

Purwaanumaan Chautari – Ep. 2, Anticipating Heat Waves

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Start Fund Nepal - FOREWARN

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What is Start Fund
Nepal?

Start Fund and Start Fund Nepal (SFN)



START FUND: DEALING WITH UNDER-THE-RADAR CRISES

In 2014, Start Network created the Start Fund. It provides rapid financing to underfunded small to medium-scale crises, spikes in chronic humanitarian crises, and acts in anticipation of impending crises, filling a critical gap in humanitarian financing.

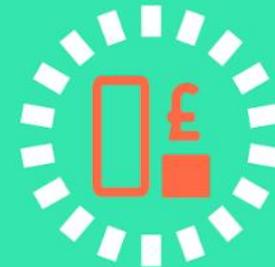
The global Start Fund has been a success. Start Network has since used this core model as the basis for a number of related funds.

Start Funds are the fastest, collectively-owned, early response mechanisms in the world, powered by

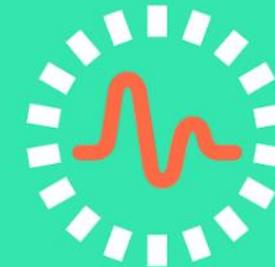
RAPID, EFFECTIVE FINANCE



FOCUSING ON 3 TYPES OF HUMANITARIAN NEED



UNDERFUNDED
SMALL TO MEDIUM
SCALE CRISES



SPIKES IN CHRONIC
HUMANITARIAN
CRISES



FORECASTS OF
IMPENDING
CRISES

THE START FUND ALERT CYCLE



SFN MEMBERS



START FUND
NEPAL
START NETWORK

16 NGOs
15 INGOs



Rapidly

Anticipatorily

Localized

Follow us on
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@StartFundNepal

START FUND NEPAL

START NETWORK

*As of Dec 2023



19
ALERTS

17 
ACTIVATIONS

152,243
PEOPLE ASSISTED



£ 2.3 M
FUNDS DISBURSED

7

PROVINCES



ALERT 009: GIRLS RECEIVING DIGNITY KITS IN KARNALI



ALERT 18: NTAG INDUCTING STUDENTS ON DENGUE RISK AND CONTROL

SFN: Major achievements

Timelines
s



- Activation of funds within 56 hours
- Principal activities within 2.25 days

Localization
n



- Onboarding 10 new LNNGOs including due diligence complete



- Direct funding to local organizations as leads
- About 15% fund directly and more than 75% fund indirectly channeled to local NGOs
- Capacity Enhancement/Strengthen

Collaboration
n



- Collaborations with different I/NGOs, private organizations, research institutes, IGOs, and the government, including through FOREWARN

FOREWARN

START NETWORK

FORcast-based
Warning Analysis
Response Network

PROBLEMS WE ARE FACING

Decision-making is centralised and priorities are disconnected from communities

The system is reactive, fragmented and inefficient

Incentives and ways of working are outdated, inflexible and resistant to change

SOLUTIONS

Shifting power and resources, and decentralising decision-making to locally-led networks and organisations.

Building a global financing system that reduces risk, anticipates, and acts ahead of predictable crises.

Incentivising innovative, locally-led and contextual solutions and learning together with people affected by crises.

What is Anticipatory

Action?

IFRC

Anticipatory action refers to actions taken before a crisis hits to prevent or reduce potential disaster impacts prior to a shock or before acute impacts are felt. The actions are carried out based on forecasts or predictions of how the event will unfold.

UN-OCHA

Anticipatory humanitarian actions are actions taken in anticipation of a crisis, either before the shock or at least before substantial humanitarian needs have manifested themselves, which are intended to mitigate the impact of the crisis or improve the response.

