – counted at 295, and this is a minimum estimate – shows that the benefits of anticipatory action are increasingly recognized. Many of these are NGOs and organizations active at the local level, which helps to ensure that anticipatory action remains focused on – and responsive to – the communities who are on the frontline when hazards strike.

These encouraging trends are being supported by a concerted push towards a more coordinated approach to anticipatory action. Several countries are working to ensure better coordination at the national level, including efforts to institutionalize this approach within existing systems for disaster risk management (**Section 3.3**). Many countries and regions have also established technical working groups to ensure greater coordination between partners; in many cases, these have strong government involvement and leadership (**Section 3.4**).

But with this growth comes heightened expectations of what anticipatory action can achieve – and a corresponding push to do more. This is particularly challenging in the current context of constrained funding for humanitarian aid. Anticipatory action offers a cost-effective way to achieve meaningful impacts, which is a significant advantage given the humanitarian sector faces growing funding shortfalls. The case for anticipatory action must continue to be made to ensure it becomes a standard approach and fulfils its full potential. Communities, governments, donors and organizations each have a role to play in making this happen.

### 1 Increase the funding available for anticipatory action – and make it easier to access

Donors should substantially increase funding for anticipatory action, especially the fuel funding that is needed for activations. They should work together to diversify funding sources; this could be done through supplementing or expanding the scope of existing financing mechanisms, especially humanitarian pooled funds, but also tapping into international climate and development funds. For instance, recognizing anticipatory action as an eligible activity under the Fund for Responding to Loss and Damage will enable governments and communities to implement anticipatory measures ahead of climate-related hazards, reducing long-term humanitarian costs.

At the same time, governments in at-risk countries should strengthen their efforts to pre-arrange financing ahead of predictable hazards, for example by building on existing mechanisms for disaster risk financing; where possible, this could include allocating a portion of national contingency funds (e.g., disaster response/management funds) towards anticipatory action.

Alongside the need for increased funding, it is imperative that these resources are accessible to all and organized in a more coordinated manner. One way to achieve this is to reduce bureaucratic hurdles, meaning that more organizations – especially those operating at the local level – can access these funds more easily (**Section 3.3**). This in turn could lead to more coordinated frameworks in which each organization focuses on what it does best.

### 2 Continue to build the evidence of how anticipatory action helps people

In a time of severe budget cuts and shrinking humanitarian resources, it is more important than ever to demonstrate the many benefits of anticipatory action: how it saves lives, reduces human suffering and uses humanitarian funding efficiently, and how it ensures that every dollar spent delivers greater impact. This body of evidence is expanding year on year (**Section 3.2**), but there remain gaps in the collective knowledge. At the same time, there is a need to present evidence in ways that are accessible not just to donors, but also to practitioners. Making evidence more widely available and actionable enables governments and organizations to learn from one another, scale up successful



A man enjoys a drink at a cooling centre during the heat wave in Bangladesh.

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approaches, and refine their own systems to be more practical, cost-effective and impactful.

Beyond strengthening operational coordination (**Section 3.3**), greater collaboration around learning and data-sharing is essential. Several countries developed joint evaluation plans in 2024 to generate collective evidence and ultimately improve anticipatory action systems; others should adopt this promising approach.

### 3 Nurture the shift towards national-level institutionalization

Addressing funding gaps, and better coordinating the funding that is available, is one of the many areas where governments can play a leading role (**Section 3.3**). This requires the relevant ministries (or similar governmental bodies) to take ‘ownership’ of the anticipatory action systems within their countries, thus helping to ensure that they become more robust and sustainable over time. Evidence from 2024 indicates that institutionalization is already under way in several countries (**Figure 16**). Providing the necessary support to strengthen these efforts and expand them elsewhere – through capacity strengthening, the exchange of knowledge or sharing best practices – will allow even more countries to anticipate hazards and act early.

### 4 Continue to scale up anticipatory action to more countries, more regions and more hazards

While 48 countries had active frameworks for anticipatory action in 2024 (**Section 2.3**), often these only cover specific regions or cities; it does not mean the whole country is ready to act ahead of a hazard. The push for more coordinated anticipatory action (**Section 3.3**) and towards government-led systems (**Section 2.2**) offer clear pathways for expanding this approach and achieving broader and more consistent coverage across countries.

Furthermore, there is a need to test how the anticipatory approach can be applied to further types of hazards, building on the progress made in terms of health-related crises and population movement, among others. At the same time, this approach must be tested in, and adapted to, the increasingly complex risk situations in which many people live, particularly places where conflict exacerbates the impacts of other hazards.

The meaningful participation of the people most at risk remains essential for scaling up this approach. Actively involving vulnerable communities in the design and implementation of anticipatory action will strengthen its effectiveness and increase local ownership and, ultimately, build people’s resilience in the face of future threats.

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# Annex 1: How the data was collected

The data presented in Section 2 of this report was collected from several sources:

- The member organizations of the Anticipatory Action Task Force (AATF)<sup>11</sup> were asked to submit data about their activations, frameworks and frameworks under development.
- An online survey was created for other organizations to submit data. The Anticipation Hub promoted this survey through its partner network, its newsletter and its main social media channel (LinkedIn). The survey was also shared with members of the Grand Bargain Secretariat.
- Data from other reports that collected information on anticipatory action in 2024, notably the mapping exercises in Asia-Pacific ([TWGAA 2024](#)) and Latin America and the Caribbean, were included.

All the data submitted were collated into tables (see Annex 2), checked for duplication and missing information, and sent to the organizations that submitted it for verification. Data that could not be verified were excluded from the final data sets.



A girl collects water from a restored tube well in Sindhuli, Nepal, which was supported by Start Fund Nepal. © World Vision

This approach continues that used for the report looking at 2023 ([Anticipation Hub 2024b](#)) but differs from the first report in this series ([Anticipation Hub 2023](#)), for which a desk review was conducted and the AATF members were then asked to verify this data. Some of the increases seen when comparing the data from 2022 with that from 2023 and 2024 can be explained by this change in methodology. When citing the figures in this report, especially year-on-year comparisons, this caveat needs to be included.

It is important to acknowledge the limitations of this method of data collection. As reporting is voluntary, it is likely that some frameworks and activations have been missed, particularly where organizations were unaware of the exercise and/or lacked the capacity to report by the deadlines given. This may include many of the locally led and more informal anticipatory action initiatives around the world. The Anticipation Hub will continue to review and revise the methods used to collect data for this report series. For now, however, these figures should be cited as minimum totals, rather than absolute figures; for example, the number of active frameworks for 2024 represents the figure collected through our surveys, rather than the (likely) total number in place worldwide.

The categories used for anticipatory actions (see [Section 2.4](#)) were developed using the data submitted for previous editions in this series. The many specific types of actions were organized into the categories, which were then reviewed by experts. For this report, organizations submitting data were asked to select from this list of categories, rather than list the individual types of actions used in activations or listed in frameworks. A breakdown of the types of actions included under each category is available in Annex 3.

The data on institutionalization (Figures 16 and 17) were collected through responses to an online survey of country and regional experts. In total, data was submitted for 46 countries. While efforts were made to ensure the accuracy and consistency of these responses, and to verify the assessments made, the findings are, inherently, indicative and non-exhaustive. Each response is a subjective assessment and may include biases, misperceptions or information gaps; it is intended to provide a tentative snapshot of the level of institutionalization in each country, not a definitive evaluation.<sup>12</sup>

## Annex 2: Tables A1, A2 and A3

**Table A1. Activations in 2024**

| Month       | Country                          | Hazard                   | Coordinating organization(s)    | Funding organization(s)                             | Implementing organization(s)                                                                 | Government organization(s)                                                                  | Funding (US\$) | People reached                                                     | Anticipatory actions implemented                                                               | Notes                                                                                                                                                                         | Pre-identified areas, or areas selected after trigger reached | Fragile, conflict- or violence-affected areas |
|-------------|----------------------------------|--------------------------|---------------------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------|
| January     | Colombia                         | Drought/dry spell        | Start Network                   | Start Network                                       | Age International (on behalf of HelpAge); CADENA; GOAL; World Jewish Relief; World Vision UK |                                                                                             | \$383,142      | 8,185                                                              | Capacity building; Cash and voucher assistance; Health; Protection, gender and inclusion; WASH |                                                                                                                                                                               | Pre-identified areas                                          | No                                            |
|             | Lesotho                          | Drought/dry spell        | WFP                             | WFP HQ Trust Fund                                   | WFP                                                                                          | Government of Lesotho                                                                       | -              | 828,101                                                            | Agriculture; Cash and voucher assistance; Early warnings; WASH                                 | The financing amount is listed as zero because the funds were disbursed in 2023 for this 2023/2024 activation.                                                                |                                                               |                                               |
|             | Mongolia                         | Dzud                     | FAO                             | FAO SFERA                                           | FAO; local implementing partners                                                             | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA           | \$254,390      | 8,640                                                              | Capacity building; Cash and voucher assistance; Livestock                                      | Financing provided to SFERA by multiple donors.                                                                                                                               | Pre-identified areas                                          |                                               |
|             | Mongolia                         | Dzud                     | Start Network                   | Start Network                                       | Save the Children UK; World Vision UK                                                        |                                                                                             | \$383,142      | 9,740                                                              | Capacity building; Cash and voucher assistance; Livestock; Protection, gender and inclusion    |                                                                                                                                                                               | Pre-identified areas                                          | No                                            |
|             | Nepal                            | Cold wave/heavy snowfall | Save the Children International | Save the Children International (Humanitarian Fund) | Save the Children Nepal                                                                      | DHM; local governments; municipal emergency operation centres                               | \$23,500       | 10,252                                                             | Early warnings; Non-food support                                                               |                                                                                                                                                                               | Pre-identified areas                                          | No                                            |
|             | Pakistan                         | Drought/dry spell        | Save the Children Pakistan      | Save the Children International (Humanitarian Fund) | Save the Children Pakistan; TKF                                                              | District Disaster Management Authority; district livestock and agriculture departments; PMD | \$92,000       | 11,213                                                             | Agriculture; Capacity building; Cash and voucher assistance; Early warnings; Livestock         |                                                                                                                                                                               | Pre-identified areas                                          | No                                            |
|             | Philippines                      | Drought/dry spell        | Oxfam                           | ECHO; Oxfam International Asia                      | COM; Manila Observatory; Oxfam Pilipinas; PDRRN                                              | BARMM MILG; BARMM READI                                                                     | \$44,432       | 3,135                                                              | Agriculture; Food and nutrition; WASH; other                                                   | Other actions: IEC materials on El Niño. The SUPREME BARMM project is implemented in the Special Geographic Areas of the BARMM, which has experienced many years of conflict. | Pre-identified areas                                          | Yes                                           |
| Timor-Leste | Drought/dry spell                | OCHA                     | CERF                            | FAO; UNICEF                                         | Government of Timor-Leste                                                                    | \$2,080,000                                                                                 | 31,818         | Agriculture; Cash and voucher assistance; Food and nutrition; WASH |                                                                                                | Areas selected after the trigger was reached                                                                                                                                  | Yes                                                           |                                               |
| February    | Democratic Republic of the Congo | Riverine flood           | Start Network                   | Start Network                                       | CAFOD; Caritas Kindu                                                                         |                                                                                             | \$1,436,782    | 47,968                                                             | Capacity building; Cash and voucher assistance; Early warnings; WASH                           |                                                                                                                                                                               | Pre-identified areas                                          | Yes                                           |
|             | Ecuador                          | Storm-induced flood      | Start Network                   | Start Network                                       | Age International (on behalf of HelpAge); CADENA; Hacienda Panas; World Vision UK            |                                                                                             | \$268,774      | 4,484                                                              | Capacity building; Early warnings                                                              |                                                                                                                                                                               | Pre-identified areas                                          | No                                            |
|             | Kyrgyzstan                       | Cold wave/heavy snowfall | WFP                             | WFP                                                 | WFP                                                                                          |                                                                                             | \$88,731       | 3,561                                                              | Cash and voucher assistance; Livestock                                                         | People reached indicates those reached through anticipatory cash transfers.                                                                                                   | Pre-identified areas                                          | No                                            |

**Notes**

For financial amounts provided in other currencies, the average exchange rates to US dollars for 2024 were taken from the Internal Revenue Service website: [tinyurl.com/mruk9b6b](https://www.irs.gov/irb/2024-12/irb24-1201a.html). If average annual rates were not available, the rate for 31 December 2024 was used, taken from the XE website: [tinyurl.com/5knkwzj9](https://www.xe.com/).

Figures listed in italics indicate that data about the number of people reached was not available, so the number of people targeted was used as an estimate.

Some activations record people reached by households, not individuals. To estimate the number of people, data for the average household size per country was taken from the UN's Department of Economic and Social Affairs: [tinyurl.com/yckfvyth](https://www.un.org/development/desa/indicators/).

Activations noted as taking place in fragile, conflict- or violence-affected areas were verified against the World Bank's classification for 2024: [tinyurl.com/k7nrj6ew](https://www.worldbank.org/en/indicators/kyrgyzstan). Explanations for countries not listed in this classification are listed under 'Notes'.

Not all types of actions require the same level of financial input to reach people; these figures should therefore not be used for cost-per-person calculations.

There is an error of US\$2 for the total amount of financing; this is due to rounding the amounts to the nearest full dollar.

Activations that could not be verified (i.e., confirmed by the coordinating organization) were excluded.

| Month    | Country                          | Hazard                                   | Coordinating organization(s)    | Funding organization(s)        | Implementing organization(s)                                                                                            | Government organization(s)                                   | Funding (US\$) | People reached | Anticipatory actions implemented                                                                                    | Notes                                                                                                                                                                         | Pre-identified areas, or areas selected after trigger reached | Fragile, conflict- or violence-affected areas |
|----------|----------------------------------|------------------------------------------|---------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|----------------|---------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------|
| February | Madagascar                       | Drought/dry spell                        | Start Network                   | Start Network                  | Action Against Hunger; Care International; CRS - United States Conference of Catholic Bishops; HI; Save the Children UK |                                                              | \$2,298,851    | 88,944         | Cash and voucher assistance; Food and nutrition; WASH; other                                                        | Other actions: education.                                                                                                                                                     | Pre-identified areas                                          | No                                            |
|          | Palestine                        | Food insecurity                          | Start Network                   | Start Network                  | ActionAid; Age International (on behalf of HelpAge); PARC                                                               |                                                              | \$625,798      | 152,910        | Food and nutrition                                                                                                  |                                                                                                                                                                               | Pre-identified areas                                          | Yes                                           |
|          | Philippines                      | Drought/dry spell                        | FAO                             | DG ECHO                        | FAO; local implementing partners                                                                                        | DSWD                                                         | \$350,000      | 16,203         | Agriculture; Cash and voucher assistance                                                                            |                                                                                                                                                                               | Pre-identified areas                                          |                                               |
|          | Philippines                      | Other                                    | Oxfam                           | ECHO                           | COM; Manila Observatory; PDRRN                                                                                          |                                                              | \$18,000       | 3,000          | Agriculture; Early warnings; Protecting assets                                                                      | Hazard: El Niño.                                                                                                                                                              | Pre-identified areas                                          |                                               |
|          | Somalia                          | Flood                                    | Danish Refugee Council          | ECHO                           | Danish Refugee Council                                                                                                  |                                                              | \$145,860      | 715            | Cash and voucher assistance                                                                                         | Activation done as part of the Somalia Cash Consortium.                                                                                                                       | Pre-identified areas                                          | Yes                                           |
|          | Somalia                          | Riverine flood                           | OCHA                            | CBPF-Somalia Humanitarian Fund | ACTED; Alight; ASEP; AYUUB; SEA; Trócaire                                                                               |                                                              | \$2,996,149    | 188,300        | Cash and voucher assistance; Health; Protection, gender and inclusion; WASH                                         |                                                                                                                                                                               | Pre-identified areas                                          | Yes                                           |
|          | Timor-Leste                      | Drought/dry spell                        | World Vision Timor-Leste        | AHP Disaster READY project     |                                                                                                                         |                                                              | \$144,302      | 3,306          | Agriculture; Cash and voucher assistance; Livestock; WASH; other                                                    | Other actions: monitoring activities.                                                                                                                                         |                                                               |                                               |
| March    | Guatemala                        | Drought/dry spell                        | Start Network                   | Start Network                  | CADENA; World Vision UK                                                                                                 |                                                              | \$510,856      | 39,992         | Capacity building; Cash and voucher assistance; Early warnings; Food and nutrition; WASH                            |                                                                                                                                                                               | Pre-identified areas                                          | No                                            |
|          | Lao People's Democratic Republic | Drought/dry spell                        | FAO                             | DG ECHO                        | FAO; local implementing partners                                                                                        | Ministry of Labour and Social Welfare                        | \$345,326      | 26,074         | Agriculture; Cash and voucher assistance; Early warnings                                                            |                                                                                                                                                                               | Pre-identified areas                                          |                                               |
|          | Madagascar                       | Cyclone/hurricane/tropical storm/typhoon | Start Network                   | Start Network                  | Care International; CRS - United States Conference of Catholic Bishops; HI; Medair; Save the Children UK                |                                                              | \$1,443,167    | 118,657        | Cash and voucher assistance; Economic activities; Food and nutrition; Protection, gender and inclusion; WASH; other | Other actions: education.                                                                                                                                                     | Pre-identified areas                                          | No                                            |
|          | Viet Nam                         | Drought/dry spell                        | FAO                             | DG ECHO                        | FAO; local implementing partners                                                                                        | VDDMA                                                        | \$120,000      | 3,880          | Agriculture; Cash and voucher assistance; Protecting assets                                                         |                                                                                                                                                                               | Pre-identified areas                                          |                                               |
| April    | Bangladesh                       | Heat wave                                | Bangladesh Red Crescent Society | IFRC                           | Bangladesh Red Crescent Society                                                                                         |                                                              | \$282,940      | 123,700        | Cash and voucher assistance; Cooling; Early warnings; Health; Protection, gender and inclusion; WASH                |                                                                                                                                                                               |                                                               | No                                            |
|          | Cambodia                         | Drought/dry spell                        | FAO                             | FAO SFERA                      | FAO; local implementing partners                                                                                        | MAFF                                                         | \$500,000      | 14,059         | Cash and voucher assistance; Early warnings                                                                         | Financed by a contribution from Germany to SFERA.                                                                                                                             | Pre-identified areas                                          |                                               |
|          | Costa Rica                       | Population movement                      | Start Network                   | Start Network                  | CADENA; World Vision UK                                                                                                 |                                                              | \$559,387      | 101,378        | Food and nutrition; Health; Protection, gender and inclusion; Shelter; WASH                                         |                                                                                                                                                                               | Pre-identified areas                                          | No                                            |
|          | Pakistan                         | Heat wave                                | WHH                             | GFFO; WHH                      | AGAHE; CDF; Muslim Aid                                                                                                  | National and provincial disaster management authorities; PMD | \$216,450      | 191,047        | Capacity building; Cooling; Early warnings; Health; Non-food support                                                |                                                                                                                                                                               | Pre-identified areas                                          | No                                            |
|          | Philippines                      | Drought/dry spell                        | Oxfam                           | ECHO; Oxfam International Asia | COM; Manila Observatory; Oxfam Pilipinas; PDRRN                                                                         | BARMM MILG; BARMM READI                                      | \$ 23,849      | 2,530          | Cash and voucher assistance; Food and nutrition; WASH; other                                                        | Other actions: IEC materials on El Niño. The SUPREME BARMM project is implemented in the Special Geographic Areas of the BARMM, which has experienced many years of conflict. | Pre-identified areas                                          | Yes                                           |

| Month | Country    | Hazard                                   | Coordinating organization(s)                                                | Funding organization(s)                             | Implementing organization(s)                                                                                                  | Government organization(s)                                                        | Funding (US\$) | People reached | Anticipatory actions implemented                                                                                                                                                                  | Notes                                                                                                         | Pre-identified areas, or areas selected after trigger reached | Fragile, conflict- or violence-affected areas |
|-------|------------|------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------|
| April | Somalia    | Flood                                    | WFP                                                                         | WFP HQ Trust Fund                                   | WFP                                                                                                                           | Government of Somalia                                                             | \$1,400,000    | 1,899,600      | Cash and voucher assistance; Early warnings; Non-food support                                                                                                                                     | People reached indicates those reached through early warnings; 79,512 people also received anticipatory cash. | Pre-identified areas                                          | Yes                                           |
|       | Somalia    | Storm-induced flood                      | Start Network                                                               | Start Network                                       | ActionAid; CPD                                                                                                                |                                                                                   | \$382,658      | 17,506         | Capacity building; Cash and voucher assistance; Early warnings; Health; WASH                                                                                                                      |                                                                                                               | Pre-identified areas                                          | Yes                                           |
| May   | Angola     | Drought/dry spell                        | Start Network                                                               | Start Network                                       | People In Need; World Vision UK                                                                                               |                                                                                   | \$510,856      | 29,520         | Capacity building; WASH                                                                                                                                                                           |                                                                                                               | Pre-identified areas                                          | No                                            |
|       | Angola     | Drought/dry spell                        | UNICEF                                                                      | UNICEF                                              | UNICEF                                                                                                                        |                                                                                   | \$370,000      | 1,200,000      | Capacity building; Early warnings; Protection, gender and inclusion                                                                                                                               |                                                                                                               | Pre-identified areas                                          | No                                            |
|       | Bangladesh | Cyclone/hurricane/tropical storm/typhoon | ACF; Cordaid; NIRAPAD; Plan International Bangladesh; RIMES; United Purpose | ECHO                                                | SMKK; South Asia Partnership Bangladesh; Uttaran                                                                              | BMD; CPP; Department of Disaster Management; RIMES                                | \$200,000      | 12,000         | Agriculture; Capacity building; Cash and voucher assistance; Early warnings; Evacuation; Fisheries and aquaculture; Livestock; Protecting assets; Protection, gender and inclusion; Shelter; WASH |                                                                                                               | Pre-identified areas                                          | No                                            |
|       | Bangladesh | Cyclone/hurricane/tropical storm/typhoon | Jago Nari; Oxfam                                                            | DFAT (ANCP)                                         | Jago Nari; Oxfam                                                                                                              |                                                                                   | \$93,668       | 3,030          | Cash and voucher assistance; Early warnings; other                                                                                                                                                | Other actions: coordination.                                                                                  | Pre-identified areas                                          | No                                            |
|       | Bangladesh | Cyclone/hurricane/tropical storm/typhoon | Start Network                                                               | Start Network                                       | AVAS; Care International; Caritas Bangladesh; CNRS; Coast Foundation; DAM Sankalpa Trust; Islamic Relief; Muslim Aid; Uttaran |                                                                                   | \$229,885      | 26,221         | Cash and voucher assistance; Economic activities; Flood prevention; Food and nutrition; Health; Non-food support; Protection, gender and inclusion; Shelter; WASH; other                          | Other actions: education.                                                                                     | Pre-identified areas                                          | No                                            |
|       | Bangladesh | Cyclone/hurricane/tropical storm/typhoon | WFP                                                                         | WFP HQ Trust Fund                                   | WFP                                                                                                                           | Government of Bangladesh                                                          | \$1,600,000    | 500,000        | Cash and voucher assistance; Early warnings                                                                                                                                                       | People reached indicates those reached through early warning messages; 150,000 also received cash transfers.  | Pre-identified areas                                          | No                                            |
|       | Bangladesh | Cyclone/hurricane/tropical storm/typhoon | WVI                                                                         | World Vision Bangladesh Emergency Fund              |                                                                                                                               |                                                                                   | \$11,176       | 2,668          | Early warnings; Evacuation; Food and nutrition; WASH                                                                                                                                              |                                                                                                               |                                                               |                                               |
|       | Bangladesh | Flash flood                              | CARE Bangladesh                                                             | ECHO                                                |                                                                                                                               |                                                                                   | \$72,465       | 17,950         | Cash and voucher assistance; Early warnings; Evacuation; Livestock; Shelter; WASH                                                                                                                 |                                                                                                               |                                                               |                                               |
|       | Bangladesh | Flash flood                              | FAO                                                                         | DG ECHO                                             | FAO; local implementing partners                                                                                              | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA | \$400,000      | 29,239         | Livestock; Protecting assets                                                                                                                                                                      |                                                                                                               | Pre-identified areas                                          |                                               |
|       | Bangladesh | Multi-hazard                             | Save the Children Bangladesh                                                | Save the Children International (Humanitarian Fund) | MJSKS; Save the Children Bangladesh                                                                                           | BMD; RIMES                                                                        | \$19,000       | 8,165          | Capacity building; Cash and voucher assistance; Cooling; Early warnings; Non-food support; Protecting assets; Protection, gender and inclusion; WASH                                              | Hazards: drought; heat wave.                                                                                  | Pre-identified areas                                          | No                                            |
|       | Burundi    | Flood                                    | WFP                                                                         | ECHO; World Bank                                    | WFP                                                                                                                           | Government of Burundi                                                             | \$350,641      | 21,710         | Cash and voucher assistance                                                                                                                                                                       |                                                                                                               |                                                               |                                               |

