### **Results Sheet**

# HAITI JUNE, 2022

## UPSCALING COMMUNITY RESILIENCE THROUGH ECOSYSTEM-BASED DISASTER RISK REDUCTION



Fig.1:Map of the Project Sites

#### **Project overview**

Project location: Haiti

Ecosystems under restoration/protection in the South district of Haiti:

Chardonnieres, Les Anglais, and Tiburon

**Key risks being addressed:** Flooding, landslides and food insecurity

Project period: May 2019 – June 2022

#### **Project objectives:**

- **Overall objective:** The community of Chardonnier (70,000), arrondissement is more resilient to disasters (also related to climate change) due to the adoption of demonstrated best practices by farmers and landowners in the locality.
- **Specific objective:** Strengthened integrated risk management and inclusive risk governance by supporting development and scaling up of Eco-DRR actions and citizen-based monitoring of disaster and climate resilient policies and practices and mainstreaming youth engagement and gender considerations.

#### Project budget: 889,108 USD

• Over 10 years the present value of net benefits is 5.4 million USD, including reduced property damage, income losses, carbon capture and pollution reduction (UMass-Amherst, 2022).

#### **Project Results**



#### **Capacity Building**

- 15 Community-based Organisations established and actively engaged in ecosystem restoration and good agriculture practices including crop production and prevention of soil erosion.
- 6 women groups trained and engaged in vegetable gardening for livelihood strengthening.
- 6 Red Cross committees involved in Eco-DRR actions and disaster preparedness.
- 3 Civil Protection Local Committees trained in emergency management and establishing a coordination centre for emergencies.
- 3 local builders groups trained on building Eco-DRR infrastructures and maintenance.
- 2 Community-based Organisations trained and engaged in beekeeping.

#### **Advocacy with Government**

- Local authorities of 6 different sections actively participated in programme activities through training and implementation of community Vulnerability and Capacity Assessments.
- Community Commitment Charter for the Protection of the Environment – Community owned document which describes the process of an informal agreement with the objective to protect the restored land into private farmers land, followed by long-term protection of the restored land and its endorsement by local authorities.
- 1 Red Cross Youth Committee presented and advocated its Eco-DRR action plan to the Mayor Office of Tiburon.
- Advocacy with the Haitian Red Cross, to include and replicate the Ec-oDRR training methodology into J'adapte programme and other relevant HRC training materials, increase the Youth Red Cross Committees actions related to Eco-DRR as common practise and include the vision of the Eco-DRR approach into the current 5 years Haitian Red Cross strategic planning document.



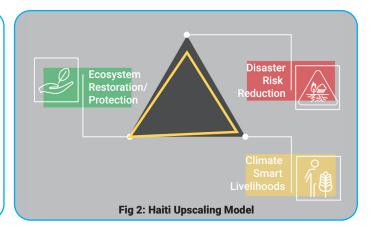
#### Field implementation for resilience-building

- 9,211 beneficiaries reached of which 37 percent are women.
- 10 community-based seedlings nurseries established and managed by communities. Each have a capacity of 3,000 to 10,000 seedlings.
- 29 hectares (ha) of degraded mountain land restored with native tree species through the reinforcement of agroforestry systems and woodlots.
- Creation of natural zones for additional protection by landowners and communities.
- 56 earthen walls constructed and 27 retaining walls built to reduce erosion, mitigate flood and landslide hazards. These were combined with vegetation such as: pineapple and bamboo to strengthen the structures and provide livelihoods benefits.
- 8 vegetable model gardens (jaden lakou) were established with women groups to practice new techniques and showcase results

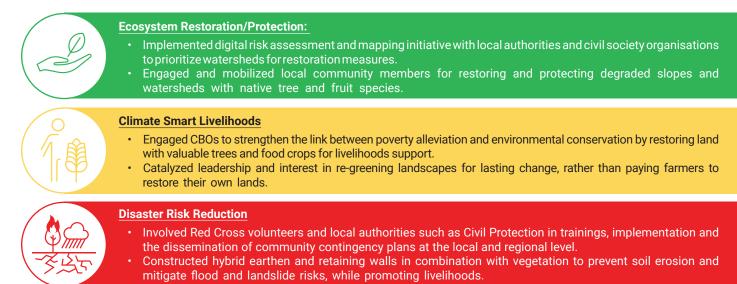
Each Eco-DRR project has developed a replicable model for upscaling community resilience through three core components of Eco-DRR:

- Disaster Risk Reduction
- Ecosystem Restoration/Protection
- Climate Smart Livelihood

In Haiti, there is a greater emphasis on ecosystem restoration and climate smart livelihoods by combining slopes restoration and watersheds protection with staple crops cultivation to address chronic food insecurity.



Eco-DRR upscaling model: Addressing flood, landslide and food insecurity risks through risk mapping, slope and watershed restoration and livelihoods diversification by upscaling Eco-DRR into humanitarian programmes of Red Cross Societies in Haiti.



Key implementing partners: The Netherlands Red Cross, Haitian Red Cross, the local and regional government authorities



Fig 3: Agricultural technician on the training of seeds collection



Fig 4: Cassia seedlings growing in the community nursery





PARTNERS FOR RESILIENCE





The Netherlands Red Cross