START Network

- Anticipatory action: acting ahead of predicted hazardous events to prevent or reduce acute humanitarian impacts before they fully unfold. (REAP definition)
- Advanced preparedness to respond (e.g. rapid protection training before anticipated violence/displacement)
- Mitigating loss/harm (e.g. communicate and mobilise before a heatwave)
- Avoiding losses (e.g. de-stocking livestock before a drought)



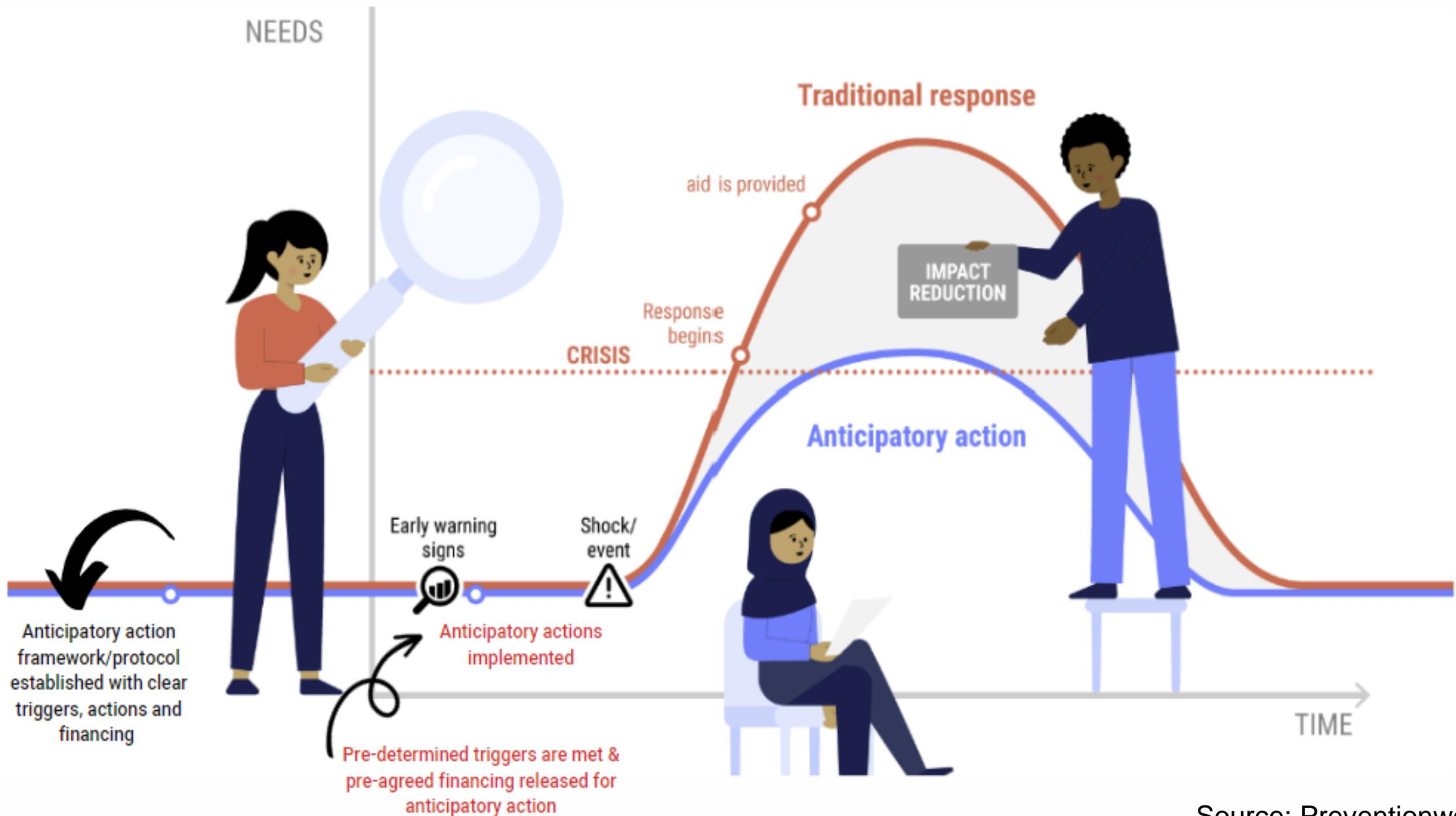
The cash transfer before the flood saved us. Otherwise, we would have had to sell our livestock, our income source for the future!