| Month | Country     | Hazard                                      | Coordinating organization(s) | Funding organization(s) | Implementing organization(s)                                                                                  | Government organization(s)                                                                                                                                                   | Funding (US\$) | People reached | Anticipatory actions implemented                                                                                                                                                                       | Notes                                                                                                                                                                                                       | Pre-identified areas, or areas selected after trigger reached | Fragile, conflict- or violence-affected areas |
|-------|-------------|---------------------------------------------|------------------------------|-------------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------|
| May   | El Salvador | Drought/dry spell                           | Oxfam                        | MACP                    | CORDES; Fundación Campo                                                                                       | DGOA                                                                                                                                                                         | \$61,315       | 2,616          | Agriculture; Early warnings; Economic activities                                                                                                                                                       | Framework activated while still under development. Areas were selected within the context of the ATECA project. Despite the state of emergency that is in place, El Salvador remains sensitive to conflict. | Pre-identified areas                                          | Yes                                           |
|       | Guatemala   | Drought/dry spell                           | Oxfam                        | MACP                    | ASEDECHI; Asociación Corazón del Maiz                                                                         | INSIVUMEH                                                                                                                                                                    | \$55,923       | 4,500          | Agriculture; Early warnings; Economic activities                                                                                                                                                       | Framework activated while still under development. Areas were selected within the context of the ATECA project.                                                                                             | Pre-identified areas                                          | No                                            |
|       | Madagascar  | Drought/dry spell                           | UNICEF                       | UNICEF                  | UNICEF                                                                                                        | Regional government                                                                                                                                                          | \$500,000      | 250,000        | Capacity building; Cash and voucher assistance; Food and nutrition; Protection, gender and inclusion; WASH                                                                                             |                                                                                                                                                                                                             | Pre-identified areas                                          | No                                            |
|       | Mali        | Riverine flood                              | Oxfam                        | DGD                     | Action Mopti; G-FORCE                                                                                         | Direction Nationale du Génie Rural; Service de Développement Social et de l'Economie Solidaire                                                                               | \$40,609       | 3,600          | Flood prevention; WASH                                                                                                                                                                                 |                                                                                                                                                                                                             | Pre-identified areas                                          | Yes                                           |
|       | Namibia     | Drought/dry spell                           | UNICEF                       | UNICEF                  | UNICEF                                                                                                        |                                                                                                                                                                              | \$350,000      | 1,203,219      | Early warnings; Food and nutrition; Protection, gender and inclusion                                                                                                                                   |                                                                                                                                                                                                             | Pre-identified areas                                          | No                                            |
|       | Pakistan    | Heat wave                                   | Start Network                | Start Network           | BSDSB; Doaba Foundation; LHDP; Mercy Corps; Muslim Hands UK; PRDS                                             |                                                                                                                                                                              | \$625,139      | 80,765         | Health; Non-food support; Shelter; WASH; other                                                                                                                                                         | Other actions: education.                                                                                                                                                                                   | Pre-identified areas                                          | No                                            |
|       | South Sudan | Population movement                         | Danish Refugee Council       | ECHO                    | Danish Refugee Council; local peace committees                                                                |                                                                                                                                                                              | \$40,043       | 325            | Conflict prevention; Protection, gender and inclusion                                                                                                                                                  |                                                                                                                                                                                                             | Pre-identified areas                                          | Yes                                           |
|       | Zimbabwe    | Drought/dry spell                           | ACF                          | WHH                     | NAZ                                                                                                           | District authorities                                                                                                                                                         | \$162,338      | 3,004          | Cash and voucher assistance                                                                                                                                                                            |                                                                                                                                                                                                             | Pre-identified areas                                          | Don't know                                    |
| June  | Greece      | Heat wave                                   | Hellenic Red Cross           | IFRC                    | Hellenic Red Cross                                                                                            |                                                                                                                                                                              | \$72,531       | 2,000          | Cooling; Early warnings; Food and nutrition; Health; WASH                                                                                                                                              |                                                                                                                                                                                                             |                                                               | No                                            |
|       | Guatemala   | Cyclone/ hurricane/ tropical storm/ typhoon | Start Network                | Start Network           | ASECSA; ASEDE; CADENA; CUC                                                                                    |                                                                                                                                                                              | \$510,856      | 17,863         | Capacity building; Early warnings; Food and nutrition; Protection, gender and inclusion; Shelter; WASH                                                                                                 |                                                                                                                                                                                                             | Pre-identified areas                                          | No                                            |
|       | Guatemala   | Flood                                       | IRC                          | Trafigura Foundation    | IRC                                                                                                           |                                                                                                                                                                              | \$38,000       | 1,402          | Capacity building; Cash and voucher assistance; Early warnings                                                                                                                                         | People reached: 292 HH.                                                                                                                                                                                     | Areas selected after the trigger was reached                  | No                                            |
|       | Iraq        | Drought/dry spell                           | World Vision EARO            | ADH                     | World Vision Iraq                                                                                             | Directorate of Agriculture (Ninawa); Directorate of Education (Ninawa); Hatra Ministry of Environment; mayor of Hatra; Meterological Department (Ninawa); Province of Ninawa | \$33,557       | 7,657          | Capacity building; Cash and voucher assistance; Early warnings                                                                                                                                         |                                                                                                                                                                                                             | Pre-identified areas                                          | Yes                                           |
|       | Pakistan    | Flood                                       | WHH                          | GFFO; WHH               | ACTED; ACF; AGAHE; BSDSB; Helpage; Help Foundation; IDEA; Lasoona; LHDP; Muslim Aid; Muslim Hands; NIDA; RCDS | National and provincial disaster management authorities; PMD                                                                                                                 | \$552,827      | 3,136          | Capacity building; Cash and voucher assistance; Early warnings; Evacuation; Flood prevention; Food and nutrition; Non-food support; Protection, gender and inclusion; Protecting assets; Shelter; WASH |                                                                                                                                                                                                             | Pre-identified areas                                          | No                                            |

| Month | Country     | Hazard                    | Coordinating organization(s)    | Funding organization(s)                             | Implementing organization(s)                        | Government organization(s)                                                        | Funding (US\$) | People reached | Anticipatory actions implemented                                                        | Notes                                                                                                                                | Pre-identified areas, or areas selected after trigger reached | Fragile, conflict- or violence-affected areas |
|-------|-------------|---------------------------|---------------------------------|-----------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------|----------------|----------------|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------|
| July  | Bangladesh  | Flood                     | WFP                             | WFP HQ Trust Fund                                   | WFP                                                 | Government of Bangladesh                                                          | \$1,000,000    | 1,500,000      | Capacity building; Cash and voucher assistance; Early warnings                          | People reached indicates those reached through early warning messages; 478,140 also received cash transfers.                         | Pre-identified areas                                          | No                                            |
|       | Bangladesh  | Riverine flood            | Bangladesh Red Crescent Society | IFRC                                                | Bangladesh Red Crescent Society                     |                                                                                   | \$294,474      | 50,000         | Cash and voucher assistance; Early warnings; Health; Protection, gender and inclusion   |                                                                                                                                      |                                                               | No                                            |
|       | Bangladesh  | Riverine flood            | CARE Bangladesh                 | ECHO                                                |                                                     |                                                                                   | \$81,000       | 37,574         | Cash and voucher assistance; Early warnings; Evacuation; Livestock; Shelter; WASH       |                                                                                                                                      |                                                               |                                               |
|       | Bangladesh  | Riverine flood            | GiveDirectly                    | Google.org                                          | GiveDirectly; JBA Consulting                        | FFWC                                                                              | \$80,000       | 77,400         | Cash and voucher assistance; Early warnings                                             | People reached: 18,000 HH.                                                                                                           | Pre-identified areas                                          | No                                            |
|       | Bangladesh  | Riverine flood            | OCHA                            | CERF                                                | FAO; UNFPA; UNICEF; WFP                             | Government of Bangladesh (BMD; MoDMR)                                             | \$6,200,000    | 388,000        | Cash and voucher assistance; Early warnings; Health; Livestock; Protecting assets; WASH |                                                                                                                                      | Pre-identified areas                                          | No                                            |
|       | Burundi     | Drought/dry spell         | WFP                             | ECHO; World Bank                                    | WFP                                                 | Government of Burundi                                                             | \$85,132       | 6,115          | Cash and voucher assistance                                                             |                                                                                                                                      |                                                               |                                               |
|       | Nicaragua   | Storm-induced flood       | Start Network                   | Start Network                                       | Educo; Save the Children UK                         |                                                                                   | \$255,428      | 10,200         | Food and nutrition; Health; Protection, gender and inclusion; Shelter; WASH             |                                                                                                                                      | Pre-identified areas                                          | No                                            |
|       | Philippines | Disease outbreak/epidemic | Start Network                   | Start Network                                       | HI; PhilRADS; Relief International; World Vision UK |                                                                                   | \$383,142      | 19,710         | Capacity building; Health; WASH                                                         |                                                                                                                                      | Pre-identified areas                                          | No                                            |
|       | Philippines | Flood                     | WVI                             | Local disaster risk reduction and management fund   |                                                     |                                                                                   | \$34,432       | 5,000          | Food and nutrition; Shelter                                                             |                                                                                                                                      |                                                               |                                               |
|       | Philippines | Riverine flood            | Oxfam                           | ECHO                                                | COM; HI; Manila Observatory; Oxfam Pilipinas        | BARMM MSSD; BARMM READI                                                           | \$7,840        | 1,150          | Livestock; Non-food support                                                             | The SUPREME BARMM project is implemented in the Special Geographic Areas of the BARMM, which has experienced many years of conflict. | Pre-identified areas                                          | Yes                                           |
|       | South Sudan | Flood                     | World Vision                    | ADH                                                 | World Vision South Sudan                            | Disaster Management Authority                                                     | \$114,526      | 36,650         | Capacity building; Cash and voucher assistance; Early warnings                          |                                                                                                                                      | Pre-identified areas                                          | Yes                                           |
|       | South Sudan | Multi-hazard              | Save the Children South Sudan   | Save the Children International (Humanitarian Fund) | Save the Children South Sudan                       | Ministry of Water Resources and Irrigation                                        | \$150,000      | 7,000          | Early warnings; Flood prevention; WASH                                                  | Hazards: disease outbreak; flood.                                                                                                    | Pre-identified areas                                          | Partly                                        |
|       | Venezuela   | Riverine flood            | FAO                             | FAO SFERA                                           | FAO; local implementing partners                    | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA | \$500,000      | 7,786          | Early warnings; Flood prevention; Livestock                                             | Financed by a contribution from Belgium to SFERA.                                                                                    | Pre-identified areas                                          | Yes                                           |

| Month  | Country     | Hazard                     | Coordinating organization(s) | Funding organization(s)      | Implementing organization(s)                                                                                         | Government organization(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Funding (US\$) | People reached | Anticipatory actions implemented                                                                  | Notes                                                                                                                                                                            | Pre-identified areas, or areas selected after trigger reached | Fragile, conflict- or violence-affected areas |
|--------|-------------|----------------------------|------------------------------|------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------|
| July   | Zimbabwe    | Drought/dry spell          | WHH                          | GFFO                         | ACF; NAZ                                                                                                             | District development coordinator; Meteorological Services Department                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | \$162,338      | 3,000          | Cash and voucher assistance                                                                       |                                                                                                                                                                                  | Pre-identified areas                                          | No                                            |
|        | Zimbabwe    | Drought/dry spell          | WHH                          | GFFO                         | FCTZ; WHH Zimbabwe                                                                                                   | Agritex; Department of Civil Protection; Department of Social Development; District Development Coordinator Office; district livestock trusts; Division of Veterinary Services; Environmental Management Agency; Ministry of Health and Child Care; Ministry of Women Affairs, Community, Small and Medium Enterprises Development; National Meteorological Services Department; Office of the President and Cabinet; Provincial Meteorological Services Department; Public Works and National Housing; Rural District Council; Rural Infrastructure Development Agency; Zimbabwe Republic Police; Zim Parks | \$162,338      | 9,947          | Livestock; WASH                                                                                   |                                                                                                                                                                                  | Pre-identified areas                                          | No                                            |
| August | Colombia    | Storm-induced flood        | FAO                          | FAO SFERA                    | FAO; local implementing partners                                                                                     | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | \$1,600,000    | 45,918         | Agriculture; Capacity building; Livestock                                                         | Financed by contributions from Belgium and Germany to SFERA.                                                                                                                     | Pre-identified areas                                          | Yes                                           |
|        | Ethiopia    | Drought/dry spell          | OCHA                         | CERF                         | FAO; IOM; UNICEF; WFP; WHO                                                                                           | Government of Ethiopia (EDRMC; Regional Health Bureau; Regional Water Bureau; Risk Management Commission)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | \$10,000,000   | 1,316,741      | Agriculture; Capacity building; Cash and voucher assistance; Livestock; WASH                      |                                                                                                                                                                                  | Areas selected after the trigger was reached                  | Yes                                           |
|        | Nepal       | Multi-hazard               | People In Need               | ECHO                         | Save the Children                                                                                                    | Local governments (Barabise Municipality; Bhotekoshi Rural Municipality; Uttargaya Rural Municipality)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | \$28,000       | 1,187          | Evacuation; Non-food support; Protection, gender and inclusion; Shelter; WASH                     | Hazards: flash flood; landslide. People reached: 276 HH.                                                                                                                         |                                                               |                                               |
|        | Nigeria     | Riverine flood             | GiveDirectly                 | Google.org                   | GiveDirectly                                                                                                         | NIHSA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | \$1,500,000    | 4,619          | Cash and voucher assistance; Early warnings                                                       | This was a two-part activation, with a second disbursement ahead of floods in October.                                                                                           | Pre-identified areas                                          | No                                            |
|        | Pakistan    | Riverine flood             | Start Network                | Start Network                | AGAHE; Azat Foundation; Care International UK; Doaba Foundation; HANDS; Help Foundation; RDF; REEDS; SWRDO; TearFund |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | \$879,221      | 92,291         | Economic activities; Evacuation; Flood prevention; Health; Non-food support; Shelter; WASH; other | Other actions: education.                                                                                                                                                        | Pre-identified areas                                          | No                                            |
|        | Philippines | Disease outbreak/ epidemic | WVI                          | IADOR project; Start Network |                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | \$95,785       | 164,959        | Capacity building; Cash and voucher assistance; Early warnings; Health; WASH                      | Activation was for dengue.                                                                                                                                                       |                                                               |                                               |
|        | Somalia     | Drought/dry spell          | FAO                          | FAO SFERA                    | FAO; local implementing partners                                                                                     | SodMA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | \$3,000,000    | 100,032        | Cash and voucher assistance; Early warnings; Livestock                                            | The framework is under development but well advanced and the proposed triggers were piloted through this activation. Financed by contributions from Germany and Norway to SFERA. | Pre-identified areas                                          | Yes                                           |

| Month      | Country                          | Hazard              | Coordinating organization(s)                                    | Funding organization(s)          | Implementing organization(s)                                                                                               | Government organization(s)                                                                                                             | Funding (US\$) | People reached                           | Anticipatory actions implemented                                                                                                                    | Notes                                                                                                              | Pre-identified areas, or areas selected after trigger reached | Fragile, conflict- or violence-affected areas |
|------------|----------------------------------|---------------------|-----------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------|
| September  | Brazil                           | Drought/dry spell   | Start Network                                                   | Start Network                    | CAFOD; Caritas Brazil                                                                                                      |                                                                                                                                        | \$285,286      | 3,006                                    | Cash and voucher assistance; Food and nutrition; Protection, gender and inclusion; WASH                                                             |                                                                                                                    | Pre-identified areas                                          | No                                            |
|            | Burkina Faso                     | Population movement | Danish Refugee Council                                          | ECHO                             | Danish Refugee Council                                                                                                     |                                                                                                                                        | \$59,524       | 740                                      | Food and nutrition; Non-food support; Protection, gender and inclusion; other                                                                       | Other actions: social cohesion activities with host community.                                                     | Pre-identified areas                                          | Yes                                           |
|            | Chad                             | Riverine flood      | OCHA                                                            | CERF                             | FAO; IOM; UNFPA; UNHCR; UNICEF; WFP; WHO                                                                                   | Government of Chad (ANAM; Ministry of Social Action, Solidarity and Humanitarian Affairs; Water Resources and Meteorology Directorate) | \$5,000,000    | 128,003                                  | Cash and voucher assistance; Early warnings; Health; Protection, gender and inclusion; Shelter; WASH                                                |                                                                                                                    | Pre-identified areas                                          | Yes                                           |
|            | El Salvador                      | Other               | Caritas of El Salvador and its dioceses; CRS; local authorities | MACP                             | Caritas of El Salvador and its dioceses; CRS; local authorities                                                            |                                                                                                                                        | \$200,000      | 10,000                                   | Agriculture; Cash and voucher assistance; Evacuation; Protecting assets                                                                             | Hazard: extreme rain and humidity.                                                                                 | Pre-identified areas                                          | No                                            |
|            | Ethiopia                         | Drought/dry spell   | Ethiopian Red Cross Society                                     | IFRC                             | Ethiopian Red Cross Society                                                                                                |                                                                                                                                        | \$235,310      | 70,000                                   | Agriculture; Cash and voucher assistance; Food and nutrition; Livestock; WASH                                                                       |                                                                                                                    |                                                               | No                                            |
|            | Ethiopia                         | Drought/dry spell   | OCHA                                                            | CBPF-Ethiopia Humanitarian Fund  | CaCH; CISP; CW; Doctors with Africa CUAMM; FIDO; GOAL; IMC; MCMDO; OWS-DF; Save the Children Fund; VSF Germany; VSF Suisse |                                                                                                                                        | \$7,982,040    | 1,115,933                                | Agriculture; Cash and voucher assistance; Economic activities; Food and nutrition; Livestock; Protection, gender and inclusion                      | This is part of the same OCHA-coordinated activation listed for August (Ethiopia, drought/dry spell).              | Areas selected after the trigger was reached                  | Yes                                           |
|            | Ethiopia                         | Drought/dry spell   | WFP                                                             | WFP HQ Trust Fund                | WFP                                                                                                                        | Government of Ethiopia                                                                                                                 | \$4,800,000    | 525,714                                  | Cash and voucher assistance; Early warnings; WASH                                                                                                   | People reached indicates those reached through early warning messages; 64,086 people also received cash transfers. | Pre-identified areas                                          | No                                            |
|            | Indonesia                        | Multi-hazard        | Save the Children Indonesia                                     | Save the Children Indonesia      | Save the Children Indonesia                                                                                                | BMKG; BNPB; PVMBG                                                                                                                      | \$45,000       | 7,000                                    | Capacity building; Cash and voucher assistance; Early warnings; Fisheries and aquaculture; Flood prevention; Protection, gender and inclusion; WASH | Activation was for floods and landslide. This is a multi-hazard framework that also covers drought and fires.      | Pre-identified areas                                          | No                                            |
|            | Kenya                            | Drought/dry spell   | Marsabit County Government; NDMA; World Vision                  | ADH                              | Anticipatory Action Working Group Marsabit; County Steering Group; World Vision                                            | NDMA                                                                                                                                   | \$117,705      | 47,244                                   | Capacity building; Early warnings; Livestock; WASH                                                                                                  |                                                                                                                    | Pre-identified areas                                          | No                                            |
|            | Lao People's Democratic Republic | Riverine flood      | FAO                                                             | FAO SFERA                        | FAO; local implementing partners                                                                                           | Ministry of Labour and Social Welfare                                                                                                  | \$100,000      | 4,000                                    | Agriculture; Livestock; Protecting assets                                                                                                           | Financed by a contribution from Belgium to SFERA.                                                                  | Pre-identified areas                                          |                                               |
|            | Madagascar                       | Locusts             | OCHA                                                            | CERF                             | FAO                                                                                                                        | Government of Madagascar                                                                                                               | \$1,000,000    | 150,000                                  | Capacity building; Early warnings; Non-food support; other                                                                                          | Other actions: farmland prospecting; pest control.                                                                 | Areas selected after the trigger was reached                  | No                                            |
|            | Malawi                           | Riverine flood      | FAO                                                             | DG ECHO ; FAO SFERA              | FAO; local implementing partners                                                                                           | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                      | \$430,000      | 17,144                                   | Capacity building; Cash and voucher assistance                                                                                                      | Financed by a contribution from Germany to SFERA.                                                                  | Pre-identified areas                                          |                                               |
|            | Mozambique                       | Drought/dry spell   | Save the Children Mozambique                                    | BHA                              | Save the Children Mozambique                                                                                               | INGD                                                                                                                                   | \$82,000       | 50,200                                   | Agriculture; Capacity building; WASH; other                                                                                                         | Other actions: monitoring activities.                                                                              | Pre-identified areas                                          | No                                            |
| Mozambique | Riverine flood                   | FAO                 | FAO SFERA                                                       | FAO; local implementing partners | INGD; SDAEs                                                                                                                | \$800,000                                                                                                                              | 18,000         | Agriculture; Cash and voucher assistance | Financed by a contribution from Germany to SFERA.                                                                                                   | Pre-identified areas                                                                                               |                                                               |                                               |

| Month     | Country     | Hazard                                      | Coordinating organization(s) | Funding organization(s)                                             | Implementing organization(s)                          | Government organization(s)                                                                   | Funding (US\$) | People reached | Anticipatory actions implemented                                                                                    | Notes                                                                                                                                                         | Pre-identified areas, or areas selected after trigger reached | Fragile, conflict- or violence-affected areas |
|-----------|-------------|---------------------------------------------|------------------------------|---------------------------------------------------------------------|-------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------|----------------|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------|
| September | Nepal       | Riverine flood                              | Nepal Red Cross Society      | IFRC                                                                | Nepal Red Cross Society                               |                                                                                              | \$32,617       | 5,454          | Early warnings; Evacuation; Non-food support; Protection, gender and inclusion; WASH                                |                                                                                                                                                               |                                                               | No                                            |
|           | Nepal       | Riverine flood                              | OCHA                         | CERF                                                                | FAO; UNFPA; UNICEF; WFP                               | Government of Nepal (DHM; NDRRMA; local disaster management committees)                      | \$3,400,000    | 138,414        | Cash and voucher assistance; Early warnings; Protecting assets; Protection, gender and inclusion; WASH              |                                                                                                                                                               | Pre-identified areas                                          | No                                            |
|           | Nigeria     | Riverine flood                              | Nigerian Red Cross Society   | IFRC                                                                | Nigerian Red Cross Society                            |                                                                                              | \$179,213      | 7,500          | Cash and voucher assistance; Early warnings                                                                         |                                                                                                                                                               |                                                               |                                               |
|           | Nigeria     | Riverine flood                              | Save the Children Nigeria    | HML Foundation; Save the Children International (Humanitarian Fund) | Save the Children Nigeria                             | NIHSA; NiMet; state emergency management agencies                                            | \$128,000      | 3,000          | Capacity building; Cash and voucher assistance; Early warnings; Flood prevention; Shelter; WASH; other              | Other actions: construction of temporary learning spaces. The initiatives were activated based on community-based, sector-specific anticipatory action plans. | Pre-identified areas                                          | No                                            |
|           | South Sudan | Riverine flood                              | WHH                          | GFFO                                                                | HARD; HRSS; WHH South Sudan                           | Ministry of Humanitarian Affairs and Disaster Management; South Sudan Meteorological Service | \$273,732      | 16,200         | Agriculture; Cash and voucher assistance; Fisheries and aquaculture; Flood prevention                               | People reached: 2,700 HH.                                                                                                                                     | Pre-identified areas                                          | Yes                                           |
| October   | Madagascar  | Disease outbreak/ epidemic                  | Start Network                | Start Network                                                       | ASOS; Doctors of the World                            |                                                                                              | \$292,465      | 6,752          | Capacity building; Health                                                                                           |                                                                                                                                                               | Pre-identified areas                                          | No                                            |
|           | Madagascar  | Locusts                                     | FAO                          | FAO SFERA                                                           | FAO; local implementing partners                      | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA            | \$500,000      | 25,000         | Agriculture; Capacity building                                                                                      | The government plan for locusts was used to guide the activation. Financed by a contribution from Norway to SFERA.                                            | Pre-identified areas                                          |                                               |
|           | Niger       | Wildfire                                    | FAO                          | FAO SFERA                                                           | FAO; local implementing partners                      | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA            | \$513,479      | 10,800         | Cash and voucher assistance; Fire prevention; Livestock                                                             | Financed by a contribution from the UK to SFERA.                                                                                                              | Pre-identified areas                                          |                                               |
|           | Philippines | Cyclone/ hurricane/ tropical storm/ typhoon | Start Network                | Start Network                                                       | HI UK                                                 |                                                                                              | \$676,300      | 23,632         | Capacity building; Cash and voucher assistance; Flood prevention; Livestock; Protection, gender and inclusion; WASH |                                                                                                                                                               | Pre-identified areas                                          | No                                            |
|           | Somalia     | Drought/dry spell                           | OCHA                         | CBPF-Somalia Humanitarian Fund                                      | Alight; GRRN; MARDI; NWO; PDA; SRDI; STS; WARDI; WRRS |                                                                                              | \$4,714,789    | 208,749        | Cash and voucher assistance; Health; Protection, gender and inclusion; WASH                                         |                                                                                                                                                               | Pre-identified areas                                          | Yes                                           |
|           | South Sudan | Riverine flood                              | FAO                          | FAO SFERA                                                           | FAO; local implementing partners                      | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA            | \$1,800,000    | 447,912        | Agriculture; Early warnings; Fisheries and aquaculture                                                              | Financed by a contribution from Germany to SFERA.                                                                                                             | Pre-identified areas                                          | Yes                                           |
|           | Uganda      | Drought/dry spell                           | FAO                          | FAO SFERA                                                           | FAO; local implementing partners                      | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA            | \$1,000,000    | 105,000        | Agriculture; Cash and voucher assistance; Early warnings                                                            | Financed by a contribution from Germany to SFERA.                                                                                                             | Pre-identified areas                                          |                                               |

