

Princess Margriet Fund

THE URGENCY

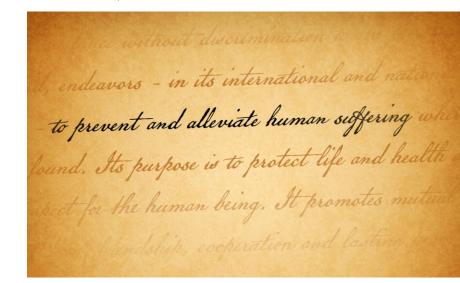
- The number of reported sudden-onset climate change and weather-related disasters has increased by more than 40% over the last 20 years (WMO 2021).
- Sudden-onset climate change and weather-related disasters have killed more than 410,000 people from 2010 to 2019, with 91% of deaths occurring in developing countries (IFRC 2020).
- 83% of all natural disasters are related to extreme weather, like floods, storms, drought and heatwaves, in total 1.7 billion people affected (IFRC 2020)



WHY THE RED CROSS WORKS WITH NATURE

- Prevention is a crucial part of the Red Cross and Red Crescent mandate
- We see humanitarian consequences of extreme weather events frequently
- Much suffering can be avoided by investing in Climate Change Adaptation, and Ecosystem Restoration (incl. Nature based Solutions).
- How nature helps to protect people:
 - Healthy ecosystems act as buffer to reduce risk and limit impact of hazards
 - Healthy ecosystems provide goods and services that are vital for human life

1 USD invested in prevention saves on average 16 USD on relief and response





About the Fund

- The Fund promotes and develops Climate Adaptation & landscape restoration programs including NbS for long term structural disaster prevention and risk reduction across the RCRC movement.
- The goal is to strengthen the resilience of vulnerable communities worldwide that are affected by natural hazards exacerbated by climate change.
- We do this by protecting nature to protect people and support resource mobilization for accelerating and scaling our work on CCA and WWN.



NATURE-BASED SOLUTIONS TO ADDRESS THE CLIMATE CRISIS



How can we use nature to help communities build resilience to extreme weather events and climate change?

Mountains, forests and watersheds



Problem: Intense rainfall causes landslides, soil loss and siltation

Solution: Protect and restore forests to stabilise soils and slow water runoff



Problem: Wildfires lead to loss of life and assets

Solution: Protect and manage forests to prevent wildfires

Rivers and Wetlands



Problem: Flooding leads to loss of assets, contaminated waters and crop yield reduction

Solution: Restore wetlands to absorb and filter flood waters



Problem: Drought reduces the flow of rivers

Solution: Protect and restore forests and watersheds to regulate the flow of rivers

Coasts

Farmland



Problem: Rising sea levels and coastal erosion cause loss of land, livelihoods and assets

Problem: Drought leads to crop failure and livestock loss

Problem: Flooding leads to loss of assets, crop yield reduction and transport disruption

lution: Protect and restore

forests to slow water runoff

Solution: Implement agroforestry to reduce evaporation and make better use of soil moisture

 Solution: Restore coastal wetlands

Problem: Storm surges lead to loss of life and assets

Solution: Protect and restore mangroves, marshes and reefs to buffer coasts and absorb floodwaters





Solution: Restore passageways for water, expand green spaces and introduce porous surfaces to reduce flood risk



Problem: Urban heat islands can cause heat stress

Solution: Expand green spaces in and around citie "Nature-based solutions can help address the climate crisis. And by using them, we're protecting nature and protecting people." IFRC

"Nature-based solutions are actions to protect, sustainably manage, or restore natural ecosystems, that address societal challenges such as climate change, human health, food and water security, and disaster risk reduction effectively and adaptively, simultaneously providing human well-being and biodiversity benefits."



More info available on Nature Navigator

THE POTENTIAL OF NBS IN HUMARITARIAN ACTION

- Reduce the intensity of climate change and weather-related hazards by at least 26%.*
- Save Global South countries at least US \$104 billion in 2030 and US \$393 billion in 2050.*
- Prevent and reduce disaster impacts on people and the environment.



^{*} Source: WWF/IFRC "Working with nature to protect people" 2022



Princess Margriet Fund

To protect nature to protect people. An integrated approach to community resilience

Safe communities



Early Warning Early Action



Water management



Disaster Risk Reduction

Healthy ecosystems



Ecosystem restoration



Regenerative land management



Environmental education



Environmental governance

Economic opportunities



Sustainable value chain development



Business incubator



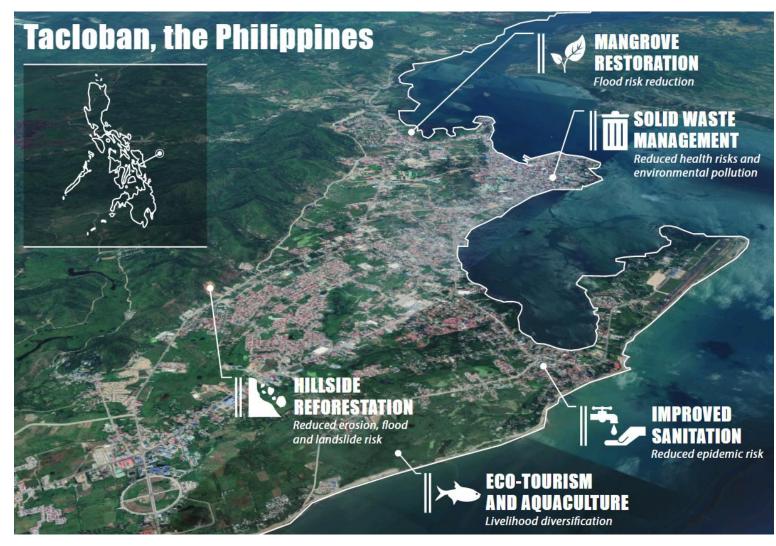
Business enabling environment



EXAMPLE 1 Philippines, Integrated Coastal Zone Management Project







EXAMPLE 2Haiti – Green Pearls











EXAMPLE 3Kayes, Mali