Male focus group participant who received an anticipatory cash transfer, Bhandarbari (Bangladesh)

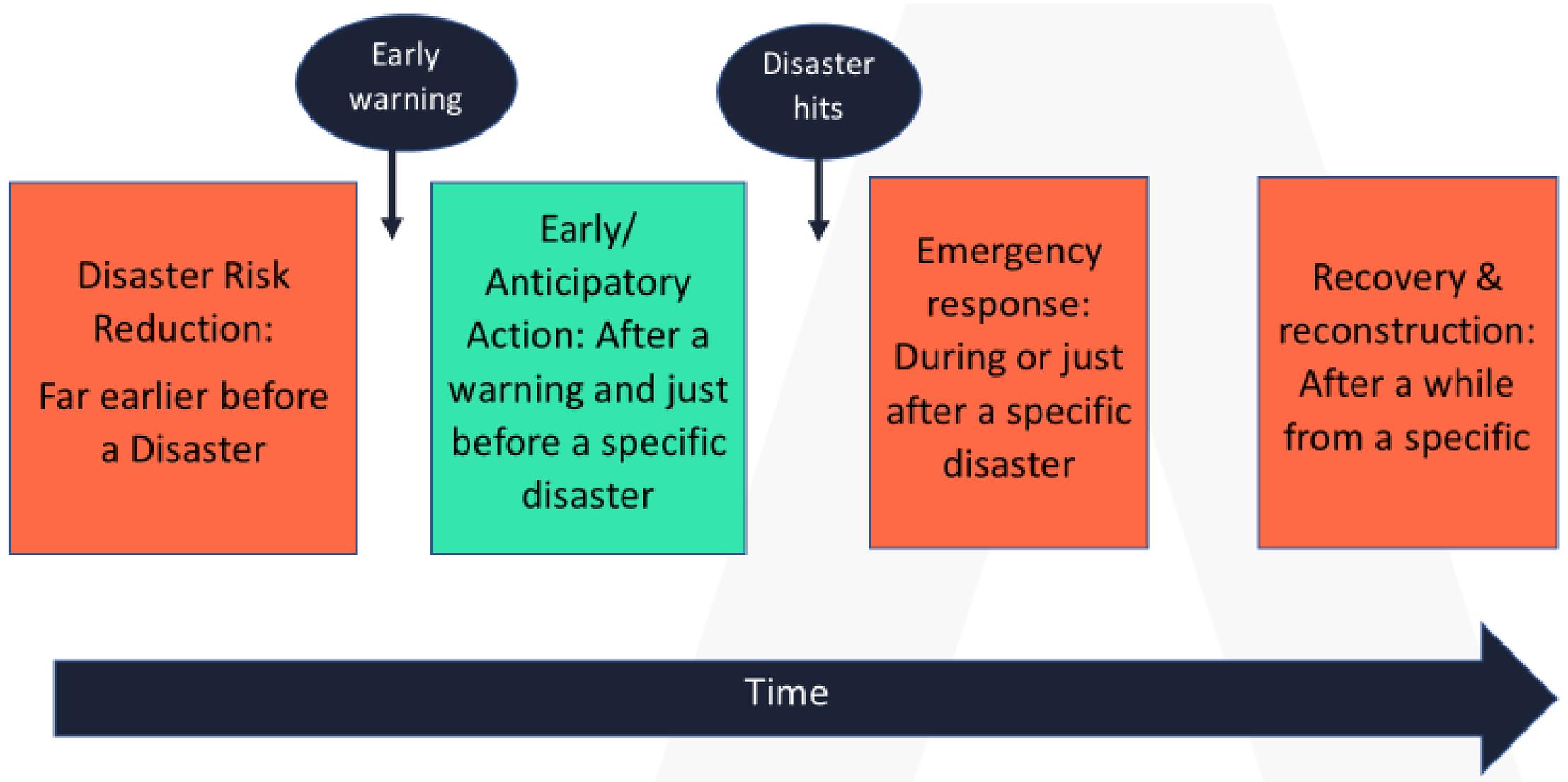
Because we received some money, we were able to manage during the flood. Without it, we would have to take some loan which is very costly to us.