| Month           | Country    | Hazard                                   | Coordinating organization(s) | Funding organization(s) | Implementing organization(s)     | Government organization(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Funding (US\$) | People reached | Anticipatory actions implemented                         | Notes                                                                                                                                                                                          | Pre-identified areas, or areas selected after trigger reached | Fragile, conflict- or violence-affected areas |
|-----------------|------------|------------------------------------------|------------------------------|-------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|----------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------|
| <b>October</b>  | Zimbabwe   | Drought/dry spell                        | WFP                          | WFP HQ Trust Fund       | WFP                              | Government of Zimbabwe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | \$500,000      | 147,268        | Agriculture; Early warnings                              | People reached indicates those reached through early warning messages; 24,920 people also received cash transfers.                                                                             | Pre-identified areas                                          | No                                            |
|                 | Zimbabwe   | Drought/dry spell                        | WHH                          | GFFO                    | MMT; WHH Zimbabwe                | Agritex; Department of Civil Protection; Department of Social Development; District Development Coordinator Office; district livestock trusts; Division of Veterinary Services; Environmental Management Agency; Ministry of Health and Child Care; Ministry of Women Affairs, Community, Small and Medium Enterprises Development; National Meteorological Services Department; Office of the President and Cabinet; Provincial Meteorological Services Department; Public Works and National Housing; Rural District Council; Rural Infrastructure Development Agency; Zimbabwe Republic Police; Zim Parks | \$162,338      | 8,816          | Agriculture; Livestock                                   |                                                                                                                                                                                                | Pre-identified areas                                          | No                                            |
| <b>November</b> | Ethiopia   | Drought/dry spell                        | World Vision                 | ADH                     | World Vision                     | EMI; Ethiopia Zonal Disaster Risk Management                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | \$111,834      | 4,748          | Early warnings; Livestock                                |                                                                                                                                                                                                | Pre-identified areas                                          | Yes                                           |
|                 | Honduras   | Cyclone/hurricane/tropical storm/typhoon | WFP                          | Government of Sweden    | WFP                              | Government of Honduras                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | \$150,000      | 5,000          | Cash and voucher assistance; Food and nutrition          | People reached indicates those reached through anticipatory cash transfers.                                                                                                                    | Pre-identified areas                                          | No                                            |
|                 | Honduras   | Storm-induced flood                      | FAO                          | DG ECHO                 | FAO; local implementing partners | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | \$200,000      | 4,500          | Cash and voucher assistance                              |                                                                                                                                                                                                | Pre-identified areas                                          | Yes                                           |
|                 | Honduras   | Storm-induced flood                      | Honduran Red Cross           | IFRC                    | Honduran Red Cross               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | \$209,705      | 12,750         | Cash and voucher assistance; WASH                        |                                                                                                                                                                                                |                                                               | No                                            |
|                 | Madagascar | Drought/dry spell                        | WFP                          | WFP HQ Trust Fund       | WFP                              | Government of Madagascar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | \$1,200,000    | 271,810        | Cash and voucher assistance; Early warnings              | People reached indicates those reached through cash transfers; 252,111 people were also reached through early warning messages.                                                                | Pre-identified areas                                          | No                                            |
|                 | Mozambique | Drought/dry spell                        | WFP                          | WFP HQ Trust Fund       | WFP                              | Government of Mozambique                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | \$7,633,287    | 248,795        | Agriculture; Cash and voucher assistance; Early warnings | People reached indicates those reached through early warning messages; 58,880 people also received cash transfers.                                                                             | Pre-identified areas                                          | No                                            |
|                 | Niger      | Flood                                    | WFP                          | WFP HQ Trust Fund       | WFP                              | Government of Niger                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | \$1,200,000    | 577,524        | Cash and voucher assistance; Early warnings              | People reached indicates those reached through early warning messages; 49,910 people also received cash transfers. This is part of the OCHA-coordinated activation (riverine flood, next row). | Pre-identified areas                                          | Yes                                           |

| Month    | Country     | Hazard                                   | Coordinating organization(s)                     | Funding organization(s) | Implementing organization(s)                                                            | Government organization(s)                                                                                                                                        | Funding (US\$) | People reached | Anticipatory actions implemented                                                                                                     | Notes                                                                                                                                              | Pre-identified areas, or areas selected after trigger reached | Fragile, conflict- or violence-affected areas |
|----------|-------------|------------------------------------------|--------------------------------------------------|-------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------|
| November | Niger       | Riverine flood                           | OCHA                                             | CERF                    | FAO; IOM; UNDP; UNFPA; UNHCR; UNICEF; WFP; WHO                                          | Government of Niger (DNP-GCA; Hydrology, Sanitation and Environment Ministry; NDM; Niger Basin Authority)                                                         | \$5,000,000    | 151,904        | Agriculture; Cash and voucher assistance; Protection, gender and inclusion; Shelter; WASH                                            |                                                                                                                                                    | Pre-identified areas                                          | Yes                                           |
|          | Philippines | Cyclone/hurricane/tropical storm/typhoon | FAO                                              | FAO SFERA               | FAO; local implementing partners                                                        | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                 | \$150,000      | 6,400          | Cash and voucher assistance; Early warnings                                                                                          | Financed by a contribution from Germany to SFERA.                                                                                                  | Pre-identified areas                                          |                                               |
|          | Philippines | Cyclone/hurricane/tropical storm/typhoon | Municipality of Virac, Catanduanes; Oxfam; PDRRN | Oxfam Pilipinas         | Municipality of Virac, Catanduanes; Oxfam Pilipinas; PDRRN                              | MDRRMC of the Municipality of Virac, Catanduanes; Office of the MDRRMO; Office of the Provincial DRRM Office of the Province of Catanduanes; PAGASA - Catanduanes | \$16,495       | 4,280          | Food and nutrition                                                                                                                   |                                                                                                                                                    | Areas selected after the trigger was reached                  | No                                            |
|          | Somalia     | Drought/dry spell                        | IRC                                              | GFFO                    | IRC                                                                                     |                                                                                                                                                                   | \$708,000      | 27,280         | Capacity building; Early warnings; Economic activities; Food and nutrition; Protecting assets                                        | People reached: 4,400 HH.                                                                                                                          | Areas selected after the trigger was reached                  | Yes                                           |
|          | Somalia     | Drought/dry spell                        | OCHA                                             | CERF                    | FAO; UNFPA; UNHCR; UNICEF                                                               | Ministry of Water Resources                                                                                                                                       | \$5,000,000    | 242,811        | Cash and voucher assistance; Early warnings; Livestock; Protection, gender and inclusion; WASH                                       | This is part of the same OCHA-coordinated activation listed for October (Somalia, drought/dry spell).                                              | Areas selected after the trigger was reached                  | Yes                                           |
|          | Sudan       | Multi-hazard                             | Save the Children Sudan                          | GFFO                    | RAISE; Save the Children Sudan; SoS Sahel Sudan                                         | Ministry of Health; Ministry of Urban Planning; Sudan Meteorological Agency                                                                                       | \$327,198      | 173,010        | Capacity building; Early warnings; Flood prevention; Health; Livestock; Non-food support; Protection, gender and inclusion           | Hazards: disease outbreak/epidemic; flash flood. This is a localized, child-centred EAP, developed for a multi-hazard approach in Blue Nile State. | Pre-identified areas                                          | Don't know                                    |
|          | Zimbabwe    | Drought/dry spell                        | Start Network                                    | Start Network           | Aquaculture Zimbabwe; Christian Aid; Lutheran; ORAP; Save the Children UK; World Vision |                                                                                                                                                                   | \$1,021,710    | 23,428         | Capacity building; Early warnings; Economic activities; Food and nutrition; Livestock; Protection, gender and inclusion; WASH; other | Other actions: education.                                                                                                                          | Pre-identified areas                                          | No                                            |
| December | Bolivia     | Riverine flood                           | FAO                                              | FAO SFERA               | FAO; local implementing partners                                                        | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                 | \$5,158        | 608            | Agriculture                                                                                                                          | Financed by a contribution from Germany to SFERA.                                                                                                  | Pre-identified areas                                          |                                               |
|          | Eritrea     | Locusts                                  | OCHA                                             | CERF                    | FAO                                                                                     | Ministry of Agriculture                                                                                                                                           | \$500,000      | 46,651         | Capacity building; Non-food support; Protecting assets; other                                                                        | Other actions: farmland prospecting; pest control.                                                                                                 | Areas selected after the trigger was reached                  | Yes                                           |
|          | Malawi      | Cyclone/hurricane/tropical storm/typhoon | Danish Red Cross                                 | Danish Red Cross; ECHO  | Malawi Red Cross Society                                                                | Department of Disaster Management Affairs; Department of Climate Change and Meteorological Change; Department of Water Resources                                  | \$11,166       | 600,000        | Capacity building; Early warnings; Evacuation; Flood prevention; Protecting assets; Protection, gender and inclusion                 |                                                                                                                                                    | Pre-identified areas                                          | No                                            |
|          | Mozambique  | Cyclone/hurricane/tropical storm/typhoon | Mozambique Red Cross Society                     | IFRC                    | Mozambique Red Cross Society                                                            |                                                                                                                                                                   | \$222,431      | 10,000         | Early warnings; Shelter; WASH                                                                                                        |                                                                                                                                                    |                                                               | No                                            |
|          | Mozambique  | Cyclone/hurricane/tropical storm/typhoon | WFP                                              | WFP HQ Trust Fund       | WFP                                                                                     |                                                                                                                                                                   | \$66,713       | 21,205         | Early warnings; Food and nutrition                                                                                                   | People reached indicates those reached through early warning messages; 70 people also received food assistance.                                    |                                                               |                                               |

| Month    | Country     | Hazard              | Coordinating organization(s) | Funding organization(s) | Implementing organization(s)                                                                    | Government organization(s)                                   | Funding (US\$)       | People reached    | Anticipatory actions implemented                                                                                                                                            | Notes | Pre-identified areas, or areas selected after trigger reached | Fragile, conflict- or violence-affected areas |
|----------|-------------|---------------------|------------------------------|-------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------------------|-----------------------------------------------|
| December | Pakistan    | Drought/dry spell   | WHH                          | GFFO; WHH               | AGAHE; CDF; IDEA; Lasoona; LHDP; Manzil; Muslim Aid; Sami Foundation; SWRDO; Youth Organization | National and provincial disaster management authorities; PMD | \$634,006            | 2,931             | Agriculture; Capacity building; Early warnings; Food and nutrition; Health; Livestock; Non-food support; Protecting assets; Protection, gender and inclusion; Shelter; WASH |       | Pre-identified areas                                          | No                                            |
|          | South Sudan | Population movement | Danish Refugee Council       | ECHO                    | Danish Refugee Council                                                                          |                                                              | \$75,000             | 17,300            | Non-food support; Protection, gender and inclusion                                                                                                                          |       | Pre-identified areas                                          | Yes                                           |
|          |             |                     |                              |                         |                                                                                                 | <b>TOTAL</b>                                                 | <b>\$110,685,471</b> | <b>17,029,183</b> |                                                                                                                                                                             |       |                                                               |                                               |

### Activations not included in dataset

Some activations that took place in 2024 were not included in the data for this report; see notes in the table for explanations.

| Month     | Country      | Hazard                    | Coordinating organization(s)                                  | Funding organization(s)                                             | Implementing organization(s)                                            | Government organization(s) | Funding (US\$) | People reached | Anticipatory actions implemented                                                                                 | Notes                                                                                                                                                                                                                                                                                                                       | Pre-identified areas, or areas selected after trigger reached | Fragile, conflict- or violence-affected areas |
|-----------|--------------|---------------------------|---------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------|----------------|----------------|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------|
| March     | Madagascar   | Disease outbreak/epidemic | Start Network                                                 |                                                                     | ASOS; Care International; Doctors of the World                          |                            | \$229,885      | 7,236          | Capacity building; Health                                                                                        | While the pre-agreed funds were released, the crisis did not occur, with no cases of cholera reported in Madagascar.                                                                                                                                                                                                        | Pre-identified areas                                          | No                                            |
| April     | Tanzania     | Storm-induced flood       | Start Network                                                 | Start Network                                                       | ActionAid; Climate Change Network Tanzania; FORUMCC; Plan               |                            | \$255,428      | 65,066         | Capacity building; Early warnings; Protection, gender and inclusion; Shelter                                     | All activities were carried out after the peak of the crisis as the funding didn't arrive beforehand.                                                                                                                                                                                                                       | Pre-identified areas                                          | No                                            |
| August    | Burkina Faso | Riverine flood            | Start Network                                                 |                                                                     | ACTED; World Vision UK                                                  |                            | \$383,142      | 24,933         | WASH                                                                                                             | All activities were carried out after the hazard, as the project started after the flood occurred.                                                                                                                                                                                                                          | Pre-identified areas                                          | Yes                                           |
| September | Nepal        | Flood                     | American Red Cross; Danish Red Cross; Finnish Red Cross; IFRC | American Red Cross; Danish Red Cross; ECHO; Finnish Red Cross; IFRC | Nepal Red Cross Society                                                 | DHM; NDRRMA                | \$216,450      | 776            | Cash and voucher assistance; Cooling; Early warnings; Evacuation; Health; Protection, gender and inclusion; WASH | The readiness and activation triggers were reached, but the activation was a 'false alarm' as the expected flooding didn't occur, so the communities were not affected. However, 776 persons with disabilities received cash assistance, with the remaining funds used to procure dignity hygiene kits and foam mattresses. | Pre-identified areas                                          | No                                            |
| October   | Senegal      | Storm-induced flood       | Start Network                                                 |                                                                     | Caritas Saint-Louis; CRS - United States Conference of Catholic Bishops |                            | \$127,714      | 9,611          | Cash and voucher assistance                                                                                      | The crisis started earlier than forecast, so the activities were not carried out in anticipation, but as part of response efforts.                                                                                                                                                                                          | Pre-identified areas                                          | No                                            |

**Table A2. Active frameworks in 2024**

| Country    | Hazard                                   | Coordinating organization(s)                                                | Funding organization(s)                | Implementing organization(s)                                                                                                  | Government organization(s)                                                        | Available budget per activation (US\$) | People targeted | Types of anticipatory action listed                                                                                                                                                                               | Notes                                                                                                                     | Pre-identified areas, or areas selected after trigger reached | Fragile, conflict- or violence-affected areas? |
|------------|------------------------------------------|-----------------------------------------------------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------|
| Bangladesh | Cyclone/hurricane/tropical storm/typhoon | ACF; Cordaid; NIRAPAD; Plan International Bangladesh; RIMES; United Purpose | ECHO                                   | South Asia Partnership Bangladesh; SMKK; Uttaran                                                                              | BMD; CPP; Department of Disaster Management                                       | \$200,000                              | 12,000          | Agriculture; Capacity building; Cash and voucher assistance; Early warnings; Evacuation; Fisheries and aquaculture; Livestock; Protecting assets; Protection, gender and inclusion; Shelter; WASH                 |                                                                                                                           | Pre-identified areas                                          | No                                             |
|            | Cyclone/hurricane/tropical storm/typhoon | Bangladesh Red Crescent Society                                             | IFRC                                   | Bangladesh Red Crescent Society                                                                                               |                                                                                   | \$567,522                              | 150,000         | Early warnings; Evacuation; Food and nutrition; Health; Protection, gender and inclusion; WASH                                                                                                                    | Framework updated with a higher budget ceiling (originally 350,330 CHF/US\$397,650).                                      | Pre-identified areas                                          | No                                             |
|            | Cyclone/hurricane/tropical storm/typhoon | Jago Nari; Oxfam                                                            | DFAT (ANCP)                            | Jago Nari; Oxfam                                                                                                              |                                                                                   | \$93,668                               | 2,606           | Cash and voucher assistance; Early warnings                                                                                                                                                                       | People targeted: 606 HH.                                                                                                  | Pre-identified areas                                          | No                                             |
|            | Cyclone/hurricane/tropical storm/typhoon | MoDMR                                                                       |                                        | Members of the technical working group                                                                                        | BMD; CPP; Department of Disaster Management                                       | -                                      | -               | Agriculture; Cash and voucher assistance; Early warnings; Evacuation; Food and nutrition; Fisheries and aquaculture; Health; Livestock; Protecting assets; Protection, gender and inclusion; Shelter; WASH; other | Other actions: education. National Early Action Protocol on Cyclone, endorsed by the MoDMR.                               |                                                               |                                                |
|            | Cyclone/hurricane/tropical storm/typhoon | OCHA                                                                        | CERF                                   | FAO; UNFPA; UNICEF; WFP                                                                                                       | Government of Bangladesh (BMD; MoDMR)                                             | \$7,500,000                            | 225,000         | Cash and voucher assistance; Early warnings; Livestock; Protecting assets; Protection, gender and inclusion; WASH                                                                                                 | This is the total pre-arranged amount for Bangladesh from CERF, for this framework and the framework for riverine floods. | Pre-identified areas                                          | No                                             |
|            | Cyclone/hurricane/tropical storm/typhoon | OCHA                                                                        | WFP HQ Trust Fund                      | WFP                                                                                                                           | Government of Bangladesh                                                          | \$1,600,000                            | 150,000         | Cash and voucher assistance; Early warnings                                                                                                                                                                       | Funding is a top-up to CERF funding (see OCHA-coordinated framework, above).                                              |                                                               |                                                |
|            | Cyclone/hurricane/tropical storm/typhoon | Start Network                                                               | Start Network                          | AVAS; Care International; Caritas Bangladesh; CNRS; Coast Foundation; DAM Sankalpa Trust; Islamic Relief; Muslim Aid; Uttaran |                                                                                   | \$766,284                              | 20,000          | Cash and voucher assistance; Food and nutrition; Flood prevention; Health; Non-food support; Protection, gender and inclusion; Shelter; WASH; other                                                               | Other actions: education.                                                                                                 | Pre-identified areas                                          | No                                             |
|            | Cyclone/hurricane/tropical storm/typhoon | World Vision Bangladesh                                                     | World Vision Bangladesh Emergency Fund |                                                                                                                               |                                                                                   | -                                      | 2,668           | Early warnings; Evacuation; Food and nutrition; WASH                                                                                                                                                              |                                                                                                                           |                                                               |                                                |
|            | Flash flood                              | FAO                                                                         | FAO                                    | FAO; local implementing partners                                                                                              | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA | \$1,000,000                            | 43,000          | Agriculture; Cash and voucher assistance; Early warnings; Livestock; Non-food support                                                                                                                             |                                                                                                                           | Pre-identified areas                                          |                                                |
|            | Flood                                    | OCHA                                                                        | WFP HQ Trust Fund                      | WFP                                                                                                                           | Government of Bangladesh                                                          | \$2,000,000                            | 245,000         | Cash and voucher assistance; Early warnings                                                                                                                                                                       | Funding is a top-up to CERF funding (OCHA-coordinated framework for riverine flood, pp. 60-61).                           | Pre-identified areas                                          | No                                             |
|            | Heat wave                                | Bangladesh Red Crescent Society                                             | IFRC                                   | Bangladesh Red Crescent Society                                                                                               |                                                                                   | \$567,457                              | 123,700         | Cash and voucher assistance; Cooling; Early warnings; Health                                                                                                                                                      |                                                                                                                           | Pre-identified areas                                          | No                                             |

**Notes**

The total amount of funding includes US\$43.5m that OCHA pre-agreed for its frameworks under development; as these funds were pre-agreed during 2024, the amounts are included in the total for active frameworks. For Bangladesh and Niger, the total pre-agreed amount by OCHA for the country is included in the total figure, rather than the amounts per framework. For Ethiopia, the total pre-agreed amount by OCHA for the frameworks under development is included, rather than the amounts per framework.

For financial amounts provided in other currencies, the average exchange rates to US dollars for 2024 were taken from the Internal Revenue Service website: [tinyurl.com/mruk9b6b](https://www.irs.gov/irb/2024-12/revproc/2024-12-01.html). If average annual rates were not available, the rate for 31 December 2024 was used, taken from the XE website: [tinyurl.com/5knkwzj9](https://www.xe.com/).

There is an error of US\$2 for the total amount of financing; this is due to rounding the amounts up and down (to the nearest full dollar).

Six WFP frameworks are top-ups to OCHA-coordinated frameworks; these are listed in the table (see 'Notes').

Some frameworks target households, not individuals. To estimate the number of people, data for the average household size per country was taken from the UN's Department of Economic and Social Affairs: [tinyurl.com/yckfvyth](https://www.un.org/development/desa/pa/).

Frameworks noted as covering fragile, conflict- or violence-affected areas were verified against the World Bank's classification for 2024: [tinyurl.com/k7nrj6ew](https://www.worldbank.org/en/indicators/SH.UV.AADVS). Explanations for countries not listed in this classification are listed under 'Notes'.

Active frameworks that could not be verified (i.e., by the coordinating organization) were excluded from this table.

| Country        | Hazard              | Coordinating organization(s)    | Funding organization(s)                                                                               | Implementing organization(s)                                                                     | Government organization(s)                                                                                                             | Available budget per activation (US\$) | People targeted                                                                                  | Types of anticipatory action listed                                                                                                                                     | Notes                                                                                                                                                     | Pre-identified areas, or areas selected after trigger reached | Fragile, conflict- or violence-affected areas? |
|----------------|---------------------|---------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------|
| Bangladesh     | Multi-hazard        | Save the Children Bangladesh    | Save the Children International (Humanitarian Fund)                                                   | MJSKS; Save the Children Bangladesh                                                              | BMD; RIMES                                                                                                                             | \$25,000                               | 10,000                                                                                           | Cooling; Early warnings; Flood prevention; Livestock; Protecting assets; Protection, gender and inclusion; WASH                                                         | Hazards: drought; heat wave.                                                                                                                              | Pre-identified areas                                          | No                                             |
|                | Riverine flood      | Bangladesh Red Crescent Society | IFRC                                                                                                  | Bangladesh Red Crescent Society                                                                  |                                                                                                                                        | \$397,185                              | 50,000                                                                                           | Cash and voucher assistance; Early warnings; Evacuation; Health                                                                                                         |                                                                                                                                                           | Pre-identified areas                                          | No                                             |
|                | Riverine flood      | CARE Bangladesh                 | ECHO                                                                                                  |                                                                                                  |                                                                                                                                        | \$81,000                               | -                                                                                                | Cash and voucher assistance                                                                                                                                             |                                                                                                                                                           |                                                               |                                                |
|                | Riverine flood      | MoDMR                           |                                                                                                       | Bangladesh Red Crescent Society; CARE Bangladesh; CW; Red Cross Movement; Save the Children; WFP | BMD; CPP; Department of Disaster Management; FFWC; RIMES                                                                               | -                                      | -                                                                                                | Agriculture; Cash and voucher assistance; Early warnings; Evacuation; Health; Fisheries and aquaculture; Food and nutrition; Livestock; Non-food support; Shelter; WASH | National EAP on Monsoon Riverine Floods, endorsed by the MoDMR.                                                                                           |                                                               |                                                |
|                | Riverine flood      | OCHA                            | CERF                                                                                                  | FAO; UNFPA; UNICEF; WFP                                                                          | Government of Bangladesh (BMD; MoDMR)                                                                                                  | \$7,870,000                            | 453,500                                                                                          | Cash and voucher assistance; Early warnings; Livestock; Protecting assets; Protection, gender and inclusion; WASH                                                       | This is the total pre-arranged amount from CERF for Bangladesh (including for the framework for cyclone/hurricane/tropical storm/typhoon; see pp. 58-59). | Pre-identified areas                                          | No                                             |
| Riverine flood | Start Network       | Start Network                   | Caritas Bangladesh; Christian Aid; DAM Sankalpa Trust; HI; Islamic Relief; MMS; Muslim Aid; NDP; RDRS |                                                                                                  | \$1,149,425                                                                                                                            | 28,125                                 | Capacity building; Cash and voucher assistance; Early warnings; Protecting assets; Shelter; WASH |                                                                                                                                                                         | Pre-identified areas                                                                                                                                      | No                                                            |                                                |
| Bolivia        | Drought/dry spell   | FAO                             | FAO                                                                                                   | FAO; Municipal Government                                                                        | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                      | \$350,000                              | 18,500                                                                                           | Agriculture; Livestock                                                                                                                                                  |                                                                                                                                                           | Pre-identified areas                                          |                                                |
|                | Riverine flood      | FAO                             | FAO                                                                                                   | FAO; Municipal Government                                                                        | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                      | \$200,000                              | 7,000                                                                                            | Agriculture; Livestock                                                                                                                                                  |                                                                                                                                                           | Pre-identified areas                                          |                                                |
| Burkina Faso   | Drought/dry spell   | OCHA                            | CERF                                                                                                  | FAO; UNFPA; UNHCR; UNICEF; WFP                                                                   | Government of Burkina Faso                                                                                                             | \$15,000,000                           | 400,000                                                                                          | Agriculture; Cash and voucher assistance; Food and nutrition; Livestock; Protection, gender and inclusion; WASH                                                         |                                                                                                                                                           | Pre-identified areas                                          | Yes                                            |
|                | Heat wave           | Burkinabe Red Cross Society     | IFRC                                                                                                  | Burkinabe Red Cross Society                                                                      |                                                                                                                                        | \$249,642                              | 50,000                                                                                           | Food and nutrition; Health; Protection, gender and inclusion; WASH                                                                                                      |                                                                                                                                                           | Pre-identified areas                                          | No                                             |
| Burundi        | Riverine flood      | Burundi Red Cross               | IFRC                                                                                                  | Burundi Red Cross                                                                                |                                                                                                                                        | \$199,072                              | 9,000                                                                                            | Cash and voucher assistance; Early warnings; WASH                                                                                                                       |                                                                                                                                                           | Pre-identified areas                                          | No                                             |
| Cambodia       | Drought/dry spell   | FAO                             | FAO                                                                                                   | FAO                                                                                              | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                      | \$1,000,000                            | 46,000                                                                                           | Agriculture; Capacity building; Cash and voucher assistance; Early warnings; Livestock; Non-food support                                                                |                                                                                                                                                           | Pre-identified areas                                          |                                                |
| Chad           | Drought/dry spell   | OCHA                            | CERF                                                                                                  | FAO; UNFPA; UNHCR; UNICEF; WFP                                                                   | Government of Chad (ANAM; Ministry of Social Action, Solidarity and Humanitarian Affairs; Water Resources and Meteorology Directorate) | \$10,000,000                           | 100,000                                                                                          | Agriculture; Cash and voucher assistance; Food and nutrition; Livestock; Protection, gender and inclusion; WASH                                                         | Amounts for Chad can be counted individually and added together (total pre-arranged amount for Chad from OCHA is US\$15 million).                         | Pre-identified areas                                          | Yes                                            |
|                | Riverine flood      | OCHA                            | CERF                                                                                                  | FAO; IOM; UNFPA; UNHCR; UNICEF; WFP; WHO                                                         | Government of Chad (ANAM; Ministry of Social Action, Solidarity and Humanitarian Affairs; Water Resources and Meteorology Directorate) | \$5,000,000                            | 128,000                                                                                          | Cash and voucher assistance; Early warnings; Health; Protection, gender and inclusion; Shelter; WASH                                                                    | Amounts for Chad can be counted individually and added together (total pre-arranged amount for Chad from OCHA is US\$15 million).                         | Pre-identified areas                                          | Yes                                            |
|                | Storm-induced flood | Red Cross of Chad               | IFRC                                                                                                  | Red Cross of Chad                                                                                |                                                                                                                                        | \$218,880                              | 2,400                                                                                            | Early warnings; Non-food support; Protecting assets; WASH                                                                                                               |                                                                                                                                                           | Pre-identified areas                                          | No                                             |
| Colombia       | Drought/dry spell   | Colombian Red Cross             | IFRC                                                                                                  | Colombian Red Cross                                                                              |                                                                                                                                        | \$246,306                              | 2,400                                                                                            | Agriculture; Capacity building; Cash and voucher assistance; Livestock; WASH                                                                                            |                                                                                                                                                           | Pre-identified areas                                          | No                                             |

