



SAVING LIVES BY OUTSMARTING DISASTERS

NO ONE SHOULD DIE FROM PREDICTABLE HAZARDS

With the right information, support and resources, communities can act early to protect themselves. Our project will expand the number of communities who can take early actions to save their families and assets.

THE PROBLEM

- Climate change is increasing the frequency and intensity of extreme weather events, most of which can be forecasted before they happen.
- Natural hazards affect 200 million people, kill 67,000 people and drive 26 million people into poverty every year.
- Vulnerable groups, the elderly, people with disabilities, women and children suffer the most.
- Lack of agreed triggers for action, lack of clarity on appropriate actions to take, and lack of funding compound the issue.

SOLUTION:

Address risks before they become disasters.



We will help communities adopt the **Early Warning Early Action** approach which translates warnings into anticipatory action including:

- Evacuating people before a flood to reduce need for rescue and support
- Helping farmers identify alternative livelihoods for alternative income post-disaster
- Harvesting crops early to protect assets and livelihoods
- Releasing anticipatory cash grants so people can buy materials to reinforce homes

"Upgrading early warning and early action capacity in developing countries translates to 23,000 lives saved per year and up to US \$2 Billion in avoided asset losses per year."

SOURCE: WORLD BANK GROUP

OVER 10 YEARS OF INNOVATION

- 2007 IFRC started innovating forecast-based action
- 2014 Pilot project operationalized in several countries
- 2015 in Peru early action helped reduce deaths to only 20 people in the 2015/16 El Niño down from 9,300 people in the 1982 and 1997 El Niño episodes.
- 2017 in Mongolia, farmers' access to animal care kits and cash before the winter dzud resulted in less livestock loss
- 2017 in Bangladesh forecast-based cash grants before floods helped people maintain access to basic needs and avoid predatory loans

SRATEGY



SUSTAINABILITY

Our project will leverage the Red Cross Red Crescent (RC/RC) network to establish community and nationally owned early warning and early action systems that can operate beyond the lifetime of the project

- Build the capacity of RC/RC national societies to lead early warning and early action efforts in their respective countries.
- Support national RC/RC societies to be ready to complement and reinforce community-led early actions and a national forecast-based action system.
- Connect national societies with in-country resources and stakeholders for further capacity building.

REASON TO BELIEVE

RC/RC national societies are well placed to support people and communities before, during and after disasters due to their:

- Permanent presence in communities
- Role as auxiliaries to the public authorities in the humanitarian field
- Extensive network of local branches and community-based volunteers
- Disaster risk management structures and capacities developed in almost every country in the world Access to IFRC finance mechanisms.

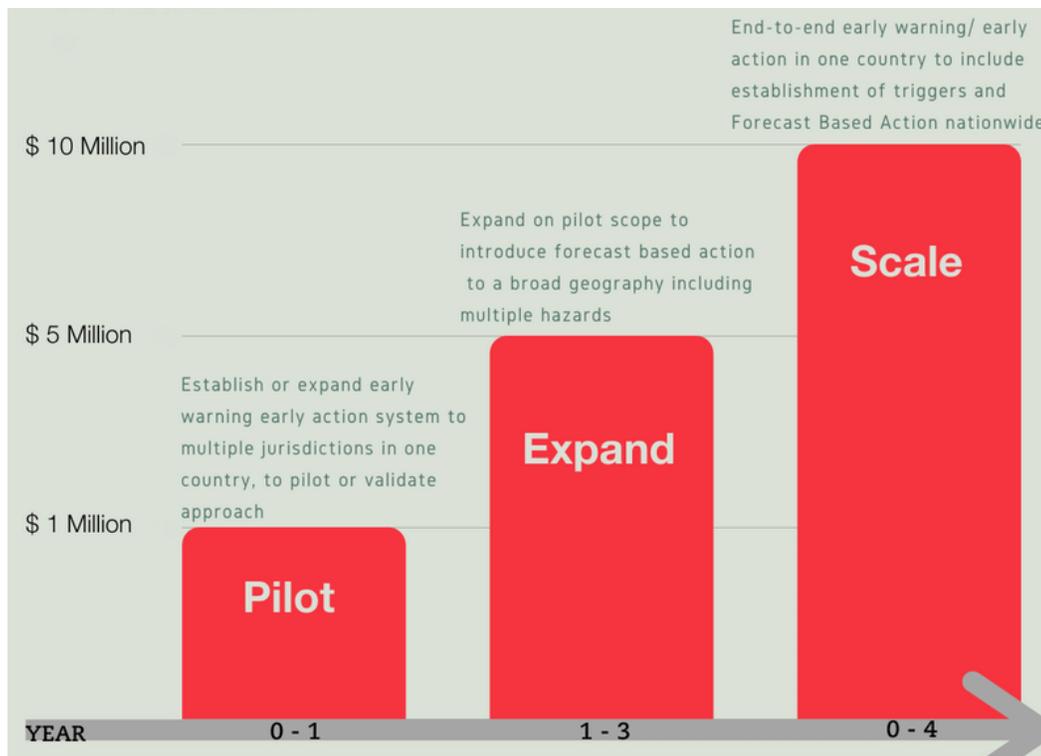
“If you anticipate problems, you can deal with them more cheaply, more quickly and with less suffering.”

~ MARK LOWCOCK, UNOCHA UNDER-SECRETARY-GENERAL & EMERGENCY RELIEF COORDINATOR

INNOVATION TIMELINE CONTINUED

- 2018 1st funding mechanism for forecast-based action launched
- 2019 Forecasts successfully triggered early action in 6 countries - Philippines, Peru, Togo, Uganda, Bangladesh and Mongolia
- 2019 Launched innovative core technology to analyse and share disaster related data
- 2020 & Beyond Expanding forecast-based action

OPPORTUNITIES FOR INVESTMENT



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