Female focus group participant in Kamalpur (Bangladesh)





HUMANITARIAN DEVELOPMENT CYCLE



START FUND ANTICIPATION

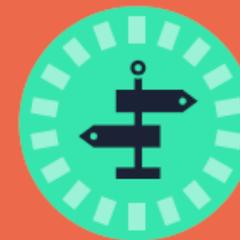
A FAST, COLLECTIVELY-OWNED, ANTICIPATORY AND EARLY RESPONSE MECHANISMS, POWERED BY A DECENTRALISED, COLLABORATIVE, AND LOCALISED NETWORK OF ORGANISATIONS



MONITORING OF PREDICTABLE
AND UNPREDICTABLE RISKS



COLLABORATIVE RISK
ANALYSIS OF DYNAMIC
SITUATIONS



NGO OWNED DECISION
MAKING

FOCUSING ON 3 TYPES OF HUMANITARIAN NEED



UNDER FUNDED SMALL TO
MEDIUM SCALE CRISES



SPIKES IN CHRONIC
HUMANITARIAN CRISES



FORECASTS OF
IMPENDING CRISES

START NETWORK

FALSE ALARMS



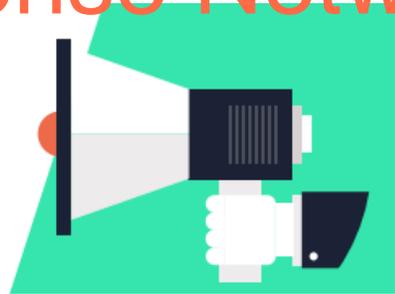
START NETWORK HAS A NO REGRETS POLICY: IF AN ANTICIPATION ALERT IS ACTIVATED AND ACTIONS ARE TAKEN TO MITIGATE THE ANTICIPATED RISK THEN THIS IS CONSIDERED A SUCCESS. THERE ARE NO NEGATIVE CONSEQUENCES FOR AGENCIES IF THE FORECAST DOES NOT OCCUR AS EXPECTED.



FOREWARN (FOREcast-based Warning, Analysis, and Response Network)