| Country                          | Hazard                                     | Coordinating organization(s)           | Funding organization(s) | Implementing organization(s)                                    | Government organization(s)                                                        | Available budget per activation (US\$) | People targeted | Types of anticipatory action listed                                                                                      | Notes                                        | Pre-identified areas, or areas selected after trigger reached | Fragile, conflict- or violence-affected areas? |
|----------------------------------|--------------------------------------------|----------------------------------------|-------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|---------------------------------------------------------------|------------------------------------------------|
| Colombia                         | Drought/dry spell                          | FAO                                    | FAO                     | FAO                                                             | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA | \$1,000,000                            | 61,339          | Agriculture; Capacity building; Cash and voucher assistance; Livestock                                                   |                                              | Pre-identified areas                                          |                                                |
|                                  | Storm-induced flood                        | FAO; Ministry of Agriculture           | FAO                     | FAO                                                             | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA | \$850,000                              | 25,565          | Agriculture; Capacity building; Livestock                                                                                | Floods due to heavy rain related to La Niña. | Pre-identified areas                                          |                                                |
| Comoros                          | Volcanic ash/ volcanic activity            | Comoros Red Crescent                   | IFRC                    | Comoros Red Crescent                                            |                                                                                   | \$239,453                              | 12,000          | Early warnings; Health; Non-food support; WASH                                                                           |                                              | Pre-identified areas                                          | No                                             |
| Costa Rica                       | Storm-induced flood                        | Costa Rican Red Cross                  | IFRC                    | Costa Rican Red Cross                                           |                                                                                   | \$600,047                              | 10,000          | Cash and voucher assistance                                                                                              |                                              | Pre-identified areas                                          | No                                             |
|                                  | Volcanic ash/ volcanic activity            | Costa Rican Red Cross                  | IFRC                    | Costa Rican Red Cross                                           |                                                                                   | \$434,850                              | 10,000          | Cash and voucher assistance; Health; Non-food support; WASH                                                              |                                              | Pre-identified areas                                          | No                                             |
| Democratic Republic of the Congo | Disease outbreak/ epidemic                 | OCHA                                   | CERF                    | UNICEF; WHO                                                     | Government of the Democratic Republic of the Congo (PNECHOL-MD)                   | \$1,500,000                            | 350,000         | Health; WASH                                                                                                             | Disease covered is cholera.                  | Pre-identified areas                                          | Yes                                            |
|                                  | Riverine flood                             | Start Network                          | Start Network           | CAFOD; Caritas Kindu                                            |                                                                                   | \$1,436,782                            | 34,477          | Capacity building; Cash and voucher assistance; Early warnings; WASH                                                     |                                              | Pre-identified areas                                          | Yes                                            |
| Dominican Republic               | Drought/dry spell                          | FAO                                    | FAO                     | FAO                                                             | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA | \$600,000                              | 13,500          | Agriculture; Capacity building; Early warnings; Economic activities; Fire prevention; Livestock                          |                                              | Pre-identified areas                                          |                                                |
|                                  | Flood                                      | WFP                                    | WFP HQ Trust Fund       | WFP                                                             | Government of Dominican Republic                                                  | \$852,212                              | 19,565          | Cash and voucher assistance; Early warnings                                                                              |                                              | Pre-identified areas                                          | No                                             |
| Ecuador                          | Flood                                      | WFP                                    | WFP HQ Trust Fund       | WFP                                                             | Government of Ecuador                                                             | \$362,521                              | 7,300           | Cash and voucher assistance; Early warnings                                                                              |                                              | Pre-identified areas                                          | No                                             |
|                                  | Volcanic ash/ volcanic activity            | Ecuadorian Red Cross                   | IFRC                    | Ecuadorian Red Cross                                            |                                                                                   | \$522,725                              | 10,000          | Cash and voucher assistance; Early warnings; Health; Protecting assets; WASH                                             |                                              | Pre-identified areas                                          | No                                             |
| El Salvador                      | Drought/dry spell                          | OCHA                                   | CERF                    | FAO; UNICEF; WFP; WHO                                           | Government of El Salvador                                                         | \$2,500,000                            | 27,012          | Agriculture; Cash and voucher assistance; Early warnings; Health; Livestock; WASH                                        |                                              | Pre-identified areas                                          | No                                             |
|                                  | Drought/dry spell                          | Salvadorean Red Cross Society          | IFRC                    | Salvadorean Red Cross Society                                   |                                                                                   | \$618,007                              | 10,000          | Cash and voucher assistance; Early warnings; WASH                                                                        |                                              | Pre-identified areas                                          | No                                             |
|                                  | Other                                      | CRS                                    | MACP                    | Caritas of El Salvador and its dioceses; CRS; local authorities |                                                                                   | \$200,000                              | 10,000          | Agriculture; Cash and voucher assistance; Evacuation; Protecting assets                                                  | Hazard: extreme rain and humidity.           | Pre-identified areas                                          | No                                             |
| Eswatini, Kingdom of             | Drought/dry spell                          | Baphalali Eswatini Red Cross Society   | IFRC                    | Baphalali Eswatini Red Cross Society                            |                                                                                   | \$611,967                              | 10,800          | Capacity building; Cash and voucher assistance; Early warnings; WASH                                                     |                                              | Pre-identified areas                                          | No                                             |
| Ethiopia                         | Drought/dry spell                          | Ethiopian Red Cross Society            | IFRC                    | Ethiopian Red Cross Society                                     |                                                                                   | \$566,881                              | 70,000          | Cash and voucher assistance; Conflict prevention; Early warnings; Food and nutrition; Health; Livestock; WASH            |                                              | Pre-identified areas                                          | No                                             |
|                                  | Drought/dry spell                          | WFP                                    | WFP HQ Trust Fund       | WFP                                                             | Government of Ethiopia                                                            | \$6,622,242                            | 1,670,326       | Agriculture; Cash and voucher assistance; Early warnings; Livestock; WASH                                                |                                              | Pre-identified areas                                          | No                                             |
|                                  | Flood                                      | Disaster and Risk Reduction Commission | Ministry of Finance     | Actions implemented by academics                                | Higher education service; national meteorological/ hydrological service           | \$100,000                              | -               | Agriculture; Conflict prevention; Cooling; Early warnings; Flood prevention; Food and nutrition; Livestock; WASH; other  | Other actions: activation and mobilization.  | Pre-identified areas                                          | Yes                                            |
|                                  | Riverine flood                             | Ethiopian Red Cross Society            | IFRC                    | Ethiopian Red Cross Society                                     |                                                                                   | \$397,276                              | 28,250          | Cash and voucher assistance; Early warnings; Evacuation; Flood prevention; WASH                                          |                                              | Pre-identified areas                                          | No                                             |
| Fiji                             | Cyclone/hurricane/ tropical storm/ typhoon | OCHA                                   | CERF                    | FAO; IOM; UNFPA; UNICEF; WFP                                    | Government of Fiji (FMS; NDMO)                                                    | \$2,400,000                            | 47,500          | Cash and voucher assistance; Early warnings; Non-food support; Protecting assets; Protection, gender and inclusion; WASH |                                              | Areas selected after the trigger is reached                   | No                                             |

| Country          | Hazard                                     | Coordinating organization(s) | Funding organization(s)      | Implementing organization(s)                                                                                                                                           | Government organization(s)                                                                                                                                                                                                                                                 | Available budget per activation (US\$) | People targeted | Types of anticipatory action listed                                                                                                                    | Notes                                                                                                                                            | Pre-identified areas, or areas selected after trigger reached | Fragile, conflict- or violence-affected areas? |
|------------------|--------------------------------------------|------------------------------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------|
| <b>Fiji</b>      | Cyclone/hurricane/ tropical storm/ typhoon | OCHA                         | WFP HQ Trust Fund            | WFP                                                                                                                                                                    | Government of Fiji                                                                                                                                                                                                                                                         | \$650,000                              | 27,500          | Cash and voucher assistance; Early warnings                                                                                                            | Funding is a top-up to CERF funding (OCHA-coordinated framework, pp-62-63).                                                                      |                                                               |                                                |
| <b>Greece</b>    | Heat wave                                  | Hellenic Red Cross           | IFRC                         | Hellenic Red Cross                                                                                                                                                     |                                                                                                                                                                                                                                                                            | \$246,606                              | 2,000           | Cooling; Early warnings; Food and nutrition; Health; Non-food support; WASH                                                                            |                                                                                                                                                  | Pre-identified areas                                          | No                                             |
| <b>Guatemala</b> | Drought/dry spell                          | Guatemalan Red Cross         | IFRC                         | Guatemalan Red Cross                                                                                                                                                   |                                                                                                                                                                                                                                                                            | \$620,249                              | 14,000          | Cash and voucher assistance; Early warnings; WASH                                                                                                      |                                                                                                                                                  | Pre-identified areas                                          | No                                             |
|                  | Drought/dry spell                          | OCHA                         | CERF                         | FAO; UNICEF; WFP; WHO                                                                                                                                                  | Government of Guatemala (CONRED; INSIVUMEH; Ministry of Agriculture; SESAN)                                                                                                                                                                                                | \$4,000,000                            | 150,400         | Agriculture; Cash and voucher assistance; Early warnings; Health; Livestock; WASH                                                                      |                                                                                                                                                  | Pre-identified areas                                          | No                                             |
|                  | Flood                                      | ADISA                        | CBM; Municipio de Panajachel | ADISA                                                                                                                                                                  | Centro Nacional de Huracanes; CEPREDENAC; COCODE; COLRED; COMRED; CONADI; GloFAS; IMGR; INSIVUMEH; Ministerio de Agricultura, Ganadería y Alimentación; SE-CONRED                                                                                                          | \$38,872                               | 250             | Cash and voucher assistance; Early warnings; Evacuation; Food and nutrition; Health; Non-food support; Protection, gender and inclusion; Shelter; WASH | This framework is a public sector intervention and the fuel financing forms part of the municipal budget allocation.                             | Pre-identified areas                                          | No                                             |
|                  | Storm-induced flood                        | Guatemalan Red Cross         | IFRC                         | Guatemalan Red Cross                                                                                                                                                   |                                                                                                                                                                                                                                                                            | \$621,119                              | 14,000          | Cash and voucher assistance; Early warnings; Health                                                                                                    |                                                                                                                                                  | Pre-identified areas                                          | No                                             |
| <b>Haiti</b>     | Cyclone/hurricane/ tropical storm/ typhoon | OCHA                         | CERF                         | IOM; UNICEF; WFP                                                                                                                                                       | Government of Haiti (Directorate for Civil Protection)                                                                                                                                                                                                                     | \$4,000,000                            | 120,000         | Cash and voucher assistance; Early warnings; Protection, gender and inclusion; Shelter; WASH                                                           |                                                                                                                                                  | Pre-identified areas                                          | Yes                                            |
|                  | Multi-hazard                               | CRS                          | Gates Foundation             | Civil protection committees (Anse-a-Pitre, Belle-Anse); CRS; Department of Civil Protection (national and subnational levels); Haiti Anticipatory Action Working Group | Ministry of Agriculture, Natural Resources and Rural Development (subnational level); National Hydrometeorological Unit                                                                                                                                                    | \$80,000                               | 32,465          | Early warnings; Evacuation; Flood prevention; Health; WASH                                                                                             | Hazards: hurricane; flash flood. Actions take place in two windows.                                                                              | Pre-identified areas                                          | Yes                                            |
|                  | Multi-hazard                               | OCHA                         | WFP HQ Trust Fund            | WFP                                                                                                                                                                    | Government of Haiti                                                                                                                                                                                                                                                        | \$5,000,000                            | 426,610         | Cash and voucher assistance; Early warnings                                                                                                            | Hazards: flood; storm. Funding is a top-up to CERF funding (OCHA-coordinated framework for cyclone/hurricane/tropical storm/typhoon, see above). |                                                               |                                                |
| <b>Honduras</b>  | Drought/dry spell                          | OCHA                         | CERF                         | FAO; UNICEF; WFP; WHO                                                                                                                                                  | Government of Honduras (Inter-institutional Technical Committee for Drought Response; local government)                                                                                                                                                                    | \$4,000,000                            | 48,500          | Agriculture; Cash and voucher assistance; Early warnings; Health; Livestock; WASH                                                                      |                                                                                                                                                  | Pre-identified areas                                          | No                                             |
|                  | Population movement                        | Honduran Red Cross           | IFRC                         | Honduran Red Cross                                                                                                                                                     |                                                                                                                                                                                                                                                                            | \$624,285                              | 10,000          | Health; Protection, gender and inclusion; WASH; other                                                                                                  | Other actions: deployment of RFL technical teams; purchase of inputs.                                                                            | Pre-identified areas                                          | No                                             |
|                  | Storm-induced flood                        | Honduran Red Cross           | IFRC                         | Honduran Red Cross                                                                                                                                                     |                                                                                                                                                                                                                                                                            | \$623,182                              | 13,500          | Cash and voucher assistance; WASH                                                                                                                      |                                                                                                                                                  | Pre-identified areas                                          | No                                             |
| <b>Indonesia</b> | Flash flood                                | KONSEPSI; Oxfam              | DFAT                         | KONSEPSI                                                                                                                                                               | BMKG; BPBD (regency level); local and village preparedness teams; Maritime Affairs and Fisheries (regency level); River Basin and Protected Forest Management Center (province level); River Basin Development Agency (province level); Social Office; village governments | \$47,045                               | 5,070           | Cash and voucher assistance                                                                                                                            | People targeted: 1,300 HH.                                                                                                                       | Pre-identified areas                                          | No                                             |

| Country                                 | Hazard                                   | Coordinating organization(s)                                                                      | Funding organization(s)     | Implementing organization(s)                                                                             | Government organization(s)                                                                                                                                                  | Available budget per activation (US\$) | People targeted | Types of anticipatory action listed                                                                                                                                                                                       | Notes                                                                     | Pre-identified areas, or areas selected after trigger reached | Fragile, conflict- or violence-affected areas? |
|-----------------------------------------|------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------|
| <b>Indonesia</b>                        | Multi-hazard                             | BMKG; BNPB; IFRC; Indonesian Red Cross Society; OCHA; PVMBG; Save the Children International; WFP | Save the Children Indonesia | CIS; Geutanyo; IBU; IDEP; Indonesian Red Cross Society; NFDMC; SCF                                       | BMKG; BNPB; Ministry of Health; PVMBG                                                                                                                                       | \$45,000                               | 15,000          | Capacity building; Cash and voucher assistance; Conflict prevention; Early warnings; Evacuation; Fisheries and aquaculture; Flood prevention; Health; Livestock; Non-food support; Protection, gender and inclusion; WASH | Hazards: drought; fire; flood; landslide; population movement (refugees). | Pre-identified areas                                          | No                                             |
| <b>Iraq</b>                             | Drought/dry spell                        | World Vision EARO                                                                                 | ADH                         | World Vision Iraq                                                                                        | Directorate of Agriculture, Ninawa; Directorate of Education, Ninawa; Hatra Ministry of Environment; Mayor of Hatra; Meterological Department of Ninawa; Province of Ninawa | \$33,557                               | 7,657           | Capacity building; Cash and voucher assistance; Early warnings                                                                                                                                                            |                                                                           | Pre-identified areas                                          | Yes                                            |
| <b>Kenya</b>                            | Drought/dry spell                        | Kenya Red Cross Society                                                                           | IFRC                        | Kenya Red Cross Society                                                                                  |                                                                                                                                                                             | \$566,628                              | 150,000         | Agriculture; Cash and voucher assistance; Early warnings; WASH                                                                                                                                                            |                                                                           | Pre-identified areas                                          | No                                             |
|                                         | Drought/dry spell                        | WFP                                                                                               | WFP HQ Trust Fund           | WFP                                                                                                      | Government of Kenya                                                                                                                                                         | \$2,267,757                            | 259,044         | Agriculture; Cash and voucher assistance; Early warnings; Livestock; WASH                                                                                                                                                 |                                                                           | Pre-identified areas                                          | No                                             |
| <b>Kyrgyzstan</b>                       | Cold wave/heavy snowfall                 | Red Crescent Society of Kyrgyzstan                                                                | IFRC                        | Red Crescent Society of Kyrgyzstan                                                                       |                                                                                                                                                                             | \$597,104                              | 10,000          | Early warnings; Food and nutrition; Heating and warming                                                                                                                                                                   |                                                                           | Pre-identified areas                                          | No                                             |
|                                         | Heat wave                                | Red Crescent Society of Kyrgyzstan                                                                | IFRC                        | Red Crescent Society of Kyrgyzstan                                                                       |                                                                                                                                                                             | \$566,573                              | 16,200          | Cooling; Early warnings; Food and nutrition; Non-food support                                                                                                                                                             |                                                                           | Pre-identified areas                                          | No                                             |
| <b>Lao People's Democratic Republic</b> | Drought/dry spell                        | FAO                                                                                               | FAO                         | FAO                                                                                                      | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                           | \$1,000,000                            | 20,000          | Agriculture; Capacity building; Cash and voucher assistance; Early warnings                                                                                                                                               |                                                                           | Pre-identified areas                                          |                                                |
|                                         | Riverine flood                           | FAO                                                                                               | FAO                         | FAO                                                                                                      | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                           | \$315,000                              | 3,990           | Early warnings; Livestock; Non-food support                                                                                                                                                                               |                                                                           | Pre-identified areas                                          |                                                |
| <b>Lebanon</b>                          | Flood                                    | Government institutions; WVI                                                                      | ADH; World Vision Canada    | World Vision Lebanon                                                                                     | Governorate; municipalities; Nation Center of Scientific Research                                                                                                           | -                                      | 30,000          | Capacity building; Cash and voucher assistance; Early warnings; Evacuation; Flood prevention; Food and nutrition; Non-food support; Protection, gender and inclusion; Shelter                                             |                                                                           | Pre-identified areas                                          | Partly                                         |
| <b>Lesotho</b>                          | Cold wave/heavy snowfall                 | Lesotho Red Cross Society                                                                         | IFRC                        | Lesotho Red Cross Society                                                                                |                                                                                                                                                                             | \$567,144                              | 20,000          | Capacity building; Cash and voucher assistance; Early warnings                                                                                                                                                            |                                                                           | Pre-identified areas                                          | No                                             |
|                                         | Drought/dry spell                        | WFP                                                                                               | WFP HQ Trust Fund           | WFP                                                                                                      | Government of Lesotho                                                                                                                                                       | \$5,000,000                            | 41,000          | Agriculture; Cash and voucher assistance; Early warnings; WASH                                                                                                                                                            |                                                                           | Pre-identified areas                                          | No                                             |
|                                         | Drought/dry spell                        | Lesotho Red Cross Society                                                                         | IFRC                        | Lesotho Red Cross Society                                                                                |                                                                                                                                                                             | \$624,281                              | 20,560          | Cash and voucher assistance; Early warnings                                                                                                                                                                               |                                                                           | Pre-identified areas                                          | No                                             |
| <b>Madagascar</b>                       | Cyclone/hurricane/tropical storm/typhoon | OCHA                                                                                              | CERF                        | FAO; IOM; UNFPA; UNICEF; WFP; WHO                                                                        | Government of Madagascar                                                                                                                                                    | \$3,000,000                            | 100,000         | Cash and voucher assistance; Health; Livestock; Protecting assets; Protection, gender and inclusion; WASH                                                                                                                 |                                                                           | Pre-identified areas                                          | No                                             |
|                                         | Cyclone/hurricane/tropical storm/typhoon | Start Network                                                                                     | Start Network               | Care International; CRS - United States Conference of Catholic Bishops; HI; Medair; Save the Children UK |                                                                                                                                                                             | \$1,443,167                            | 35,324          | Cash and voucher assistance; Food and nutrition; Protection, gender and inclusion; WASH; other                                                                                                                            | Other actions: education.                                                 | Pre-identified areas                                          | No                                             |
|                                         | Drought/dry spell                        | FAO                                                                                               | FAO                         | FAO                                                                                                      | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                           | \$1,000,000                            | 121,500         | Agriculture; Cash and voucher assistance; Fisheries and aquaculture; Livestock                                                                                                                                            |                                                                           | Pre-identified areas                                          |                                                |

| Country                                          | Hazard                                     | Coordinating organization(s)                                                | Funding organization(s)                   | Implementing organization(s)                                                                          | Government organization(s)                                                                                                                                                         | Available budget per activation (US\$) | People targeted | Types of anticipatory action listed                                                                                                                                                      | Notes                                                                                                                                | Pre-identified areas, or areas selected after trigger reached | Fragile, conflict- or violence-affected areas? |
|--------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------|
| Madagascar                                       | Drought/dry spell                          | Start Network                                                               | Start Network                             | ACF; Care International; CRS - United States Conference of Catholic Bishops; HI; Save the Children UK |                                                                                                                                                                                    | \$2,298,851                            | 24,000          | Cash and voucher assistance; Food and nutrition; WASH; other                                                                                                                             | Other actions: education.                                                                                                            | Pre-identified areas                                          | No                                             |
|                                                  | Drought/dry spell                          | WFP                                                                         | WFP HQ Trust Fund                         | WFP                                                                                                   | Government of Madagascar                                                                                                                                                           | \$5,000,000                            | 313,501         | Agriculture; Cash and voucher assistance; Early warnings; Livestock; WASH                                                                                                                |                                                                                                                                      | Pre-identified areas                                          | No                                             |
| Malawi                                           | Drought/dry spell                          | FAO                                                                         | FAO                                       | FAO                                                                                                   | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                                  | \$500,000                              | 13,500          | Cash and voucher assistance                                                                                                                                                              |                                                                                                                                      | Pre-identified areas                                          |                                                |
|                                                  | Drought/dry spell                          | Save the Children Malawi                                                    | Save the Children International           | Save the Children Malawi                                                                              | Department of Climate Change and Meteorological Services                                                                                                                           | -                                      | -               | Agriculture; Cash and voucher assistance                                                                                                                                                 | This EAP is activated based on risk analysis, and has triggers and actions, but no exact funding amount or target population figure. | Pre-identified areas                                          | No                                             |
| Mongolia                                         | Dzud                                       | FAO                                                                         | FAO                                       | FAO                                                                                                   | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                                  | \$1,000,000                            | 36,000          | Capacity building; Cash and voucher assistance; Livestock                                                                                                                                |                                                                                                                                      | Pre-identified areas                                          |                                                |
|                                                  | Dzud                                       | WVI                                                                         | ADH; organizational funding; pooled funds | Save the Children; UNRCO                                                                              | Local government; Ministry of Food, Agriculture and Light Industry; National Agency for Meteorology and Environmental Monitoring of Mongolia; National Emergency Management Agency | -                                      | 18,000          | Cash and voucher assistance; Heating and warming                                                                                                                                         | People targeted: 5,000 HH.                                                                                                           | Pre-identified areas                                          |                                                |
| Mozambique                                       | Cyclone/hurricane/ tropical storm/ typhoon | Mozambique Red Cross Society                                                | IFRC                                      | Mozambique Red Cross Society                                                                          |                                                                                                                                                                                    | \$624,242                              | 10,000          | Early warnings; Non-food support; Shelter; WASH                                                                                                                                          |                                                                                                                                      | Pre-identified areas                                          | No                                             |
|                                                  | Cyclone/hurricane/ tropical storm/ typhoon | WFP                                                                         | WFP HQ Trust Fund                         | WFP                                                                                                   | Government of Mozambique                                                                                                                                                           | \$3,000,000                            | 77,293          | Early warnings; Evacuation; Food and nutrition                                                                                                                                           | Funding is a top-up to the OCHA-coordinated framework under development (see Table A3).                                              |                                                               |                                                |
|                                                  | Drought/dry spell                          | Government (Technical Working Group for Early Warnings-Anticipatory Action) | FAO                                       | FAO; local implementing partners                                                                      | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                                  | \$500,000                              | 20,000          | Agriculture; Early warnings; Livestock                                                                                                                                                   |                                                                                                                                      | Pre-identified areas                                          |                                                |
|                                                  | Drought/dry spell                          | Save the Children Mozambique                                                | BHA                                       | INGD; Save the Children International                                                                 | INGD                                                                                                                                                                               | -                                      | -               | Agriculture; Capacity building; Cash and voucher assistance; Early warnings; Economic activities; Livestock; Non-food support; Protecting assets; Protection, gender and inclusion; WASH | This EAP is activated based on risk analysis, and has triggers and actions, but no exact funding amount or target population figure. | Pre-identified areas                                          | No                                             |
|                                                  | Drought/dry spell                          | WFP                                                                         | WFP HQ Trust Fund                         | WFP                                                                                                   | Government of Mozambique                                                                                                                                                           | \$8,000,000                            | 200,000         | Agriculture; Cash and voucher assistance; Early warnings                                                                                                                                 |                                                                                                                                      | Pre-identified areas                                          | No                                             |
|                                                  | Storm-induced flood                        | Mozambique Red Cross Society                                                | IFRC                                      | Mozambique Red Cross Society                                                                          |                                                                                                                                                                                    | \$624,210                              | 10,000          | Health; Non-food support; Protecting assets; WASH                                                                                                                                        |                                                                                                                                      | Pre-identified areas                                          | No                                             |
| Multi-country (El Salvador, Guatemala, Honduras) | Cyclone/hurricane/ tropical storm/ typhoon | FAO                                                                         | FAO                                       | FAO                                                                                                   | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                                  | \$200,000                              | 4,500           | Cash and voucher assistance; Early warnings; Livestock                                                                                                                                   |                                                                                                                                      | Pre-identified areas                                          |                                                |
| Myanmar                                          | Heat wave                                  | Myanmar Red Cross Society                                                   | IFRC                                      | Myanmar Red Cross Society                                                                             |                                                                                                                                                                                    | \$227,015                              | 10,200          | Cash and voucher assistance; Early warnings; Health                                                                                                                                      |                                                                                                                                      | Pre-identified areas                                          | No                                             |

| Country  | Hazard                                   | Coordinating organization(s)                            | Funding organization(s)                                       | Implementing organization(s)                                               | Government organization(s)                                                                               | Available budget per activation (US\$) | People targeted | Types of anticipatory action listed                                                                                                      | Notes                                                                                                                                                         | Pre-identified areas, or areas selected after trigger reached | Fragile, conflict- or violence-affected areas? |
|----------|------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------|
| Nepal    | Cold wave/heavy snowfall                 | Save the Children Nepal                                 | Save the Children International                               | Save the Children Nepal                                                    | DHM; local emergency operation centre                                                                    | \$38,000                               | 13,200          | Capacity building; Early warnings; Heating and warming; Non-food support; Protection, gender and inclusion                               |                                                                                                                                                               | Pre-identified areas                                          | No                                             |
|          | Flood                                    | OCHA                                                    | WFP HQ Trust Fund                                             | WFP                                                                        | Government of Nepal                                                                                      | \$1,400,000                            | 46,130          | Cash and voucher assistance; Early warnings                                                                                              | Funding is a top-up to the OCHA-coordinated framework (for riverine flood, see below).                                                                        | Pre-identified areas                                          | No                                             |
|          | Multi-hazard                             | American Red Cross; Danish Red Cross; Finnish Red Cross | American Red Cross; Danish Red Cross; Finnish Red Cross; IFRC | Local government; Nepal Red Cross Society                                  | DHM; NDRRMA                                                                                              | \$292,208                              | 20,000          | Cash and voucher assistance; Cooling; Early warnings; Health; Protection, gender and inclusion; WASH                                     | Hazards: floods; heat wave.                                                                                                                                   | Pre-identified areas                                          | No                                             |
|          | Riverine flood                           | Nepal Red Cross Society                                 | IFRC                                                          | Nepal Red Cross Society                                                    |                                                                                                          | \$226,974                              | 10,500          | Early warnings; Evacuation; Protecting assets; Protection, gender and inclusion; WASH                                                    |                                                                                                                                                               | Pre-identified areas                                          | No                                             |
|          | Riverine flood                           | OCHA                                                    | CERF                                                          | FAO; UNFPA; UNICEF; WFP                                                    | Government of Nepal (DHM; NDRRMA; local disaster management committees)                                  | \$6,500,000                            | 138,000         | Cash and voucher assistance; Early warnings; Protecting assets; Protection, gender and inclusion; WASH                                   |                                                                                                                                                               | Pre-identified areas                                          | No                                             |
|          | Riverine flood                           | Save the Children Nepal                                 | Save the Children International                               | Save the Children Nepal                                                    | DHM; local emergency operation centre                                                                    | \$43,000                               | -               | Cash and voucher assistance; Early warnings; Evacuation                                                                                  |                                                                                                                                                               | Pre-identified areas                                          | No                                             |
| Niger    | Drought/dry spell                        | OCHA                                                    | CERF                                                          | FAO; UNDP; UNFPA; UNICEF; UNHCR; WFP; WHO                                  | Government of Niger (AGRHYMET; DNPCCA; NDM)                                                              | \$15,000,000                           | 455,398         | Agriculture; Cash and voucher assistance; Early warnings; Health; Protection, gender and inclusion; WASH                                 | This is the total pre-arranged amount for Niger.                                                                                                              | Areas selected after the trigger is reached                   | Yes                                            |
|          | Riverine flood                           | OCHA                                                    | CERF                                                          | FAO; IOM; UNDP; UNFPA; UNHCR; UNICEF; WFP; WHO                             | Government of Niger (DNPCCA; Hydrology, Sanitation and Environment Ministry; NDM; Niger Basin Authority) | \$5,000,000                            | 152,000         | Cash and voucher assistance; Health; Protecting assets; Protection, gender and inclusion; Shelter; WASH                                  | This pre-arranged amount should not be counted in addition to the OCHA-provided amount for drought/dry spell in Niger (row above).                            | Pre-identified areas                                          | Yes                                            |
|          | Riverine flood                           | Red Cross Society of Niger                              | IFRC                                                          | Red Cross Society of Niger                                                 |                                                                                                          | \$283,768                              | 15,000          | Early warnings; Evacuation; Health; Protecting assets; Shelter; WASH                                                                     |                                                                                                                                                               | Pre-identified areas                                          | No                                             |
| Nigeria  | Multi-hazard                             | Save the Children Nigeria                               | Save the Children International                               | Save the Children Nigeria                                                  |                                                                                                          | -                                      | -               | Capacity building; Cash and voucher assistance; Early warnings; Evacuation; Flood prevention; Food and nutrition; Non-food support; WASH | Hazards: drought; flood. This EAP is activated based on risk analysis, and has triggers and actions, but no exact funding amount or target population figure. | Pre-identified areas                                          | No                                             |
|          | Riverine flood                           | Nigerian Red Cross Society                              | IFRC                                                          | Nigerian Red Cross Society                                                 |                                                                                                          | \$249,716                              | 7,500           | Cash and voucher assistance; Early warnings                                                                                              |                                                                                                                                                               | Pre-identified areas                                          | No                                             |
| Pakistan | Cyclone/hurricane/tropical storm/typhoon | Save the Children Pakistan                              | Save the Children International                               | Save the Children Pakistan                                                 |                                                                                                          | -                                      | -               | Agriculture; Capacity building; Early warnings; Protecting assets                                                                        | This EAP is activated based on risk analysis, and has triggers and actions, but no exact funding amount or target population figure.                          | Pre-identified areas                                          | Don't know                                     |
|          | Drought/dry spell                        | FAO                                                     | FAO                                                           | FAO                                                                        | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                        | \$395,000                              | 88,414          | Agriculture; Capacity building; Cash and voucher assistance; Early warnings; Livestock                                                   |                                                                                                                                                               | Pre-identified areas                                          |                                                |
|          | Drought/dry spell                        | Start Network                                           | Start Network                                                 | ACTED; Doaba Foundation; Help Foundation; LHDP; Muslim Hands; REPID; SWRDO |                                                                                                          | \$957,854                              | 140,713         | Cash and voucher assistance; Economic activities; Food and nutrition; Health; WASH; other                                                | Other actions: education.                                                                                                                                     | Pre-identified areas                                          | No                                             |
|          | Flash flood                              | WHH                                                     | ECHO                                                          | FRDP                                                                       | District Disaster Management Authority, Dadu; Provincial Disaster Management Authority, Sindh            | \$163,327                              | 7,000           | Cash and voucher assistance                                                                                                              |                                                                                                                                                               | Pre-identified areas                                          | No                                             |

| Country                   | Hazard                                   | Coordinating organization(s)                     | Funding organization(s) | Implementing organization(s)                                                                                         | Government organization(s)                                                                                                                                         | Available budget per activation (US\$) | People targeted                                                              | Types of anticipatory action listed                                                                                 | Notes                                                                                                                                              | Pre-identified areas, or areas selected after trigger reached | Fragile, conflict- or violence-affected areas? |
|---------------------------|------------------------------------------|--------------------------------------------------|-------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------|
| Pakistan                  | Heat wave                                | Start Network                                    | Start Network           | BSDSB; Doaba Foundation; LHDP; Mercy Corps; Muslim Hands UK; PRDS                                                    |                                                                                                                                                                    | \$689,655                              | 240,000                                                                      | Health; Non-food support; Shelter; WASH; other                                                                      | Other actions: education.                                                                                                                          | Pre-identified areas                                          | No                                             |
|                           | Multi-hazard                             | WHH                                              | GFFO                    | ACF; ACTED; AGHAE; CDF; FDO; Lasoona; Muslim Aid; RCDS; Sukaar                                                       | District disaster management authorities; NDMA; provincial disaster management authorities (Balochistan, Khyber Pakhtunkhwa, Punjab, Sindh)                        | \$86,580                               | 483,000                                                                      | Agriculture; Cash and voucher assistance; Food and nutrition; Health; Non-food support; Shelter; WASH               | Hazards: drought; floods; heat wave. The financing amount varies between 60,000 and 80,000 euros, according to the hazard and budget availability. | Pre-identified areas                                          | No                                             |
|                           | Riverine flood                           | Education in Emergencies Working Group           | Education Cannot Wait   | Save the Children; UNICEF                                                                                            | Education Department (federal and provincial levels); NDMA                                                                                                         | \$750,000                              | 30,000                                                                       | Early warnings; Flood prevention; WASH; other                                                                       | Other actions: education.                                                                                                                          | Pre-identified                                                |                                                |
|                           | Riverine flood                           | FAO                                              | FAO                     | FAO                                                                                                                  | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                  | \$310,000                              | 7,500                                                                        | Cash and voucher assistance; Early warnings; Non-food support                                                       |                                                                                                                                                    | Pre-identified areas                                          |                                                |
|                           | Riverine flood                           | Pakistan Red Crescent                            | IFRC                    | Pakistan Red Crescent                                                                                                |                                                                                                                                                                    | \$227,015                              | 52,144                                                                       | Cash and voucher assistance; Early warnings                                                                         |                                                                                                                                                    | Pre-identified areas                                          | No                                             |
|                           | Riverine flood                           | Start Network                                    | Start Network           | AGAHE; Azat Foundation; Care International UK; Doaba Foundation; HANDS; Help Foundation; RDF; REEDS; SWRDO; TearFund |                                                                                                                                                                    | \$957,854                              | 140,713                                                                      | Flood prevention; Health; Non-food support; Protecting assets; Shelter; WASH; other                                 | Other actions: education.                                                                                                                          | Pre-identified areas                                          | No                                             |
| Philippines               | Cyclone/hurricane/tropical storm/typhoon | ACF                                              | Donor funding           | ACCORD; CARE; HI; local NGOs; Oxfam; Plan International; Save the Children Philippines                               | Local government                                                                                                                                                   | -                                      | 21,000                                                                       | Cash and voucher assistance; Early warnings                                                                         | People targeted: 5,000 HH.                                                                                                                         | Pre-identified areas                                          |                                                |
|                           | Cyclone/hurricane/tropical storm/typhoon | FAO                                              | FAO                     | FAO                                                                                                                  | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                  | \$200,000                              | 42,000                                                                       | Cash and voucher assistance; Early warnings; Evacuation; Livestock                                                  |                                                                                                                                                    | Pre-identified areas                                          |                                                |
|                           | Cyclone/hurricane/tropical storm/typhoon | Municipality of Virac, Catanduanes; Oxfam; PDRRN | Oxfam Pilipinas         | Municipality of Virac, Catanduanes; Oxfam; PDRRN                                                                     | MDRRMC of the Municipality of Virac, Catanduanes; Office of the MDRRMO; Office of the Province of Catanduanes; Office of the Provincial DRRM; PAGASA - Catanduanes | \$17,000                               | 4,000                                                                        | Cash and voucher assistance; Evacuation; Non-food support                                                           |                                                                                                                                                    | Pre-identified areas                                          | No                                             |
|                           | Cyclone/hurricane/tropical storm/typhoon | OCHA                                             | CERF                    | FAO; IOM; UNFPA; UNICEF; WFP                                                                                         | Government of the Philippines (DSDW; LGUs; NDRRMC; Office of Civil Defense)                                                                                        | \$7,500,000                            | 499,151                                                                      | Cash and voucher assistance; Early warnings; Food and nutrition; Protection, gender and inclusion; Shelter; WASH    |                                                                                                                                                    | Areas selected after the trigger is reached                   | No                                             |
|                           | Cyclone/hurricane/tropical storm/typhoon | PDRRN                                            | Caritas Germany         | LGUs; PDRRN                                                                                                          | LDRRMCs; PAGASA                                                                                                                                                    | \$23,404                               | 3,381                                                                        | Cash and voucher assistance                                                                                         | People targeted: 805 HH.                                                                                                                           | Pre-identified areas                                          | No                                             |
|                           | Cyclone/hurricane/tropical storm/typhoon | Philippine Red Cross                             | IFRC                    | Philippine Red Cross                                                                                                 |                                                                                                                                                                    | \$607,594                              | 15,000                                                                       | Cash and voucher assistance; Evacuation; Shelter                                                                    |                                                                                                                                                    | Pre-identified areas                                          | No                                             |
|                           | Cyclone/hurricane/tropical storm/typhoon | Start Network                                    | Start Network           | HI UK                                                                                                                |                                                                                                                                                                    | \$2,149,553                            | 55,331                                                                       | Capacity building; Cash and voucher assistance; Flood prevention; Livestock; Protection, gender and inclusion; WASH |                                                                                                                                                    | Pre-identified areas                                          | No                                             |
| Disease outbreak/epidemic | WVI                                      | IADOR project; Start Network                     |                         |                                                                                                                      | \$95,785                                                                                                                                                           | 164,959                                | Capacity building; Cash and voucher assistance; Early warnings; Health; WASH |                                                                                                                     |                                                                                                                                                    |                                                               |                                                |

| Country     | Hazard              | Coordinating organization(s)                                                 | Funding organization(s)                           | Implementing organization(s)                                                     | Government organization(s)                                                        | Available budget per activation (US\$) | People targeted | Types of anticipatory action listed                                                                                                                                             | Notes                                                                                                                                                         | Pre-identified areas, or areas selected after trigger reached | Fragile, conflict- or violence-affected areas? |
|-------------|---------------------|------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------|
| Philippines | Drought/dry spell   | FAO                                                                          | FAO                                               | FAO                                                                              | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA | \$200,000                              | 42,000          | Agriculture; Cash and voucher assistance                                                                                                                                        |                                                                                                                                                               | Pre-identified areas                                          |                                                |
|             | Drought/dry spell   | Oxfam                                                                        | ECHO                                              | COM; Manila Observatory; Oxfam Pilipinas; PDRRN                                  | BARMM MILG; BARMM READI                                                           | \$68,281                               | 5,665           | Agriculture; Cash and voucher assistance; Food and nutrition; WASH                                                                                                              | The SUPREME BARMM project is implemented in the Special Geographic Areas of the BARMM, which has experienced many years of conflict.                          | Pre-identified areas                                          | Yes                                            |
|             | Flood               | Save the Children Philippines                                                | Australian Aid                                    | Save the Children Philippines                                                    | Disaster Management Authority                                                     | -                                      | 20,143          | Cash and voucher assistance; Early warnings                                                                                                                                     | People targeted: 4,769 HH.                                                                                                                                    | Pre-identified areas                                          | No                                             |
|             | Flood               | WVI                                                                          | Local disaster risk reduction and management fund |                                                                                  |                                                                                   | \$34,432                               | -               | Food and nutrition; Shelter                                                                                                                                                     |                                                                                                                                                               |                                                               |                                                |
|             | Riverine flood      | FAO                                                                          | FAO                                               | FAO                                                                              | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA | \$300,000                              | 42,000          | Cash and voucher assistance; Early warnings; Non-food support                                                                                                                   |                                                                                                                                                               | Pre-identified areas                                          |                                                |
|             | Riverine flood      | Oxfam                                                                        | ECHO under the SUPREME BARMM project              | COM; HI; Manila Observatory; Oxfam Pilipinas                                     | BARMM MSSD; BARMM READI                                                           | \$7,840                                | 1,150           | Evacuation; Non-food support                                                                                                                                                    | The SUPREME BARMM project is implemented in the Special Geographic Areas of the BARMM, which has experienced many years of conflict.                          | Pre-identified areas                                          | Yes                                            |
|             | Storm-induced flood | Philippine Red Cross                                                         | IFRC                                              | Philippine Red Cross                                                             |                                                                                   | \$283,850                              | 7,500           | Agriculture; Cash and voucher assistance; Economic activities; Fisheries and aquaculture; Livestock                                                                             |                                                                                                                                                               | Pre-identified areas                                          | No                                             |
| Senegal     | Drought/dry spell   | Start Network                                                                | Start Network                                     | ACF; CRS; Oxfam; Plan International; Save the Children; WVI                      |                                                                                   | \$957,854                              | 18,387          | Agriculture; Cash and voucher assistance; Food and nutrition                                                                                                                    |                                                                                                                                                               | Pre-identified areas                                          | No                                             |
| Somalia     | Drought/dry spell   | Ministry of Humanitarian and Disaster Management of Southwest State - Baidoa | World Vision Canada                               | WVI                                                                              | Ministry of Humanitarian and Disaster Management of Southwest State - Baidoa      | \$230,000                              | 600             | Cash and voucher assistance; Early warnings; Protecting assets                                                                                                                  |                                                                                                                                                               | Areas selected after the trigger is reached                   | Yes                                            |
|             | Drought/dry spell   | Somali Red Crescent Society                                                  | IFRC                                              | Somali Red Crescent Society                                                      |                                                                                   | \$602,194                              | 30,000          | Cash and voucher assistance; Early warnings; WASH                                                                                                                               |                                                                                                                                                               | Pre-identified areas                                          | No                                             |
|             | Drought/dry spell   | Start Network                                                                | Start Network                                     | ACTED; ActionAid; MuslimAid; Oxfam; SADO; Save the Children International; WASDA |                                                                                   | \$2,027,586                            | 22,207          | Cash and voucher assistance; Food and nutrition                                                                                                                                 |                                                                                                                                                               | Pre-identified areas                                          | Yes                                            |
|             | Flood               | WFP                                                                          | WFP HQ Trust Fund                                 | WFP                                                                              | Government of Somalia                                                             | \$3,991,033                            | 227,804         | Cash and voucher assistance; Early warnings; Non-food support                                                                                                                   |                                                                                                                                                               | Pre-identified areas                                          | Yes                                            |
|             | Multi-hazard        | Save the Children Somalia                                                    | GFFO                                              | Save the Children Somalia                                                        | SoDMA                                                                             | -                                      | -               | Agriculture; Capacity building; Cash and voucher assistance; Early warnings; Flood prevention; Livestock; Non-food support; Protecting assets; Protection, gender and inclusion | Hazards: drought; flood. This EAP is activated based on risk analysis, and has triggers and actions, but no exact funding amount or target population figure. | Pre-identified areas                                          | Partly                                         |
|             | Riverine flood      | Start Network                                                                | Start Network                                     | ActionAid; Muslim Aid                                                            |                                                                                   | \$957,854                              | 31,901          | Cash and voucher assistance; Early warnings; Protection, gender and inclusion; Shelter; WASH                                                                                    |                                                                                                                                                               | Pre-identified areas                                          | Yes                                            |

| Country     | Hazard                                   | Coordinating organization(s)       | Funding organization(s)                             | Implementing organization(s)                     | Government organization(s)                                                                      | Available budget per activation (US\$) | People targeted | Types of anticipatory action listed                                                                                                                               | Notes                                                                                                                                                                                     | Pre-identified areas, or areas selected after trigger reached | Fragile, conflict- or violence-affected areas? |
|-------------|------------------------------------------|------------------------------------|-----------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------|
| South Sudan | Multi-hazard                             | Save the Children South Sudan      | Save the Children International (Humanitarian Fund) | Save the Children South Sudan                    | Ministry of Water Resources and Irrigation                                                      | -                                      | -               | Early warnings; Food and nutrition; Livestock; Protecting assets; Protection, gender and inclusion                                                                | Hazards: conflict; disease outbreak; drought; flood. This EAP is activated based on risk analysis, and has triggers and actions, but no exact funding amount or target population figure. | Pre-identified areas                                          | No                                             |
| Sudan       | Drought/dry spell                        | FAO                                | FAO                                                 | FAO                                              | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA               | \$1,000,000                            | 59,000          | Agriculture; Livestock                                                                                                                                            |                                                                                                                                                                                           | Pre-identified areas                                          |                                                |
|             | Multi-hazard                             | Save the Children Sudan            | GFFO                                                | Save the Children Sudan                          | Ministry of Health; Ministry of Urban Planning; Sudan Meteorological Agency                     | \$500,000                              | 200,000         | Capacity building; Early warnings; Flood prevention; Food and nutrition; Health; Livestock; Non-food support; Protecting assets; Protection, gender and inclusion | Hazards: disease outbreak/epidemic (cholera, dengue and malaria); drought; flash flood.                                                                                                   | Pre-identified areas                                          | No                                             |
| Tajikistan  | Cold wave/heavy snowfall                 | Red Crescent Society of Tajikistan | IFRC                                                | Red Crescent Society of Tajikistan               |                                                                                                 | \$312,110                              | 6,565           | Early warnings; Food and nutrition; Heating and warming; Non-food support                                                                                         |                                                                                                                                                                                           | Pre-identified areas                                          | No                                             |
|             | Heat wave                                | Red Crescent Society of Tajikistan | IFRC                                                | Red Crescent Society of Tajikistan               |                                                                                                 | \$283,734                              | 5,580           | Cooling; Early warnings; Protecting assets; WASH                                                                                                                  |                                                                                                                                                                                           | Pre-identified areas                                          | No                                             |
| Timor-Leste | Drought/dry spell                        | FAO                                | FAO                                                 | FAO                                              | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA               | \$1,000,001                            | 53,000          | Agriculture; Capacity building; Cash and voucher assistance; Early warnings                                                                                       |                                                                                                                                                                                           | Pre-identified areas                                          |                                                |
|             | Drought/dry spell                        | World Vision Timor-Leste           | AHP Disaster READY project                          |                                                  |                                                                                                 | \$144,302                              | 3,306           | Agriculture; Cash and voucher assistance; Livestock; WASH; other                                                                                                  | Other actions: drought-impact monitoring.                                                                                                                                                 |                                                               |                                                |
|             | Riverine flood                           | BIFANO; Oxfam                      | DFAT                                                | BIFANO; Bobocase community action teams; Oxfam   | Civil Protection Authority in Oecusse Joao da Silva Sila; village chiefs and sub-village chiefs | \$19,789                               | 631             | Evacuation; Non-food support; Protecting assets; Shelter; WASH                                                                                                    |                                                                                                                                                                                           | Pre-identified areas                                          | No                                             |
| Uganda      | Drought/dry spell                        | FAO; WFP                           | FAO                                                 | FAO; WFP                                         | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA               | \$10,943,078                           | 1,104,583       | Agriculture; Cash and voucher assistance; Early warnings; Livestock                                                                                               |                                                                                                                                                                                           | Pre-identified areas                                          |                                                |
| Vanuatu     | Cyclone/hurricane/tropical storm/typhoon | Save the Children Australia        | Save the Children Australia                         | ACOMV; Action Aid Vanuatu; ADRA; CANDO; PCV; VCC | Vanuatu Meteorology and Geo-Hazards Department                                                  | \$137,010                              | -               | Capacity building; Cash and voucher assistance; Early warnings; Food and nutrition; Protecting assets; Protection, gender and inclusion                           |                                                                                                                                                                                           | Pre-identified areas                                          | No                                             |
| Viet Nam    | Drought/dry spell                        | FAO                                | FAO                                                 | FAO                                              | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA               | \$1,000,000                            | 34,000          | Agriculture; Capacity building; Cash and voucher assistance; Livestock                                                                                            |                                                                                                                                                                                           | Pre-identified areas                                          |                                                |
|             | Drought/dry spell                        | WVI in Vietnam                     | Donor funding                                       |                                                  | IMHEN; local government                                                                         | -                                      | 3,400           | Cash and voucher assistance; Early warnings                                                                                                                       | People targeted: 1,000 HH.                                                                                                                                                                | Pre-identified areas                                          |                                                |
|             | Heat wave                                | Vietnam Red Cross Society          | IFRC                                                | Vietnam Red Cross Society                        |                                                                                                 | \$255,715                              | 25,525          | Cooling; Early warnings                                                                                                                                           |                                                                                                                                                                                           | Pre-identified areas                                          | No                                             |
|             | Storm-induced flood                      | CARE; Plan International           | Donor funding                                       |                                                  | IMHEN; local government; National Centre for Hydro-Meteorological Forecasting                   | -                                      | 3,400           | Cash and voucher assistance; Early warnings                                                                                                                       | People covered: 1,000 HH. Hazard: typhoon-induced flood.                                                                                                                                  | Pre-identified areas                                          |                                                |
|             | Storm-induced flood                      | FAO                                | FAO                                                 | FAO                                              | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA               | \$430,000                              | 34,000          | Cash and voucher assistance; Livestock; Non-food support                                                                                                          | Hazard: typhoon-induced flood.                                                                                                                                                            | Pre-identified areas                                          |                                                |
| Yemen       | Drought/dry spell                        | FAO                                | FAO                                                 | FAO                                              | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA               | \$1,000,000                            | 67,000          | Agriculture; Cash and voucher assistance; Livestock                                                                                                               |                                                                                                                                                                                           | Pre-identified areas                                          |                                                |