Technical AA
groups



Stakeholders'
engagement



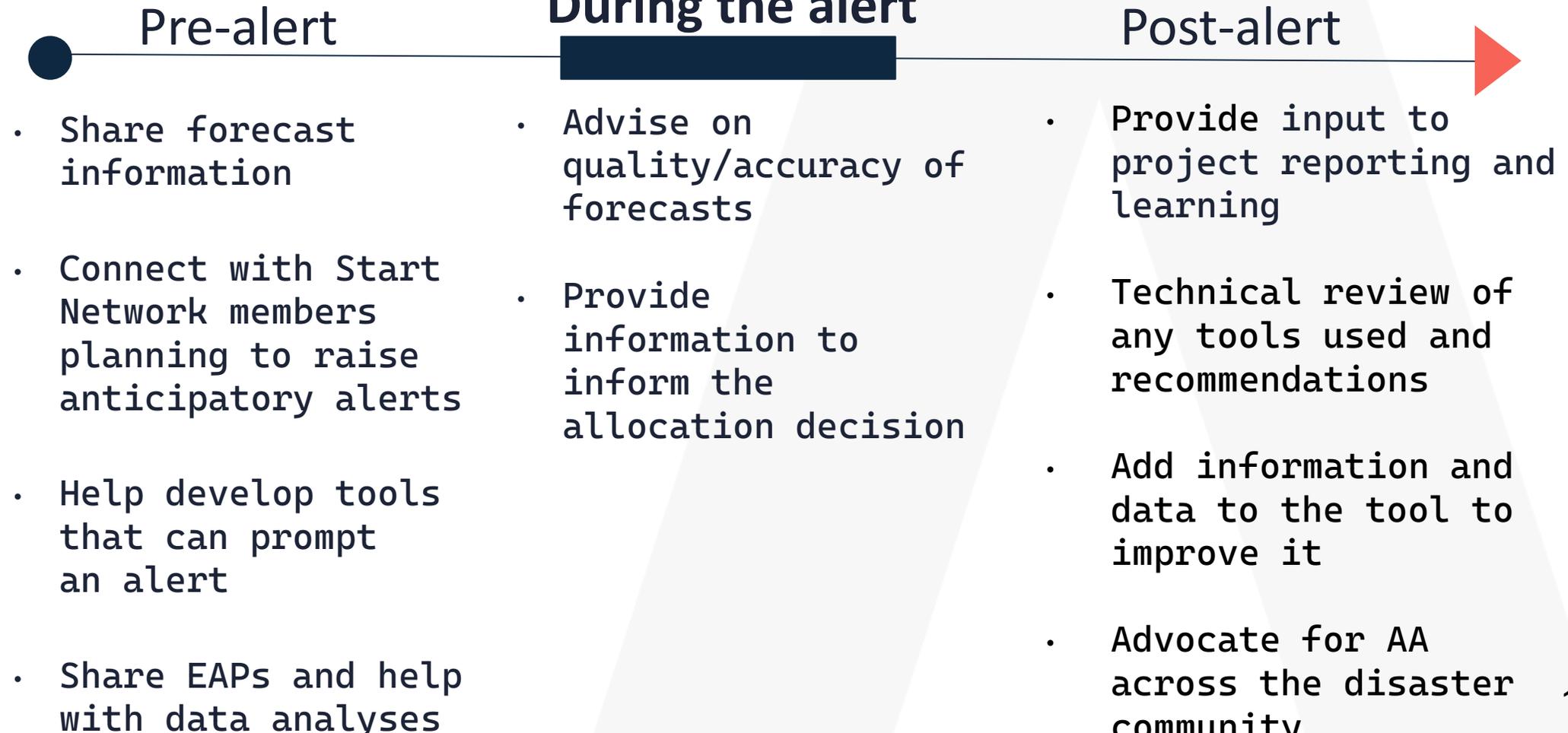
Timely quality
alert raising

FOREWARN

Objectives of FOREWARN **START NETWORK**

- Connect practitioners with academia
- Increase technical capacity to access and interpret forecast information
- Prioritize and advocate for policies that are proactively addressing disasters
- Standardize disaster response and information generation
- Open doors for non-SFN members to SFN and increase the LNGO engagement in AA
- Creating spaces for members to collaborate/conduct risk analysis
- Cultivating a consistent & reliable expert group that monitors and shares forecasts
- Development of anticipatory action plans - supporting members to access data & with coordination
- Showcasing and discussion of innovations, tools, analysis and anticipatory projects - nationally, regionally, and globally
- Funding and providing technical support to the development of

Roles of FOREWARN experts in AA



IS IT GOING TO RAIN TODAY?



Timely forecasting for different hazards so that we can act sufficiently ahead of predictable crises.

What has SFN done in anticipation of Heatwaves last year?