| Country      | Hazard              | Coordinating organization(s) | Funding organization(s) | Implementing organization(s)                                                            | Government organization(s)                                                        | Available budget per activation (US\$) | People targeted | Types of anticipatory action listed                                                                             | Notes                     | Pre-identified areas, or areas selected after trigger reached | Fragile, conflict- or violence-affected areas? |
|--------------|---------------------|------------------------------|-------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------------------------|------------------------------------------------|
| Yemen        | Storm-induced flood | Yemen Red Crescent Society   | IFRC                    | Yemen Red Crescent Society                                                              |                                                                                   | \$249,716                              | 15,785          | Cash and voucher assistance; Early warnings; Health; Protecting assets; Shelter; WASH                           |                           | Pre-identified areas                                          | Yes                                            |
| Zimbabwe     | Drought/dry spell   | FAO                          | FAO                     | FAO                                                                                     | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA | \$500,000                              | 34,000          | Agriculture; Capacity building; Livestock                                                                       |                           | Pre-identified areas                                          |                                                |
|              | Drought/dry spell   | Start Network                | Start Network           | Aquaculture Zimbabwe; Christian Aid; Lutheran; ORAP; Save the Children UK; World Vision |                                                                                   | \$1,021,711                            | 10,000          | Capacity building; Early warnings; Food and nutrition; Livestock; Protection, gender and inclusion; WASH; other | Other actions: education. | Pre-identified areas                                          | No                                             |
|              | Drought/dry spell   | WFP                          | WFP HQ Trust Fund       | WFP                                                                                     | Government of Zimbabwe                                                            | \$5,000,000                            | 902,030         | Agriculture; Early warnings; Livestock; WASH                                                                    |                           | Pre-identified areas                                          | No                                             |
|              | Drought/dry spell   | Zimbabwe Red Cross Society   | IFRC                    | Zimbabwe Red Cross Society                                                              |                                                                                   | \$623,516                              | 21,000          | Agriculture; Cash and voucher assistance; Early warnings; Livestock                                             |                           | Pre-identified areas                                          | No                                             |
|              | Riverine flood      | FAO                          | FAO                     | FAO                                                                                     | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA | \$500,000                              | 32,000          | Cash and voucher assistance; Flood prevention; Livestock                                                        |                           | Pre-identified areas                                          |                                                |
| <b>TOTAL</b> |                     |                              |                         |                                                                                         |                                                                                   | <b>\$247,994,188</b>                   |                 |                                                                                                                 |                           |                                                               |                                                |

**Table A3. Frameworks under development in 2024**

| Country                         | Hazard                                    | Coordinating organization(s)  | Funding organization(s)                       | Implementing organization(s)                         | Government organization(s)                                                        | Notes                                                |
|---------------------------------|-------------------------------------------|-------------------------------|-----------------------------------------------|------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------|
| <b>Afghanistan</b>              | Drought/dry spell                         | CRS                           | Internal funding; private donor               | CRS                                                  | ANDMA; Ministry of Agriculture, Irrigation and Livestock; Ministry of Economy     |                                                      |
|                                 | Drought/dry spell                         | FAO                           | FAO                                           |                                                      |                                                                                   |                                                      |
|                                 | Drought/dry spell                         | IRC                           |                                               | IRC                                                  |                                                                                   |                                                      |
|                                 | Drought/dry spell                         | OCHA                          | AHF; CERF                                     | FAO; IOM, UNFPA; UNICEF; UN Women; various NGOs; WFP | ANDMA                                                                             | US\$20 million pre-agreed funding.                   |
|                                 | Multi-hazard                              | Afghanaid                     | Donor funding; organizational funding         |                                                      | Local government                                                                  | Hazards: drought; flood.                             |
|                                 | Multi-hazard                              | World Vision Afghanistan      | Dutch Relief Alliance; organizational funding | Local organizations                                  |                                                                                   | Hazards: drought; flood.                             |
| <b>Albania</b>                  | Heat wave                                 |                               | Austrian Red Cross                            | Albanian Red Cross                                   |                                                                                   |                                                      |
| <b>Armenia</b>                  | tbd                                       |                               | IrishAID                                      | Armenian Red Cross Society                           |                                                                                   |                                                      |
| <b>Bolivia</b>                  | Wildfire                                  | FAO                           | FAO                                           | FAO; municipal government                            | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA | Hazard: drought-related forest fire.                 |
| <b>Bosnia and Herzegovina</b>   | Flood                                     |                               |                                               | Red Cross Society of Bosnia and Herzegovina          |                                                                                   |                                                      |
| <b>Bulgaria</b>                 | Flood                                     |                               |                                               | Bulgarian Red Cross                                  |                                                                                   |                                                      |
| <b>Burkina Faso</b>             | Drought/dry spell                         | Oxfam; WHH                    | GFFO                                          | ATAD; Oxfam Burkina Faso; Oxfam Germany              | ANAM; CODESUR; CONASUR; CORESUR; Direction Provinciale de l'Agriculture           | WAHAFA project.                                      |
|                                 | Drought/dry spell                         | WFP                           | WFP Trust Fund                                | WFP                                                  | Government of Burkina Faso                                                        |                                                      |
|                                 | Riverine flood                            | Oxfam; WHH                    | GFFO                                          | ATAD; Oxfam Burkina Faso; Oxfam Germany              | ANAM; CODESUR; CONASUR; CORESUR; Direction Provinciale de l'Agriculture           | WAHAFA project.                                      |
|                                 | Riverine flood                            |                               | Italian government                            | Burkinabe Red Cross Society                          |                                                                                   |                                                      |
| <b>Burundi</b>                  | Flood                                     | WFP                           | WFP Trust Fund                                | WFP                                                  | Government of Burundi                                                             |                                                      |
|                                 | Riverine flood                            |                               | Italian government                            | Burundi Red Cross                                    |                                                                                   |                                                      |
| <b>Cambodia</b>                 | Flood                                     | WFP                           | WFP Trust Fund                                | WFP                                                  | Government of Cambodia                                                            |                                                      |
|                                 | Flood                                     | WVI                           |                                               |                                                      |                                                                                   |                                                      |
|                                 | Multi-hazard                              | DanChurchAid                  |                                               |                                                      |                                                                                   | Hazards: disease outbreak/epidemic; economic shocks. |
|                                 | Multi-hazard                              | Habitat for Humanity Cambodia | DFAT (ANCP)                                   | Communities; local authorities                       | NCDM                                                                              | Hazards: drought; flood.                             |
| <b>Cameroon</b>                 | Drought/dry spell                         | FAO                           | FAO                                           |                                                      | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA |                                                      |
|                                 | Riverine flood                            |                               |                                               | Cameroon Red Cross Society                           |                                                                                   |                                                      |
| <b>Central African Republic</b> | Conflict and violence/ electoral violence | World Vision                  | Start Network                                 | World Vision                                         |                                                                                   |                                                      |
| <b>Chad</b>                     | Flood                                     | WFP                           | WFP Trust Fund                                | WFP                                                  | Government of Chad                                                                |                                                      |
| <b>Colombia</b>                 | Disease outbreak/epidemic                 |                               |                                               | Colombian Red Cross                                  |                                                                                   | Hazard: dengue.                                      |
|                                 | Flood                                     |                               |                                               | Colombian Red Cross                                  |                                                                                   |                                                      |
|                                 | Riverine flood                            | HI                            | Start Network                                 | HI                                                   |                                                                                   |                                                      |
| <b>Costa Rica</b>               | Drought/dry spell                         |                               |                                               | Costa Rican Red Cross                                |                                                                                   |                                                      |
|                                 | Population movement                       |                               |                                               | Costa Rican Red Cross                                |                                                                                   |                                                      |
| <b>Cuba</b>                     | Multi-hazard                              | FAO; WFP                      | Government of Ireland                         | Cuban Civil Protection; FAO; WFP                     | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA |                                                      |

## Notes

Frameworks under development that could not be verified (i.e., by the coordinating organization) were excluded from this table.

| Country                                 | Hazard                                   | Coordinating organization(s)                                                                 | Funding organization(s)                 | Implementing organization(s)                                                      | Government organization(s)                                                                        | Notes                                                                                                                                                          |
|-----------------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Democratic Republic of the Congo</b> | Riverine flood                           |                                                                                              | Italian government                      | Red Cross of the Democratic Republic of the Congo                                 |                                                                                                   |                                                                                                                                                                |
| <b>Djibouti</b>                         | Drought/dry spell                        | WFP                                                                                          | WFP Trust Fund                          | WFP                                                                               | Government of Djibouti                                                                            |                                                                                                                                                                |
|                                         | Population movement                      |                                                                                              | Italian government                      | Red Crescent Society of Djibouti                                                  |                                                                                                   |                                                                                                                                                                |
| <b>Ecuador</b>                          | Disease outbreak/epidemic                |                                                                                              |                                         | Ecuadorian Red Cross                                                              |                                                                                                   | Hazard: dengue.                                                                                                                                                |
|                                         | Drought/dry spell                        |                                                                                              |                                         | Ecuadorian Red Cross                                                              |                                                                                                   |                                                                                                                                                                |
|                                         | Riverine flood                           | FAO                                                                                          | FAO                                     |                                                                                   | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                 | Hazard: floods due to heavy rain linked to El Niño events.                                                                                                     |
| <b>El Salvador</b>                      | Drought/dry spell                        | Oxfam                                                                                        | MACP                                    | CORDES; Fundación Campo                                                           | DGOA                                                                                              |                                                                                                                                                                |
|                                         | Riverine flood                           | FAO                                                                                          | FAO                                     | FAO; government; NGOs                                                             | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                 |                                                                                                                                                                |
| <b>Estonia</b>                          | Heat wave                                |                                                                                              |                                         | Estonian Red Cross                                                                |                                                                                                   |                                                                                                                                                                |
|                                         | Wildfire                                 |                                                                                              |                                         | Estonian Red Cross                                                                |                                                                                                   |                                                                                                                                                                |
| <b>Ethiopia</b>                         | Disease outbreak/epidemic                |                                                                                              |                                         | Ethiopian Red Cross Society                                                       |                                                                                                   |                                                                                                                                                                |
|                                         | Drought/dry spell                        | OCHA                                                                                         | CERF                                    |                                                                                   | EDRMC; EMI; Ministry of Agriculture                                                               | US\$15 million pre-agreed funding (this is the total amount pre-arranged for Ethiopia).                                                                        |
|                                         | Flood                                    | WFP                                                                                          | WFP Trust Fund                          | WFP                                                                               | Government of Ethiopia                                                                            |                                                                                                                                                                |
|                                         | Riverine flood                           | OCHA                                                                                         | CERF                                    |                                                                                   | EDMRC                                                                                             | US\$5 million pre-agreed funding (this is combined with the other OCHA framework under development for Ethiopia; US\$15 million is the total for the country). |
| <b>Fiji</b>                             | Cyclone/hurricane/tropical storm/typhoon | UNCDF; UNDRR                                                                                 | Insurance-based funding                 |                                                                                   | FMS; NDMO                                                                                         |                                                                                                                                                                |
| <b>Gambia</b>                           | Riverine flood                           |                                                                                              | Italian government                      | Gambia Red Cross Society                                                          |                                                                                                   |                                                                                                                                                                |
| <b>Georgia</b>                          | Flood                                    |                                                                                              |                                         | Red Cross Society of Georgia                                                      |                                                                                                   |                                                                                                                                                                |
|                                         | Heat wave                                |                                                                                              |                                         | Red Cross Society of Georgia                                                      |                                                                                                   |                                                                                                                                                                |
| <b>Germany</b>                          | Flood                                    |                                                                                              |                                         | German Red Cross                                                                  |                                                                                                   |                                                                                                                                                                |
| <b>Greece</b>                           | Flood                                    |                                                                                              | Horizon/Medusa project                  | Hellenic Red Cross                                                                |                                                                                                   |                                                                                                                                                                |
| <b>Guatemala</b>                        | Drought/dry spell                        | Oxfam                                                                                        | MACP                                    | ASEDECHI; Asociación Corazón del Maíz                                             | INSIVUMEH                                                                                         |                                                                                                                                                                |
|                                         | Volcanic ash/volcanic activity           |                                                                                              |                                         | Guatemalan Red Cross                                                              |                                                                                                   |                                                                                                                                                                |
| <b>Indonesia</b>                        | Drought/dry spell                        | Forum Pengurangan Risiko Bencana (DIY); WFP                                                  | Donor funding; WFP HQ Trust Fund        | Bappeda (DIY); BPKA (DIY); DPUPESDM (DIY); NGOs in DIY; Social Service (DIY); WFP | BMKG; BPBD; regency governments (Bantul, Kulon Progo, Gunungkidul)                                |                                                                                                                                                                |
|                                         | Drought/dry spell                        | Wahana Visi Indonesia                                                                        | Donor funding                           |                                                                                   | BMKG; BPBD                                                                                        |                                                                                                                                                                |
|                                         | Flood                                    | Mercy Corps Indonesia                                                                        | Organizational funding; village funding | District and village disaster preparedness groups                                 | BMKG; BPBD; district and village governments                                                      |                                                                                                                                                                |
|                                         | Riverine flood                           | CIS Timor; Oxfam                                                                             | MACP                                    | CIS Timor                                                                         | BMKG; BPBD (district level); district social affairs; village governments (Bena, Meusin, Motalun) |                                                                                                                                                                |
|                                         | Volcanic ash/volcanic activity           | BMKG; BNPB; IFRC; Indonesian Red Cross Society; OCHA; PVMBG; Save the Children International | Red Cross; Save the Children Indonesia  | CIS; Geutanyo; IBU; IDEP; Indonesian Red Cross Society; NFDMC; SCF                | BMKG; BNPB; Ministry of Health; PVMBG                                                             |                                                                                                                                                                |
| <b>Iraq</b>                             | Drought/dry spell                        | IRC                                                                                          | Trafigura Foundation                    | IRC                                                                               |                                                                                                   |                                                                                                                                                                |
|                                         | tbd                                      | FAO                                                                                          | FAO                                     |                                                                                   | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                 |                                                                                                                                                                |
| <b>Italy</b>                            | Disease outbreak/epidemic                |                                                                                              | ID Alert                                | Italian Red Cross                                                                 |                                                                                                   |                                                                                                                                                                |
|                                         | Flood                                    |                                                                                              | Horizon/Medusa project                  | Italian Red Cross                                                                 |                                                                                                   |                                                                                                                                                                |

| Country           | Hazard                                   | Coordinating organization(s) | Funding organization(s) | Implementing organization(s)          | Government organization(s)                                                                                                                             | Notes                                                                                          |
|-------------------|------------------------------------------|------------------------------|-------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <b>Kenya</b>      | Disease outbreak/epidemic                |                              | Italian government      | Kenya Red Cross Society               |                                                                                                                                                        |                                                                                                |
|                   | Drought/dry spell                        | WHH                          | GFFO                    | PACIDA; WHH Kenya                     | KMD; National Drought Management Authority                                                                                                             | WAHAFA project.                                                                                |
|                   | Riverine flood                           | WHH                          | GFFO                    | PACIDA; WHH Kenya                     | KMD; National Drought Management Authority                                                                                                             | WAHAFA project.                                                                                |
|                   | Riverine flood                           |                              |                         | Kenya Red Cross Society               |                                                                                                                                                        |                                                                                                |
|                   | tbd                                      | FAO                          | FAO                     |                                       | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                      |                                                                                                |
| <b>Kyrgyzstan</b> | Drought/dry spell                        |                              |                         | Red Crescent Society of Kyrgyzstan    |                                                                                                                                                        |                                                                                                |
|                   | Other                                    | WFP                          | WFP Trust Fund          | WFP                                   | Government of Kyrgyzstan                                                                                                                               | Hazard: frost.                                                                                 |
| <b>Latvia</b>     | Heat wave                                |                              | Takeda                  | Latvian Red Cross                     |                                                                                                                                                        |                                                                                                |
| <b>Lithuania</b>  | Heat wave                                |                              | Takeda                  | Lithuanian Red Cross Society          |                                                                                                                                                        |                                                                                                |
| <b>Madagascar</b> | Cyclone/hurricane/tropical storm/typhoon | WHH                          | GFFO                    | WHH Madagascar                        | BNGRC; DGM                                                                                                                                             | WAHAFA project.                                                                                |
|                   | Disease outbreak/epidemic                | OCHA                         | CERF                    |                                       |                                                                                                                                                        | Hazard: plague. US\$1 million pre-agreed funding.                                              |
|                   | Drought/dry spell                        | WHH                          | GFFO                    | Diakonie Katastrophenhilfe; SAF/FJKM  | BNGRC                                                                                                                                                  | WAHAFA project.                                                                                |
|                   | Drought/dry spell                        | WHH                          | GFFO                    | WHH Madagascar                        | BNGRC; DGM                                                                                                                                             | WAHAFA project.                                                                                |
|                   | Drought/dry spell                        |                              |                         | Malagasy Red Cross Society            |                                                                                                                                                        |                                                                                                |
|                   | Riverine flood                           | FAO                          | FAO                     |                                       | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                      |                                                                                                |
| <b>Malawi</b>     | Riverine flood                           | WHH                          | GFFO                    | WHH Madagascar                        | BNGRC; DGM                                                                                                                                             | WAHAFA project.                                                                                |
|                   | Disease outbreak/epidemic                | Danish Red Cross; IFRC       |                         | Malawi Red Cross Society              | Department of Climate Change and Meteorological Services; Department of Disaster Management Affairs; Department of Water Resources; Ministry of Health |                                                                                                |
|                   | Flood                                    | Danish Red Cross; IFRC       | IFRC                    | Malawi Red Cross Society              | Department of Climate Change and Meteorological Services; Department of Disaster Management Affairs; Department of Water Resources                     |                                                                                                |
|                   | Riverine flood                           | FAO                          | FAO                     |                                       | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                      |                                                                                                |
|                   | Riverine flood                           | WHH                          | GFFO                    | CARD; Care Germany; Care Malawi; ERDP | Department of Climate Change and Meteorological Services; Department of Disaster Management Affairs                                                    | WAHAFA project.                                                                                |
|                   | Riverine flood                           | WHH                          | GFFO                    | Kindernothilfe; WACRAD                | Department of Climate Change and Meteorological Services; Department of Disaster Management Affairs                                                    | WAHAFA project.                                                                                |
| <b>Mali</b>       | Riverine flood                           |                              | Italian government      | Malawi Red Cross Society              |                                                                                                                                                        |                                                                                                |
|                   | Drought/dry spell                        | WFP                          | WFP Trust Fund          | WFP                                   | Government of Mali                                                                                                                                     |                                                                                                |
|                   | Drought/dry spell                        |                              |                         | Mali Red Cross                        |                                                                                                                                                        |                                                                                                |
| <b>Mauritania</b> | Riverine flood                           | FAO                          | FAO                     |                                       | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                      |                                                                                                |
|                   | Drought/dry spell                        | WFP                          | WFP Trust Fund          | WFP                                   | Government of Mauritania                                                                                                                               |                                                                                                |
|                   | Riverine flood                           |                              | Italian government      | Mauritanian Red Crescent              |                                                                                                                                                        |                                                                                                |
| <b>Mexico</b>     | tbd                                      | FAO                          | FAO                     |                                       | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                      |                                                                                                |
|                   | Population movement                      |                              |                         | Mexican Red Cross                     |                                                                                                                                                        |                                                                                                |
| <b>Mongolia</b>   | Disease outbreak/epidemic                |                              |                         | Mongolian Red Cross Society           |                                                                                                                                                        | Hazard: influenza.                                                                             |
|                   | Multi-hazard                             | WVI                          |                         |                                       |                                                                                                                                                        | Hazards: disease outbreak; flash flood; wildfire (steppe/building); winter storm (snow storm). |
| <b>Montenegro</b> | Heat wave                                |                              | Takeda                  | Red Cross of Montenegro               |                                                                                                                                                        |                                                                                                |

| Country                              | Hazard                                   | Coordinating organization(s)                                               | Funding organization(s)                                                                         | Implementing organization(s)                                                      | Government organization(s)                                                                                                                                                                                                          | Notes                                                                                                                                                                                          |
|--------------------------------------|------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mozambique                           | Cyclone/hurricane/tropical storm/typhoon | OCHA                                                                       | CERF                                                                                            | IOM; UNFPA; UNICEF; WFP                                                           | Government of Mozambique; INGD                                                                                                                                                                                                      | US\$6 million pre-agreed funding; amounts for Mozambique can be counted individually and added together, so the total pre-arranged funding for Mozambique is US\$7.5 million.                  |
|                                      | Cyclone/hurricane/tropical storm/typhoon | WHH                                                                        | GFFO                                                                                            | ADRA Germany; ADRA Mozambique; Fundação SEPPA                                     | INAM; INGD                                                                                                                                                                                                                          | WAHAFA project.                                                                                                                                                                                |
|                                      | Disease outbreak/epidemic                | OCHA                                                                       | CERF                                                                                            | tbc                                                                               |                                                                                                                                                                                                                                     | Hazard: cholera. US\$1.5 million pre-agreed funding. Amounts for Mozambique can be counted individually and added together, so the total pre-agreed funding for Mozambique is US\$7.5 million. |
|                                      | Riverine flood                           | Government (Technical Working Group for Early Warning-Anticipatory Action) | FAO                                                                                             | FAO; government; IFRC; Mozambique Red Cross Society; NGOs; Save the Children; WFP | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                                                                                   |                                                                                                                                                                                                |
|                                      | Riverine flood                           | WHH                                                                        | GFFO                                                                                            | ADRA Germany; ADRA Mozambique; Fundação SEPPA                                     | INAM; INGD                                                                                                                                                                                                                          | WAHAFA project.                                                                                                                                                                                |
| Multi-country (Benin, Nigeria, Togo) | Flood                                    | IFRC; University of Hamburg                                                | FCDO; IDRC                                                                                      | Nigerian Red Cross Society; Red Cross of Benin; Togolese Red Cross                | NIHSA; NiMet                                                                                                                                                                                                                        |                                                                                                                                                                                                |
| Multi-country (Ethiopia, Kenya)      | Multi-hazard                             | SoH                                                                        | GFFO                                                                                            | Caritas Marsabit; ECC-SDC; SCORE; SoH East Africa Branch                          | EDRMC; EMI; KMD; National Drought Management Agency (Kenya)                                                                                                                                                                         | Hazards: drought; flood.                                                                                                                                                                       |
| Myanmar                              | Cyclone/hurricane/tropical storm/typhoon |                                                                            | German Red Cross                                                                                | Myanmar Red Cross Society                                                         |                                                                                                                                                                                                                                     |                                                                                                                                                                                                |
|                                      | Heat wave                                |                                                                            |                                                                                                 | Myanmar Red Cross Society                                                         |                                                                                                                                                                                                                                     | Focus on urban heat waves.                                                                                                                                                                     |
|                                      | Riverine flood                           | FAO                                                                        | FAO                                                                                             |                                                                                   | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                                                                                   |                                                                                                                                                                                                |
| Namibia                              | Drought/dry spell                        |                                                                            |                                                                                                 | Namibia Red Cross                                                                 |                                                                                                                                                                                                                                     |                                                                                                                                                                                                |
| Nepal                                | Drought/dry spell                        | DanChurchAid                                                               | Organizational funding                                                                          | LI-BIRD Bardiya                                                                   | DHM                                                                                                                                                                                                                                 |                                                                                                                                                                                                |
|                                      | Drought/dry spell                        | Mercy Corps                                                                | Start Network                                                                                   | Mercy Corps                                                                       |                                                                                                                                                                                                                                     |                                                                                                                                                                                                |
|                                      | Flood                                    | Youth Innovation Lab                                                       | Nepal Red Cross Society; Red Cross Red Crescent Climate Centre                                  | Nepal Red Cross Society; Red Cross Red Crescent Climate Centre; UK Met Office     | Local government; NDRRMA                                                                                                                                                                                                            |                                                                                                                                                                                                |
|                                      | Heat wave                                | Save the Children Nepal                                                    | Save the Children International (Humanitarian Fund)                                             | Save the Children Nepal                                                           | DHM; local emergency operation centres                                                                                                                                                                                              |                                                                                                                                                                                                |
|                                      | Heat wave                                |                                                                            | American Red Cross; British Red Cross; Finnish Red Cross; Red Cross Red Crescent Climate Centre | Nepal Red Cross Society                                                           |                                                                                                                                                                                                                                     |                                                                                                                                                                                                |
|                                      | Landslide/mudslide                       | Save the Children Nepal                                                    | Save the Children International (Humanitarian Fund)                                             | Save the Children Nepal                                                           | DHM; local emergency operation centre; school management committee                                                                                                                                                                  |                                                                                                                                                                                                |
|                                      | Multi-hazard                             | American Red Cross; British Red Cross; Finnish Red Cross                   | Danish Red Cross; Finnish Red Cross; IFRC                                                       | Local authorities; Nepal Red Cross Society                                        | DHM; NDRRMA                                                                                                                                                                                                                         | Hazards: flash flood; flood; heat wave.                                                                                                                                                        |
|                                      | Multi-hazard                             | CARE Nepal                                                                 | Organizational funding                                                                          | BEE Group; KMJS Nepal; NFGF                                                       | Local government                                                                                                                                                                                                                    | Hazards: cold wave; heat wave.                                                                                                                                                                 |
| Nigeria                              | Riverine flood                           | Municipalities of Beldandi, Bhimdatta and Parsuram                         | MACP                                                                                            | NEEDS; Oxfam in Nepal                                                             | Ministry of Energy, Water Resources and Irrigation (DHM); municipalities of Beldandi, Bhimdatta and Parsuram                                                                                                                        |                                                                                                                                                                                                |
|                                      | Drought/dry spell                        | CRUDAN; Oxfam; WHH                                                         | GFFO                                                                                            | CRUDAN; Oxfam Germany; Oxfam Nigeria                                              | Katsina State Emergency Management Agency; Katsina State Ministry of Budget & Planning; Katsina State Ministry of Environment; Katsina State Ministry of Water Resources; Ministry of Local Government and Chieftaincy Title; NiMet | WAHAFA project.                                                                                                                                                                                |
|                                      | Flood                                    | WFP                                                                        | WFP Trust Fund                                                                                  | WFP                                                                               | Government of Nigeria                                                                                                                                                                                                               |                                                                                                                                                                                                |
|                                      | Riverine flood                           | FAO                                                                        | FAO                                                                                             |                                                                                   | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                                                                                   |                                                                                                                                                                                                |

| Country                   | Hazard                                    | Coordinating organization(s)                    | Funding organization(s)           | Implementing organization(s)                                                           | Government organization(s)                                                                                                                                                                                                                                                                               | Notes                                               |
|---------------------------|-------------------------------------------|-------------------------------------------------|-----------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| <b>Nigeria</b>            | Riverine flood                            | CRUDAN; Oxfam; WHH                              | GFFO                              | CRUDAN; Oxfam Germany; Oxfam Nigeria                                                   | Adamawa State Emergency Management Agency; Adamawa State Ministry of Agriculture; Adamawa State Ministry of Budget & Economic Planning; Adamawa State Ministry of Environment; Adamawa State Ministry of Local Government and Chieftaincy Title; Adamawa State Ministry of Water Resources; NIHSA; NiMet | WAHAFA project.                                     |
| <b>Pakistan</b>           | Cyclone/hurricane/tropical storm/typhoon  | CEVSI Pakistan                                  | Donor funding                     | ACF                                                                                    | Local government; PMD                                                                                                                                                                                                                                                                                    |                                                     |
|                           | Flood                                     | CEVSI Pakistan                                  | Donor funding                     |                                                                                        | District Disaster Management Authority Mirpurkhas; Drainage Department Mirpurkhas; PMD Karachi; Provincial Disaster Management Authority Sindh                                                                                                                                                           |                                                     |
|                           | Flood                                     | WFP                                             | ECHO; GCF; organizational funding | FAO; Pakistan Red Crescent Society; WFP                                                | Irrigation Department; NDMA; PMD; Provincial Disaster Management Authority                                                                                                                                                                                                                               |                                                     |
|                           | Livestock pests and diseases              | Save the Children Pakistan                      | Save the Children International   | Save the Children Pakistan                                                             | Ministry of Disaster Management                                                                                                                                                                                                                                                                          | Developed from the national framework.              |
| <b>Panama</b>             | Multi-hazard                              | WHH                                             | WHH                               | WHH                                                                                    | NDMA                                                                                                                                                                                                                                                                                                     | Hazards: drought; flood; heat wave.                 |
|                           | Drought/dry spell                         |                                                 |                                   | Red Cross Society of Panama                                                            |                                                                                                                                                                                                                                                                                                          |                                                     |
| <b>Papua New Guinea</b>   | Population movement                       |                                                 |                                   | Red Cross Society of Panama                                                            |                                                                                                                                                                                                                                                                                                          |                                                     |
|                           | Drought/dry spell                         | FAO                                             | FAO                               | FAO; Ministry of Agriculture and Livestock                                             | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                                                                                                                                                        |                                                     |
| <b>Paraguay</b>           | Flash flood                               | Save the Children Australia; CARE; World Vision | AHP                               | Save the Children Papua New Guinea                                                     |                                                                                                                                                                                                                                                                                                          | The framework will use local early-warning systems. |
|                           | Drought/dry spell                         |                                                 |                                   | Paraguayan Red Cross                                                                   |                                                                                                                                                                                                                                                                                                          |                                                     |
| <b>Peru</b>               | Flood                                     | WFP                                             | WFP Trust Fund                    | WFP                                                                                    | Government of Peru                                                                                                                                                                                                                                                                                       |                                                     |
| <b>Philippines</b>        | Conflict and violence/ electoral violence | ACF                                             | Donor funding                     | IMAN                                                                                   | LGUs                                                                                                                                                                                                                                                                                                     |                                                     |
|                           | Conflict and violence/ electoral violence | COM; Oxfam Pilipinas; PDRRN                     | ECHO                              | COM; Oxfam Pilipinas; PDRRN                                                            | BARMM MSSD; BARMM READI                                                                                                                                                                                                                                                                                  | Funded under the SUPREME BARMM project.             |
|                           | Cyclone/hurricane/tropical storm/typhoon  | CRS                                             | Internal funding; private donor   | CRS                                                                                    | Barangay LGUs (Bacak, Balognonan, Sagurong, San Ramon, Toytoy); provincial LGUs; municipal LGUs; regional technical agencies, including PAGASA                                                                                                                                                           |                                                     |
|                           | Disease outbreak/epidemic                 | Oxfam                                           | Oxfam                             | COM; Oxfam Pilipinas; PDRRN                                                            | BARMM MOH; BARMM READI; Department of Health                                                                                                                                                                                                                                                             |                                                     |
|                           | Drought/dry spell                         | ACF                                             | Donor funding                     | ACCORD; CARE; HI; local NGOs; Oxfam; Plan International; Save the Children Philippines | Municipal DRM and DRR offices                                                                                                                                                                                                                                                                            |                                                     |
|                           | Drought/dry spell                         |                                                 |                                   | Philippine Red Cross                                                                   |                                                                                                                                                                                                                                                                                                          |                                                     |
|                           | Flood                                     | CRS                                             | Donor funding                     | International NGOs                                                                     | LGUs; DRR and DRM offices                                                                                                                                                                                                                                                                                |                                                     |
| <b>Portugal</b>           | Multi-hazard                              | ECOWEB Inc.                                     | Philanthropic funding             | CLEARNet; CSOs                                                                         | LGUs                                                                                                                                                                                                                                                                                                     | Communities determine the hazard to be anticipated. |
|                           | Heat wave                                 |                                                 | Takeda                            | Portuguese Red Cross                                                                   |                                                                                                                                                                                                                                                                                                          |                                                     |
| <b>Russian Federation</b> | Flood                                     |                                                 |                                   | Russian Red Cross                                                                      |                                                                                                                                                                                                                                                                                                          |                                                     |
| <b>Rwanda</b>             | Riverine flood                            |                                                 | Italian government                | Rwanda Red Cross                                                                       |                                                                                                                                                                                                                                                                                                          |                                                     |
|                           | tbd                                       | FAO                                             | FAO                               |                                                                                        | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                                                                                                                                                        |                                                     |
| <b>Serbia</b>             | tbd                                       |                                                 |                                   | Red Cross of Serbia                                                                    |                                                                                                                                                                                                                                                                                                          |                                                     |
| <b>Sierra Leone</b>       | Riverine flood                            |                                                 |                                   | Sierra Leone Red Cross Society                                                         |                                                                                                                                                                                                                                                                                                          |                                                     |
| <b>Slovakia</b>           | Flood                                     |                                                 | Horizon/Medusa project            | Slovak Red Cross                                                                       |                                                                                                                                                                                                                                                                                                          |                                                     |
| <b>Somalia</b>            | Drought/dry spell                         | Education Cluster                               | Education Cannot Wait             | Norwegian Refugee Council                                                              |                                                                                                                                                                                                                                                                                                          |                                                     |

| Country      | Hazard                    | Coordinating organization(s)                                                                                                                                                                                                                                                      | Funding organization(s)           | Implementing organization(s)                                                                                                                        | Government organization(s)                                                                                                                                                                          | Notes                                                                                                       |
|--------------|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Somalia      | Drought/dry spell         | FAO                                                                                                                                                                                                                                                                               | FAO                               |                                                                                                                                                     | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                                                   |                                                                                                             |
|              | Drought/dry spell         | WHH                                                                                                                                                                                                                                                                               | GFFO                              | CARE Germany; CARE Somalia; Shaqodoon                                                                                                               | NADFOR                                                                                                                                                                                              | WAHAFA project.                                                                                             |
|              | Flood                     | Education Cluster                                                                                                                                                                                                                                                                 | Education Cannot Wait             | Norwegian Refugee Council                                                                                                                           |                                                                                                                                                                                                     |                                                                                                             |
| South Sudan  | Riverine flood            | FAO                                                                                                                                                                                                                                                                               | FAO                               |                                                                                                                                                     | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                                                   |                                                                                                             |
|              | Drought/dry spell         | WFP                                                                                                                                                                                                                                                                               | WFP Trust Fund                    | WFP                                                                                                                                                 | Government of South Sudan                                                                                                                                                                           |                                                                                                             |
|              | Riverine flood            | WHH                                                                                                                                                                                                                                                                               | GFFO                              | HARD; HRSS; WHH South Sudan                                                                                                                         | Ministry of Humanitarian Affairs and Disaster Management; South Sudan Meteorological Services                                                                                                       | WAHAFA project.                                                                                             |
| Spain        | Disease outbreak/epidemic |                                                                                                                                                                                                                                                                                   | ID Alert                          | Spanish Red Cross                                                                                                                                   |                                                                                                                                                                                                     |                                                                                                             |
| Sri Lanka    | Economic crisis           |                                                                                                                                                                                                                                                                                   |                                   | Sri Lanka Red Cross Society                                                                                                                         |                                                                                                                                                                                                     |                                                                                                             |
|              | Flash flood               | FAO                                                                                                                                                                                                                                                                               | FAO                               |                                                                                                                                                     | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                                                   |                                                                                                             |
|              | Flood                     | Save the Children                                                                                                                                                                                                                                                                 | Organizational funding            |                                                                                                                                                     |                                                                                                                                                                                                     |                                                                                                             |
|              | Flood                     | WVI                                                                                                                                                                                                                                                                               |                                   |                                                                                                                                                     |                                                                                                                                                                                                     |                                                                                                             |
|              | Flood                     |                                                                                                                                                                                                                                                                                   |                                   | Sri Lanka Red Cross Society                                                                                                                         |                                                                                                                                                                                                     |                                                                                                             |
|              | Riverine flood            | Technical Advisory Committee (Department of Irrigation; Gampaha District Disaster Management Coordination Unit; Gampaha District Secretariat; Jaela and Wattala divisional secretariats; local authorities and other government agencies; World Vision Lanka); World Vision Lanka | World Vision Lanka                | Gampaha District Secretariat; Gampaha District Disaster Management Coordination Unit; Jaela and Wattala divisional secretariats; World Vision Lanka | Department of Irrigation; Gampaha District Secretariat; Gampaha District Disaster Management Coordination Unit; Jaela and Wattala divisional secretariats; National Disaster Relief Services Centre | 'Enhancing disaster preparedness in urban contexts' project, supported by ADH through World Vision Germany. |
| Sweden       | Heat wave                 |                                                                                                                                                                                                                                                                                   | Horizon/Medusa project            | Swedish Red Cross                                                                                                                                   |                                                                                                                                                                                                     |                                                                                                             |
| Tajikistan   | Drought/dry spell         |                                                                                                                                                                                                                                                                                   |                                   | Red Crescent Society of Tajikistan                                                                                                                  |                                                                                                                                                                                                     |                                                                                                             |
|              | Flood                     |                                                                                                                                                                                                                                                                                   |                                   | Red Crescent Society of Tajikistan                                                                                                                  |                                                                                                                                                                                                     |                                                                                                             |
|              | Landslide/mudslide        | ACTED                                                                                                                                                                                                                                                                             | Start Network                     | ACTED                                                                                                                                               |                                                                                                                                                                                                     | Including Kurdistan.                                                                                        |
|              | tbd                       |                                                                                                                                                                                                                                                                                   | ECHO-PPP (some funding available) | Red Crescent Society of Tajikistan                                                                                                                  |                                                                                                                                                                                                     |                                                                                                             |
|              | tbd                       |                                                                                                                                                                                                                                                                                   |                                   | Red Crescent Society of Tajikistan                                                                                                                  |                                                                                                                                                                                                     |                                                                                                             |
| Tanzania     | Drought/dry spell         | WFP                                                                                                                                                                                                                                                                               | WFP Trust Fund                    | WFP                                                                                                                                                 | Government of Tanzania                                                                                                                                                                              |                                                                                                             |
| Timor-Leste  | Flood                     | Caritas Australia                                                                                                                                                                                                                                                                 | AHP Consortium                    | Faith-based organizations (adventist, diocesan and protestant churches); local leaders                                                              | Civil Protection Authority; local government                                                                                                                                                        |                                                                                                             |
|              | Flood                     | Oxfam                                                                                                                                                                                                                                                                             | AHP Consortium; DFAT              |                                                                                                                                                     |                                                                                                                                                                                                     |                                                                                                             |
|              | Flood                     | Plan International                                                                                                                                                                                                                                                                | Donor funding                     | Childfund Timor Leste; MAHARU Foundation                                                                                                            |                                                                                                                                                                                                     |                                                                                                             |
|              | Flood                     | WVI                                                                                                                                                                                                                                                                               |                                   |                                                                                                                                                     |                                                                                                                                                                                                     |                                                                                                             |
| Togo         | Riverine flood            |                                                                                                                                                                                                                                                                                   |                                   | Togolese Red Cross                                                                                                                                  |                                                                                                                                                                                                     |                                                                                                             |
| Turkmenistan | Heat wave                 |                                                                                                                                                                                                                                                                                   | USAID/BHA                         | Red Crescent Society of Turkmenistan                                                                                                                |                                                                                                                                                                                                     |                                                                                                             |
| Uganda       | Drought/dry spell         | WFP                                                                                                                                                                                                                                                                               | WFP Trust Fund                    | WFP                                                                                                                                                 | Government of Uganda                                                                                                                                                                                |                                                                                                             |
|              | Multi-hazard              | CRS                                                                                                                                                                                                                                                                               | Internal funding; private donor   | Caritas Tororo; CRS; Village Disaster Management Committee                                                                                          | District Local Government; Subcounty Disaster Management Committee; Uganda National Meteorological Authority                                                                                        | Hazards: floods; landslide.                                                                                 |

| Country    | Hazard                                   | Coordinating organization(s) | Funding organization(s)         | Implementing organization(s)                                                                                                                                                                                                                                 | Government organization(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Notes                                                                                        |
|------------|------------------------------------------|------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| Uganda     | Livestock pests and diseases             | FAO                          | FAO                             | FAO                                                                                                                                                                                                                                                          | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Hazard: fall armyworm.                                                                       |
|            | Livestock pests and diseases             | FAO                          | FAO                             | FAO                                                                                                                                                                                                                                                          | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Hazard: tick and tick-borne diseases.                                                        |
|            | Riverine flood                           | FAO; WFP                     | FAO                             | WFP                                                                                                                                                                                                                                                          | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                              |
| Uzbekistan | Heat wave                                |                              | USAID/BHA                       | Red Crescent Society of Uzbekistan                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                              |
| Vanuatu    | Cyclone/hurricane/tropical storm/typhoon |                              |                                 | Vanuatu Red Cross Society                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                              |
| Venezuela  | Drought/dry spell                        | FAO                          | FAO                             |                                                                                                                                                                                                                                                              | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                              |
|            | Riverine flood                           | FAO                          | FAO                             |                                                                                                                                                                                                                                                              | Civil protection agencies; meteorological agencies; Ministry of Agriculture; NDMA                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                              |
| Viet Nam   | Cyclone/hurricane/tropical storm/typhoon | CRS                          | Organizational funding          |                                                                                                                                                                                                                                                              | National Centre for Hydro-Meteorological Forecasting; Natural Disaster Prevention and Control                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                              |
|            | Cyclone/hurricane/tropical storm/typhoon |                              |                                 | Vietnam Red Cross Society                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Hazard: cyclones and cyclone-induced floods.                                                 |
|            | Flood                                    | CRS                          | Organizational funding          |                                                                                                                                                                                                                                                              | National Centre for Hydro-Meteorological Forecasting; Natural Disaster Prevention and Control                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                              |
|            | Flood                                    | Vietnam Red Cross Society    | IFRC                            | German Red Cross                                                                                                                                                                                                                                             | Local government                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                              |
| Zambia     | Drought/dry spell                        | WFP                          | WFP Trust Fund                  | WFP                                                                                                                                                                                                                                                          | Government of Zambia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                              |
|            | Flood                                    | CRS                          | Internal funding; private donor | CRS; Disaster Management and Mitigation Unit; district disaster management committees (Chilanga; Chirundu); National Anticipatory Action Working Group; satellite disaster management committees (Chilanga; Chirundu); Village Disaster Management Committee |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Hazards: flash flood; riverine flood.                                                        |
| Zimbabwe   | Disease outbreak/epidemic                | Finnish Red Cross            | ECHO                            | Zimbabwe Red Cross Society                                                                                                                                                                                                                                   | City of Harare; Ministry of Health and Child Care                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                              |
|            | Drought/dry spell                        | ACF                          | WHH                             | NAZ                                                                                                                                                                                                                                                          | District authorities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Three localized protocols under development for three districts (Chiredzi, Kariba, Mwenezi). |
|            | Drought/dry spell                        | WHH                          | GFFO                            | ACF; NAZ                                                                                                                                                                                                                                                     | Local government (district development coordinator); Meteorological Services Department                                                                                                                                                                                                                                                                                                                                                                                                                                                  | WAHAFA project.                                                                              |
|            | Drought/dry spell                        | WHH                          | GFFO                            | Caritas Zimbabwe; World Vision Germany; World Vision Zimbabwe                                                                                                                                                                                                | Ministry for Environment and Climate Change                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | WAHAFA project.                                                                              |
|            | Drought/dry spell                        | WHH                          | GFFO                            | FCTZ; MMT; WHH                                                                                                                                                                                                                                               | Agritex; Department of Civil Protection; Department of Social Development; District Development Coordinator Office; district livestock trusts; Division of Veterinary Services; Ministry of Health and Child Care; Ministry of Women Affairs, Community, Small and Medium Enterprises Development; National Meteorological Services Department; Office of the President and Cabinet; Provincial Meteorological Services Department; Rural District Council; Rural Infrastructure Development Agency; Zimbabwe Republic Police; Zim Parks | WAHAFA project.                                                                              |
|            | Flood                                    | ACF                          | WHH                             | NAZ                                                                                                                                                                                                                                                          | District authorities                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Three localized protocols under development for three districts (Chiredzi, Kariba, Mwenezi). |
|            | Flood                                    | WFP                          | WFP Trust Fund                  | WFP                                                                                                                                                                                                                                                          | Government of Zimbabwe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                              |

| Country  | Hazard         | Coordinating organization(s) | Funding organization(s) | Implementing organization(s)                                  | Government organization(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Notes                          |
|----------|----------------|------------------------------|-------------------------|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Zimbabwe | Multi-hazard   | World Vision Zimbabwe        | WHH                     | Caritas Zimbabwe                                              | Department of Civil Protection; Meteorological Services Department; Ministry Of Agriculture; Zimbabwe Water Authority                                                                                                                                                                                                                                                                                                                                                                                                                    | Hazards: drought; flash flood. |
|          | Riverine flood | WHH                          | GFFO                    | ACF; NAZ                                                      | Local government (district development coordinator); Meteorological Services Department                                                                                                                                                                                                                                                                                                                                                                                                                                                  | WAHAFA project.                |
|          | Riverine flood | WHH                          | GFFO                    | Caritas Zimbabwe; World Vision Germany; World Vision Zimbabwe | Ministry for Environment and Climate Change                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | WAHAFA project.                |
|          | Riverine flood | WHH                          | GFFO                    | FCTZ; MMT; WHH                                                | Agritex; Department of Civil Protection; Department of Social Development; District Development Coordinator Office; district livestock trusts; Division of Veterinary Services; Ministry of Health and Child Care; Ministry of Women Affairs, Community, Small and Medium Enterprises Development; National Meteorological Services Department; Office of the President and Cabinet; Provincial Meteorological Services Department; Rural District Council; Rural Infrastructure Development Agency; Zimbabwe Republic Police; Zim Parks | WAHAFA project.                |

## Additional acronyms and abbreviations used in Tables A1, A2 and A3

## A

|                 |                                                                                                |
|-----------------|------------------------------------------------------------------------------------------------|
| <b>ACCORD</b>   | Association for Community Cooperation & Rural Development                                      |
| <b>ACOMV</b>    | Anglican Church of Melanesia – Vanuatu                                                         |
| <b>ACTED</b>    | Agency for Technical Cooperation and Development                                               |
| <b>ADH</b>      | Aktion Deutschland Hilft                                                                       |
| <b>ADISA</b>    | La Asociación de Padres y Amigos de personas con discapacidad de Santiago Atitlán              |
| <b>ADRA</b>     | Adventist Development and Relief Agency                                                        |
| <b>AGAHE</b>    | Association for Gender Awareness and Human Empowerment                                         |
| <b>AGRHYMET</b> | a specialized institute of the Permanent Interstate Committee for Drought Control in the Sahel |
| <b>AHF</b>      | Afghanistan Humanitarian Fund                                                                  |
| <b>ANAM</b>     | Agence Nationale de la Météorologie                                                            |
| <b>ANCP</b>     | Australian NGO Cooperation Program                                                             |
| <b>ANDMA</b>    | Afghanistan National Disaster Management Agency                                                |
| <b>ASECSA</b>   | Asociación de Servicios Comunitarios de Salud                                                  |
| <b>ASEDE</b>    | Asociación para la Educación y el Desarrollo                                                   |
| <b>ASEDECHI</b> | Asociación de Servicios y Desarrollo Socioeconómico de Chiquimula                              |
| <b>ASEP</b>     | Action for Social and Economic Progress                                                        |
| <b>ASOS</b>     | Action Socio Sanitaire Organisation Secours                                                    |
| <b>ATAD</b>     | Alliance Technique d'Assistance au Développement                                               |
| <b>ATECA</b>    | Community Early Action in Central America                                                      |
| <b>AVAS</b>     | Association of Voluntary Actions for Society                                                   |
| <b>AYUUB</b>    | a Somali NGO                                                                                   |