Technical AA groups

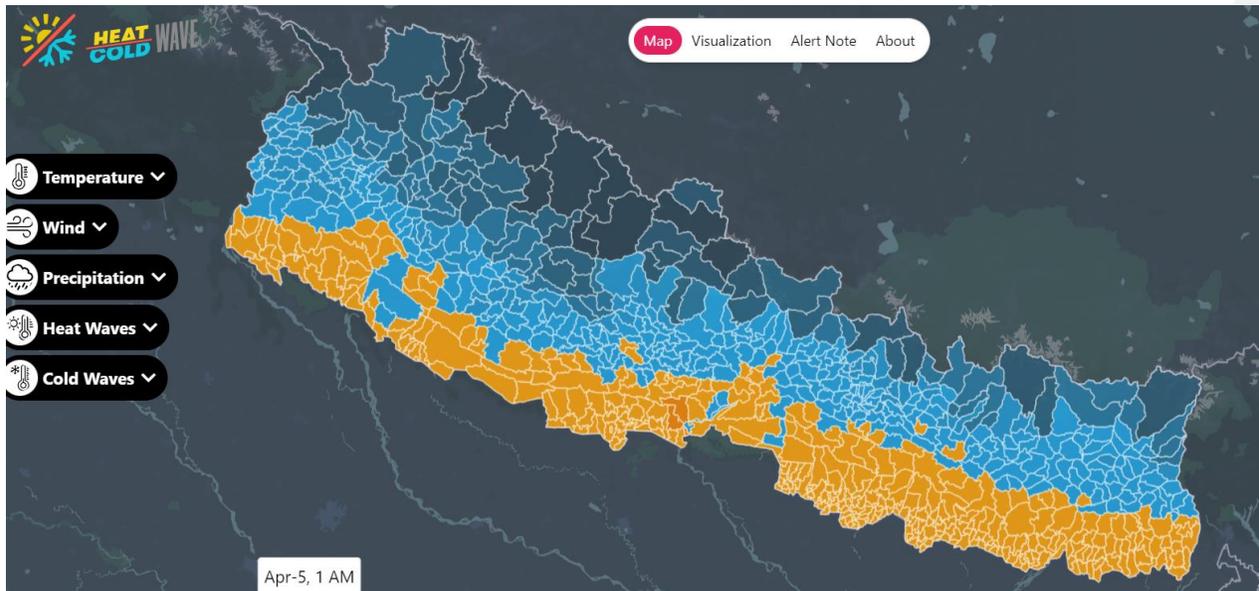


Stakeholders' engagement



Timely quality alert raising

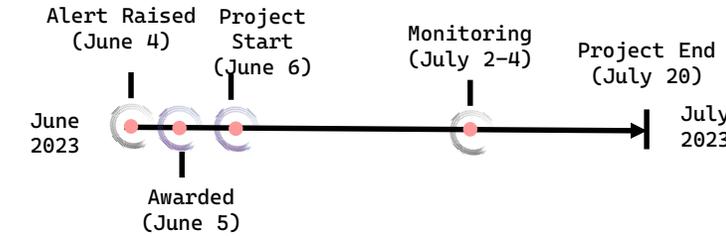
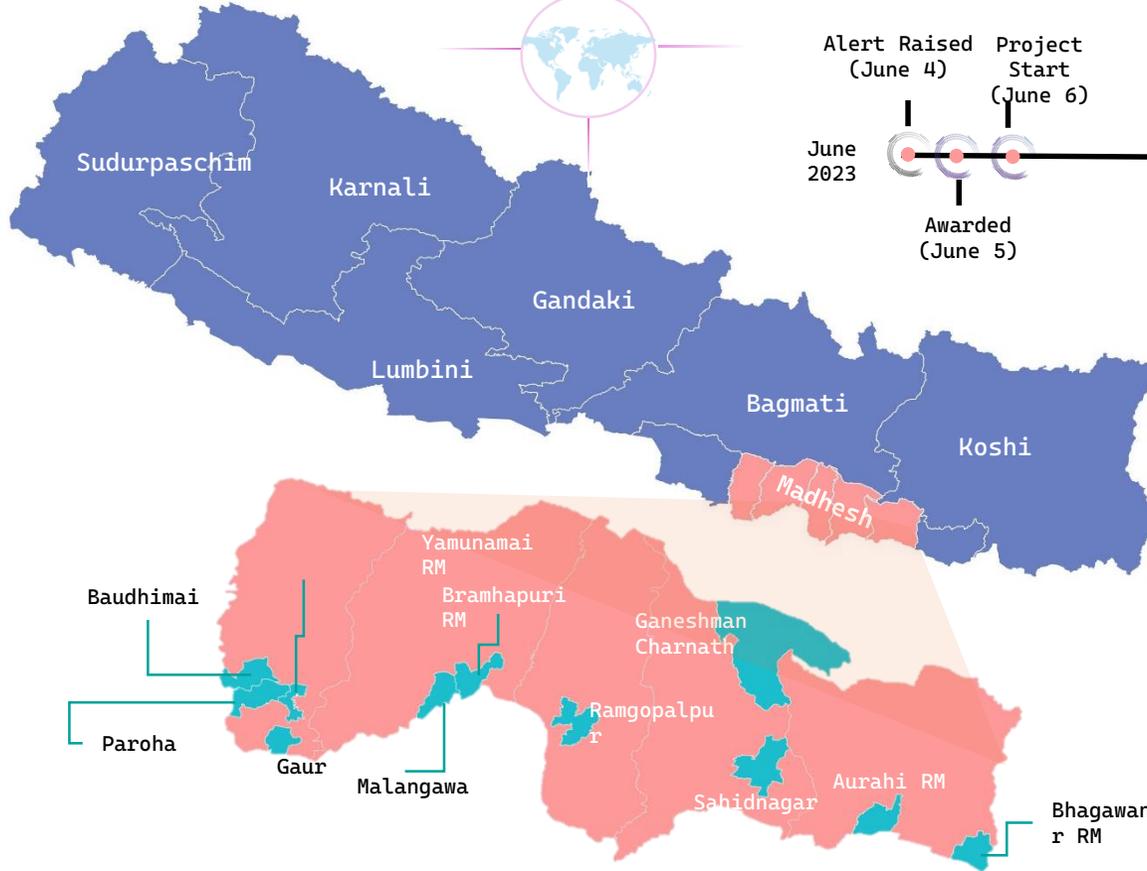
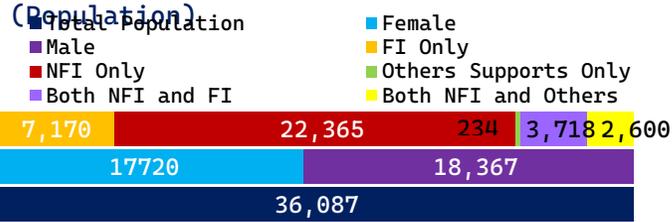
- Experts monitoring different forecast sources
- Agencies prepared to respond and are coordinated
- Funding earmarked to respond to HW



Alert N-13 Nepal (Anticipation Heat wave in Tarai Districts – 85K GBP)

Our Response

Beneficiaries : 27,012 (HHs), 36,087



Rautahat District (10,499 HHs)

Palikas	HHs	Female	Male
Baudhimai	2,502	1,836	1,855
Gaur	3,475	1,834	2,152
Yamunamai	1,785	1,194	1,221

Mahottari District (3,053 HHs)

Ramgopalpur	3,053	1,943	2,018
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Dhanusa District (7,436 HHs)

Sahidnagar		1,929	1,992
Ramgopalpur	3,163	2,560	2,663

Siraha District (4,524 HHs)

Ganeshman	4,273	1,686	1,722
Bhagwanpur	2,128	1,483	1,551

Sarlahi District (1,500 HHs)

Malangwa	850	1,020	848
Brahmapuri	650	298	352

Food Items (FI)

Non-Food Items (NFI)

Distributed



What resources are available?

START
NETWORK

PRE-ALERT GUIDANCE NOTE MAY 2023

ANTICIPATING HEATWAVES

THIS PRE-ALERT GUIDANCE NOTE AIMS TO SUPPORT START NETWORK MEMBERS TO RAISE **START FUND ANTICIPATION ALERTS** AND ACT IN ADVANCE OF A CRISIS TO PREVENT OR REDUCE HUMANITARIAN IMPACTS. THIS NOTE INCLUDES ADVICE ON INDICATORS AND FORECASTS TO PREDICT HEATWAVES, POTENTIAL IMPACTS, AND TO DELIVER ANTICIPATORY ACTIVITIES.



EARLY ACTION PROTOCOL SUMMARY

Bangladesh | Heatwave EAP



Government of Nepal
Ministry of Energy, Water Resources and Irrigation
Department of Hydrology and Meteorology

Meteorological Observations

Meteorological Forecast

Hydrological Observations

Hydrological Forecast

HEAT AND COLD WAVE MONITORING

Hot Days & Heat Wave Bulletin_18th June 2023

Hot Days & Heat Wave Bulletin_9th June 2023

Hot Days & Heat Wave Bulletin_18April2023

Nepalgunj

Heat
Action
Plan

2023



What can be done in anticipation of heat waves?

Before a HW

- Mapping out at-risk communities and coordinate activities and funding
- Awareness raising through localized messaging, social media, pamphlets and posters
- Targeted workshops in communities, particularly women, elderly, and children
- Enhance the capacities of health-care professionals and institutions
- Cooling centers and water facilities set up (Water ATMs)
- Reflective-coating of roofs
- Coordination calls among stakeholders

During a HW

- Alerting and Awareness raising continued
- Cash distribution to street vendors, hawkers, subsistence farmers
- Cooling centers and water facilities set up (Water ATMs)
- Distribution of Saline water, drinking water through mobile services, water tankers
- Setting up mobile ambulance services
- Distributing fans in schools, cooled drinking water systems and bottles, slippers, umbrellas
- Thatched roofs on cement to act as an insulation

After a HW

- Monitoring response and identify impacts of the response
- Seek feedbacks regarding the response
- Hold post-heat wave season learning exchange exercises
- Generate evidence on the types of impacts the heat wave had
- Peer-reviews of forecasting tools and services and identifying gaps

What can you do?



Help us set up efficient systems (cooling stations, drinking water services, upgrade health services) as demanded by the crisis scenarios and local needs



Help us reach the at-risk communities rapidly through cash interventions and effective targeted messaging

Help us coordinate with the local government, at risk communities to identify who is most at risk, and identify HW impacts

https://careinternational-my.sharepoint.com/:x:/g/personal/niroj_sapkota_care_org/Ee6ITUt7PGBNgFrY0a83CQUBiYDKV_ksejyttRQ2zrJEHTQ?e=0PA57I

THANK YOU!