## B

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| <b>BARMM MILG</b>  | Bangsamoro Autonomous in Muslim Mindanao Ministry of Interior and Local Governments   |
| <b>BARMM MOH</b>   | Bangsamoro Autonomous in Muslim Mindanao Ministry of Health                           |
| <b>BARMM MSSD</b>  | Bangsamoro Autonomous in Muslim Mindanao Ministry of Social Services and Development  |
| <b>BARMM READI</b> | Bangsamoro Autonomous in Muslim Mindanao Rapid Emergency Action on Disaster Incidence |
| <b>BEE Group</b>   | a Nepali NGO                                                                          |
| <b>BHA</b>         | Bureau for Humanitarian Assistance                                                    |
| <b>BIFANO</b>      | Binibu Faef Nome                                                                      |
| <b>BMKG</b>        | Badan Meteorologi, Klimatologi, dan Geofisika                                         |
| <b>BNGRC</b>       | Bureau National de Gestion des Risques et des Catastrophes                            |
| <b>BNPB</b>        | Badan Nasional Penanggulangan Bencana                                                 |
| <b>BPBD</b>        | Badan Penanggulangan Bencana Daerah                                                   |
| <b>BPKA</b>        | Badan Pengelola Keuangan Dan Aset                                                     |
| <b>BSDSB</b>       | Bright Star Development Society Balochistan                                           |

## C

|               |                                                              |
|---------------|--------------------------------------------------------------|
| <b>CaCH</b>   | Caritas Switzerland                                          |
| <b>CADENA</b> | a Jewish non-profit organization, originally based in Mexico |
| <b>CAFOD</b>  | Catholic Agency for Overseas Development                     |
| <b>CANDO</b>  | Church Agency Network – Disaster Operation                   |
| <b>CARD</b>   | Church Action in Relief and Development                      |

|                  |                                                                                                           |
|------------------|-----------------------------------------------------------------------------------------------------------|
| <b>CARE</b>      | Cooperative for Assistance and Relief Everywhere; formerly Cooperative for American Remittances to Europe |
| <b>CDF</b>       | Community Development Foundation                                                                          |
| <b>CESVI</b>     | Cooperazione e Sviluppo                                                                                   |
| <b>CHF</b>       | Swiss franc                                                                                               |
| <b>CIS</b>       | Centre for Indonesia Studies                                                                              |
| <b>CIS Timor</b> | Circle of Imagine Society Timor                                                                           |
| <b>CISP</b>      | International Committee for the Development of Peoples                                                    |
| <b>CLEARNet</b>  | Community-led Empowering Actions for Resilience Network                                                   |
| <b>CNRS</b>      | Center for Natural Resource Studies                                                                       |
| <b>COCODE</b>    | Consejos Comunitarios de Desarrollo                                                                       |
| <b>CODESUR</b>   | Conseil Départemental de Secours d'Urgence et de Réhabilitation                                           |
| <b>COLRED</b>    | Coordinadora Local para la Reducción de Riesgos de Desastres                                              |
| <b>COM</b>       | Community Organizers Multiversity                                                                         |
| <b>COMRED</b>    | Coordinadora Municipal para la Reducción de Desastres                                                     |
| <b>CONADI</b>    | Consejo Nacional para la Atención de las Personas con Discapacidad                                        |
| <b>CONASUR</b>   | Conseil National de Secours d'Urgence et de Réhabilitation                                                |
| <b>CONRED</b>    | Comité Nacional para la Reducción de Desastres                                                            |
| <b>CORDES</b>    | Asociación Fundación para la Cooperación y el Desarrollo Comunal de El Salvador                           |
| <b>CORESUR</b>   | Conseil Régional de Secours d'Urgence et de Réhabilitation                                                |
| <b>CPD</b>       | Centre for Peace and Democracy                                                                            |
| <b>CRUDAN</b>    | Christian Rural and Urban Development Association of Nigeria                                              |
| <b>CSO</b>       | civil society organization                                                                                |
| <b>CUAMM</b>     | Doctors with Africa CUAMM (formerly University College for Aspiring Missionary Doctors)                   |
| <b>CUC</b>       | Comité de Unidad Campesina                                                                                |
| <b>CW</b>        | Concern Worldwide                                                                                         |

## D

|                 |                                                                                |
|-----------------|--------------------------------------------------------------------------------|
| <b>DAM</b>      | Dhaka Ahsania Mission                                                          |
| <b>DFAT</b>     | Department of Foreign Affairs and Trade (Australia)                            |
| <b>DGD</b>      | Directorate-General for Development Cooperation and Humanitarian Aid (Belgium) |
| <b>DGM</b>      | Direction Générale de la Météorologie                                          |
| <b>DGOA</b>     | Dirección General del Observatorio de Amenazas                                 |
| <b>DG ECHO</b>  | Directorate-General for ECHO                                                   |
| <b>DHM</b>      | Department of Hydrology and Meteorology                                        |
| <b>DIY</b>      | Daerah Istimewa Yogyakarta                                                     |
| <b>DNPGCA</b>   | Dispositif National de Prévention et de Gestion des Crises Alimentaires        |
| <b>DPUPESDM</b> | Dinas Pekerjaan Umum Perumahan dan Energi Sumber Daya Mineral                  |
| <b>DRM</b>      | disaster risk management                                                       |
| <b>DRR</b>      | disaster risk reduction                                                        |
| <b>DRRM</b>     | disaster risk reduction and management                                         |
| <b>DSDW</b>     | Department of Social Welfare and Development                                   |

## E

|                 |                                                         |
|-----------------|---------------------------------------------------------|
| <b>EARO</b>     | East Africa Regional Office                             |
| <b>ECC-SDC</b>  | Ethiopian Catholic Church Social Development Commission |
| <b>ECHO-PPP</b> | ECHO Pilot Programmatic Partnership                     |
| <b>ECOWEB</b>   | Ecosystems Work for Essential Benefits                  |

|              |                                              |
|--------------|----------------------------------------------|
| <b>EDMRC</b> | Ethiopia Disaster Risk Management Commission |
| <b>EMI</b>   | Ethiopian Meteorological Institute           |
| <b>ERDP</b>  | Ethiopian Relief and Development Programme   |

## F

|                |                                                   |
|----------------|---------------------------------------------------|
| <b>FCDO</b>    | Foreign, Commonwealth and Development Office (UK) |
| <b>FDO</b>     | Farmers Development Organisation                  |
| <b>FFWC</b>    | Flood Forecasting and Warning Centre              |
| <b>FIDO</b>    | Fayyaa Integrated Development Organization        |
| <b>FMS</b>     | Fiji Meteorological Service                       |
| <b>FORUMCC</b> | Forum on Climate Change Tanzania                  |
| <b>FRDP</b>    | Fast Rural Development Program                    |

## G

|                |                                         |
|----------------|-----------------------------------------|
| <b>GCF</b>     | Green Climate Fund                      |
| <b>G-FORCE</b> | Groupe de Formation Consultation Études |
| <b>GloFAS</b>  | Global Flood Awareness System           |
| <b>GOAL</b>    | an Irish humanitarian response agency   |
| <b>GRRN</b>    | Golweyne Relief and Rehabilitation NGO  |

## H

|                       |                                        |
|-----------------------|----------------------------------------|
| <b>HANDS</b>          | Health & Nutrition Development Society |
| <b>HARD</b>           | Hope Agency for Relief and Development |
| <b>HH</b>             | household                              |
| <b>HI</b>             | Humanity & Inclusion                   |
| <b>HML Foundation</b> | Hau'oli Mau Loa Foundation             |
| <b>HQ</b>             | headquarters                           |
| <b>HRSS</b>           | Hope Restoration South Sudan           |

## I

|                  |                                                                           |
|------------------|---------------------------------------------------------------------------|
| <b>IADOR</b>     | Inclusive Anticipatory Disease Outbreak Response for Super Typhoon Carina |
| <b>IBU</b>       | unknown                                                                   |
| <b>ID Alert</b>  | a Horizon Europe project                                                  |
| <b>IDEA</b>      | Initiative for Development & Empowerment Axis                             |
| <b>IDEP</b>      | Indonesia Education for Permaculture Foundation                           |
| <b>IDRC</b>      | International Development Research Centre                                 |
| <b>IEC</b>       | information, education and communication                                  |
| <b>IMAN</b>      | Islamic Medical Association of the Philippines                            |
| <b>IMC</b>       | International Medical Corps                                               |
| <b>IMGR</b>      | Instancia Municipal de Gestión de Riesgos                                 |
| <b>IMHEN</b>     | Institute of Meteorology, Hydrology and Environment                       |
| <b>INAM</b>      | Instituto Nacional de Meteorología                                        |
| <b>INSIVUMEH</b> | Instituto Nacional de Sismología, Vulcanología, Meteorología e Hidrología |

## J

|                       |                                              |
|-----------------------|----------------------------------------------|
| <b>JBA Consulting</b> | an environmental and engineering consultancy |
|-----------------------|----------------------------------------------|

|                   |                                                                              |
|-------------------|------------------------------------------------------------------------------|
| <b>K</b>          |                                                                              |
| <b>KMD</b>        | Kenya Meteorological Department                                              |
| <b>KMJS Nepal</b> | Kamaiya Mahila Jagaran Samaj Nepal                                           |
| <b>KONSEPSI</b>   | Konsorsium Untuk Studi dan Pengembangan Partisipasi                          |
| <b>L</b>          |                                                                              |
| <b>LDRRMC</b>     | local disaster risk reduction and management council                         |
| <b>LGU</b>        | local government unit                                                        |
| <b>LHDP</b>       | Laar Humanitarian and Development Programme                                  |
| <b>LI-BIRD</b>    | Local Initiatives for Biodiversity, Research, and Development                |
| <b>M</b>          |                                                                              |
| <b>MACP</b>       | Margaret A. Cargill Philanthropies                                           |
| <b>MAFF</b>       | Ministry of Agriculture, Forestry and Fisheries                              |
| <b>MAHARU</b>     | a foundation in Timor-Leste                                                  |
| <b>MARDO</b>      | Mandhere Relief and Development Organization                                 |
| <b>MCMDO</b>      | Mothers and Children Multisectoral Development Organization                  |
| <b>MDRRMC</b>     | municipal disaster risk reduction and management council                     |
| <b>MDRRMO</b>     | municipal disaster risk reduction and management office                      |
| <b>MJSKS</b>      | Mahideb Jubo Somaj Kallayan Somity                                           |
| <b>MMS</b>        | Manab Mukti Sangstha                                                         |
| <b>MMT</b>        | Mvuramanzi Trust                                                             |
| <b>N</b>          |                                                                              |
| <b>NADFOR</b>     | Somaliland National Disaster Preparedness and Food Reserve Authority         |
| <b>NARC</b>       | Nepal Agricultural Research Council                                          |
| <b>NAZ</b>        | Nutrition Action Zimbabwe                                                    |
| <b>NCDM</b>       | National Committee for Disaster Management                                   |
| <b>NDM</b>        | National Directorate for Meteorology                                         |
| <b>NDMA</b>       | National Disaster Management Authority                                       |
| <b>NDP</b>        | National Development Programme                                               |
| <b>NDRRMC</b>     | National Disaster Risk Reduction and Management Council                      |
| <b>NEEDS</b>      | Nepal Energy and Environment Development Services                            |
| <b>NFDMC</b>      | New Future Disaster Management Center                                        |
| <b>NFGF</b>       | National Farmers Group Federation                                            |
| <b>NIDA</b>       | National Integrated Development Association                                  |
| <b>NIHSA</b>      | Nigeria Hydrological Services Agency                                         |
| <b>NiMet</b>      | Nigerian Meteorological Agency                                               |
| <b>NIRAPAD</b>    | Network for Information, Response, And Preparedness Activities on Disaster   |
| <b>NWO</b>        | New Ways Organization                                                        |
| <b>O</b>          |                                                                              |
| <b>ORAP</b>       | Organisation of Rural Associations for Progress                              |
| <b>OWS-DF</b>     | OWS Development Fund                                                         |
| <b>P</b>          |                                                                              |
| <b>PACIDA</b>     | Pastoralist Community Initiative and Development Assistance                  |
| <b>PAGASA</b>     | Philippine Atmospheric, Geophysical and Astronomical Services Administration |

|                   |                                                                                                                                                                           |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PARC</b>       | Agricultural Development Association                                                                                                                                      |
| <b>PCV</b>        | Presbyterian Church of Vanuatu                                                                                                                                            |
| <b>PDA</b>        | Peace and Development Action                                                                                                                                              |
| <b>PDRRN</b>      | People's Disaster Risk Reduction Network                                                                                                                                  |
| <b>PMD</b>        | Pakistan Meteorological Department                                                                                                                                        |
| <b>PNECHOL-MD</b> | Programme National d'Élimination du Choléra et de lutte contre les autres Maladies Diarrhéiques                                                                           |
| <b>PRDS</b>       | Participatory Rural Development Society                                                                                                                                   |
| <b>PVMBG</b>      | Pusat Vulkanologi & Mitigasi Bencana Geologi                                                                                                                              |
| <b>R</b>          |                                                                                                                                                                           |
| <b>RAISE</b>      | Raise for Development and Humanitarian Aid                                                                                                                                |
| <b>RCDS</b>       | Rural Community Development Society                                                                                                                                       |
| <b>RDF</b>        | Rural Development Foundation                                                                                                                                              |
| <b>RDRS</b>       | formerly known as the Rangpur Dinajpur Rural Service                                                                                                                      |
| <b>REEDS</b>      | Rural Education and Economic Development Society                                                                                                                          |
| <b>REPID</b>      | Rural Empowerment & Institutional Development                                                                                                                             |
| <b>RFL</b>        | restoring family links                                                                                                                                                    |
| <b>RIMES</b>      | Regional Integrated Multi-Hazard Early Warning System for Africa and Asia                                                                                                 |
| <b>S</b>          |                                                                                                                                                                           |
| <b>SADO</b>       | Social Life and Agricultural Development Organization                                                                                                                     |
| <b>SAF/FJKM</b>   | Sampan'asa Momba Ny Fampandrosoana                                                                                                                                        |
| <b>SCF</b>        | Subnational Climate Fund                                                                                                                                                  |
| <b>SCORE</b>      | Spiritans Community Outreach                                                                                                                                              |
| <b>SDAE</b>       | Serviço Distrital de Actividades Económicas                                                                                                                               |
| <b>SEA</b>        | Social Environmental Agency                                                                                                                                               |
| <b>SE-CONRED</b>  | Coordinadora Nacional para la Reducción de Desastre                                                                                                                       |
| <b>SEPPA</b>      | Sociedade Económica de Produtores e Processadores Agrários                                                                                                                |
| <b>SESAN</b>      | Secretaría de Seguridad Alimentaria y Nutricional                                                                                                                         |
| <b>SFERA</b>      | Special Fund for Emergency and Rehabilitation Activities                                                                                                                  |
| <b>SMKK</b>       | Sheba Manab Kallyan Kendra                                                                                                                                                |
| <b>SoDMA</b>      | Somali Disaster Management Agency                                                                                                                                         |
| <b>SRDI</b>       | Social Rural Development Initiative                                                                                                                                       |
| <b>STS</b>        | Serving Together For Social Development                                                                                                                                   |
| <b>SUPREME</b>    | Strengthening Resilience through Early Warning System, Enhanced Anticipatory Action, and Multi-risk Landscape Approach in Bangsamoro Autonomous Region in Muslim Mindanao |
| <b>BARMM</b>      |                                                                                                                                                                           |
| <b>SWRDO</b>      | Santani Women Rural Development Organization                                                                                                                              |
| <b>T</b>          |                                                                                                                                                                           |
| <b>tbc</b>        | to be confirmed                                                                                                                                                           |
| <b>TKF</b>        | Tameer-e-Khalaq                                                                                                                                                           |
| <b>U</b>          |                                                                                                                                                                           |
| <b>UK</b>         | United Kingdom                                                                                                                                                            |
| <b>UNCDF</b>      | United Nations Capital Development Fund                                                                                                                                   |
| <b>UNDP</b>       | United Nations Development Programme                                                                                                                                      |
| <b>UNRCO</b>      | United Nations Resident Coordinator Office                                                                                                                                |

|                  |                                                                                         |
|------------------|-----------------------------------------------------------------------------------------|
| <b>USAID/BHA</b> | United States Agency for International Development's Bureau for Humanitarian Assistance |
| <b>V</b>         |                                                                                         |
| <b>VCC</b>       | Vanuatu Christian Council                                                               |
| <b>VDDMA</b>     | Viet Nam Disaster and Dyke Management Authority                                         |
| <b>VSF</b>       | Vétérinaires sans Frontières                                                            |
| <b>W</b>         |                                                                                         |
| <b>WACRAD</b>    | Word Alive Commission for Relief and Development                                        |
| <b>WARDO</b>     | Wadajir Rural Development Organization                                                  |
| <b>WASDA</b>     | a Somali NGO                                                                            |
| <b>WRRS</b>      | Wamo Relief and Rehabilitation Services                                                 |

# Annex 3: Classification of the anticipatory actions listed in activations and frameworks

## Agriculture

### Agricultural equipment

- Distribute equipment
- Repair/rehabilitate equipment

### Agricultural inputs

- Fertilizer
- Mineral salts
- Vouchers for agricultural inputs

### Agricultural training

- Production techniques for semi-arid areas

### Community-run agriculture schemes

### Early harvesting

- Crops

### Improved varieties

### Irrigation equipment

- Repair or rehabilitate irrigation equipment
- Provide irrigation equipment

### Land preparation

### Market gardening

### Post-harvest management

- Airtight (hermetic) bags
- Grain storage and protection tools (e.g., barrels, containers, cans to protect food items)
- Post-harvest storage

### Promotion of agricultural practices

- Alternative crops (e.g., drought tolerant, early maturing)
- Crop diversification
- Drought-sensitive farming
- Good agricultural practices (general)
- Second-season crops

### Seed procurement and distribution

- Drought-resistant seeds
- Drought-tolerant seeds
- Seeds for the recovery of degraded land
- Short-cycle seeds
- Vouchers for seeds

### Vegetable production

- Provision of vegetative planting material (e.g., cuttings)
- Vegetable gardening

### Water harvesting for agriculture

- Rainwater harvesting for agriculture
- Rehabilitate storage tanks

- Rehabilitate wells for market gardens
- Rehabilitate wells for pastoral practices
- Soil moisture conservation
- Water harvesting on farmland

## Capacity building

### Capacity building

### Emergency operation centre (local level)

- Equipment for early warning teams
- Megaphones
- Personal protective equipment
- Phones

### Search and rescue

- Establish search and rescue clusters
- Pre-position search and rescue equipment

### Training (general/unspecified)

- Training for community-based early warning teams
- Training in disaster risk management

## Cash and voucher assistance

### Cash

- Conditional
- Multipurpose
- Unconditional

### Cash and voucher assistance

### Cash-for-work schemes

- Cash-for-training
- Cash-for-work to create firebreaks
- Money transfers to create/rehabilitate community water assets

## Conflict prevention

### Conflict negotiation

### Peace dialogues

## Cooling

### Air conditioners

### Cooling buses

### Cooling for residences

### Cooling shelters

### Fans

### Materials for children to keep them indoors

- Colouring books and pencils

## Sun cream

## Sun hats/caps

## Sun umbrellas

## Early warnings

### Accountability to the affected population

### Awareness-raising activities

- Dissemination and sensitization in schools
- Dissemination and sensitization to religious congregations
- Mass communication activities
- Radio campaigns
- Sensitization programmes
- Social media campaigns

### Communication and training in forecasts

### Communications services

### Community dialogues

### Early warning messages

### Forecast dissemination

- Medium-range forecasts
- Monitor and disseminate meteorological and agrometeorological information
- Long-range forecasts
- Short-range forecasts

### Risk information

- Information, education and communication (IEC) materials

### Telephone helplines

- Calls for information and assistance

## Economic activities

### Business relocation

### Livelihood-protection kits

### Temporary markets

- Construct temporary markets

## Evacuation

### Camp management

### Evacuation

- Evacuation of assets
- Evacuation of livestock
- Evacuation of people

### Improved conditions at evacuation sites

- Artificial light at community cyclone shelters at night

## Temporary shelters at evacuation sites (for livestock)

## Fire prevention

### Firebreaks

### Fireproof shelter kits

## Fisheries and aquaculture

### Early harvesting – aquaculture

### Fishing equipment

### Kits to strengthen fishing boats

## Flood prevention

### Canals

- Clear or dig canals

### Drainage ditches or trenches

- Clear or dig ditches or trenches

### Embankments

- Build or repair embankments

### Flood-diverging channels

### Flood-protection structures

- Construct and/or maintain physical structures around crops
- Construct and/or maintain physical structures around facilities
- Construct and/or maintain physical structures around homes
- Empty bags to build protective structures
- Sandbags
- Reinforce riverbanks

## Food and nutrition

### Alternative foods

### Dry food at cyclone shelters

- Distribute food

- Pre-position food

### Food-processing training

### Food provision

- Food assistance through commodity vouchers

### Food storage and preservation

- Distribute silos

### Nutrition supplies

- Corn-soya blend

- Distribute nutrition supplies
- Pre-position nutrition supplies

### Promote food saving

- Manage available food
- Preserve food
- Reduce waste

### School feeding programmes

## Health

### Ambulances for people referred to hospitals

### Awareness-raising for health measures

### Disease control

- Spraying

### Disease prevention

### Disease surveillance

### First aid

- First aid sensitization
- First aid training

### Health-protection kits

### Health training

### Medical supplies

- Distribute medical supplies
- Pre-position medical supplies
- Prestock medical supplies

### Mobile health units

### Mosquito nets

- Insecticide-treated mosquito nets

### Protective equipment

- Dust masks
- Protective glasses

### Psychosocial support

- For affected populations
- For volunteers

### Refer at-risk/affected people to hospitals

### Saline (for diarrhoea treatment)

### Support for health services

### Telephone health/wellness checks

### Vector control

## Heating and warming

### Blankets

### Heaters

- Electric oil heaters

### Heating centres

**Hot meals****Insulation**

- Thermal floor insulation
- Window insulation

**Warm clothes****Livestock****Animal care kits**

- Safeguard stock conditions (e.g., cash, feed, health kits)
- Warming bags for newborn livestock

**Animal feed (fodder)**

- Build up reserves of livestock feed
- Fodder preservation/packaging
- Fodder production
- Nutrient-enriched livestock feed
- Vouchers for livestock feed

**Animal health**

- Deworming
- Disease surveillance
- Distribute/supply pest treatment (e.g., acaricides)
- Provide animal health kits
- Risk-based vaccination
- Technical support for animal health
- Vaccinations
- Veterinary services

**Community-run livestock schemes****Destocking**

- Commercial destocking
- Promote/raise awareness of strategic destocking
- Slaughter destocking
- Temporary slaughterhouses

**Migration of livestock to other areas****Rangeland management**

- Advocacy on pasture management
- Expand/protect fallback grazing areas

**Shed construction**

- Construct warehouses for fodder/feed

**Short-cycle animals**

- Other (e.g., rabbits)
- Poultry
- Small ruminants (e.g., goats)

**Training in livestock care****Water for livestock**

- Provide safe and adequate water for livestock
- Rehabilitate communal dip tanks
- Water harvesting for livestock (e.g., rehabilitate wells, storage tanks)

**Non-food support****Boats**

- Pre-position boats for evacuation

**Cleaning materials**

- Cleaning materials for houses

**Fuel****Household items****Humanitarian assistance kits**

- Logistics and transportation of humanitarian assistance kits
- Pre-positioning of humanitarian assistance kits

**In-kind assistance****Isotonic drinks****Life jackets****Non-food items**

- Distribute non-food items
- Pre-position non-food items
- Procurement of non-food items

**Protective equipment****Tools to create assets****Protecting assets****Asset storage**

- Waterproof containers
- Waterproof drums for agricultural items

**Protection of personal items (e.g., documents)****Protection, gender and inclusion****Awareness-raising about protection, gender and inclusion****Disability-inclusive measures**

- Disability-inclusive early evacuation

**Identification and referral of people in need of protection****Measures to protect children and young people****Women- and children-friendly spaces****Shelter****Reinforce houses, schools or other infrastructure****Shelter kits****Shelter-strengthening kits****Temporary shelters****Tents****WASH****Boreholes**

- Create boreholes
- Rehabilitate boreholes

**Community water points****Desilt water infrastructure****Dignity kits****Drinking water**

- Bottled water
- Provide safe drinking water
- Temporary water points

**Hygiene kits****Hygiene training and awareness-raising**

- Participatory Hygiene and Sanitation Transformation
- Training on the safe use of water-treatment products
- Training on the safe water chain

**Latrines**

- Dig latrines
- Repair latrines

**WASH kits****Water harvesting**

- Promote water preservation and wise use
- Rainwater harvesting
- Training on water conservation
- Water budgeting
- Water quotas

**Water infrastructure**

- Build water infrastructure
- Map water sources
- Protect water sources and water supply
- Repair water infrastructure

**Water purification**

- Chemicals for water-quality analysis
- Distribute water-purification supplies/chemicals

- Household water-treatment kits

- Pre-position water-purification supplies/chemicals

- Procure water purifiers

**Water storage**

- Build or repair water tanks
- Procure water tanks
- Procure water tankers
- Water reservoirs

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The figures in this report, as well as the source data, can be downloaded from the Anticipation Hub website: [tinyurl.com/nhe2xuy2](https://tinyurl.com/nhe2xuy2)

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Data from some countries has been excluded at the request of organizations working there.

## Photos

*Cover photo:* Repairing roads and embankments under a cash-for-work intervention in Bangladesh. © Uttaran

*Sidebar (page 4):* Nel Madoda, an agricultural extension officer, demonstrates a urea-stover treatment for livestock in Mbire, Zimbabwe. © Tendai Marima/WHH

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