Ministério do Ambiente, Ação Climática e Energia

LUXEMBOURG AID & DEVELOPMENT

AÇÃO CLIMÁTICA AGORA

Resilient Mosteiros:

Sustainable fisheries management and valorization of marine resources

Municipality of **Mosteiros**, **Fogo** Island

Type of action: Local-level climate change adaptation

Duration: 19 months

Budget: 725.000,00 €

Implementation: IMAR Instituto do Mar; Infraestruturas de Cabo Verde; LUXDEV Luxembourg Development Agency

Context

The municipality of Mosteiros, on Fogo Island, has approximately 8,000 inhabitants and an economyprimarily based on agriculture and fisheries. It is highly vulnerable to climate change and faces drought, soil erosion and a decline in marine resources.

The project, "Sustainable Fisheries Management and Valorisation of Marine Resources", aims to strengthen climate resilience by promoting sustainable fishing, enhancing the fisheries value chain and building the capacity of fishers.

The project also includes the creation of a Climate Interpretation Centre at the Coffee Museum to improve climate literacy and raise environmental awareness among the local population.

The project is one of the priority actions defined in the Local Climate Action Plan, (PLAC/SEACAP), of the Municipality of Mosteiros.

General Objective

Strengthen the **climate resilience of the Municipality of Mosteiros** through sustainable fishing and the valorisation of marine resources, while promoting **biodiversity conservation** and **ecosystem restoration**.

The project includes the **installation of Fish Aggregating Devices**, known as FADs, which are structures placed at sea to attract schools of fish and improve the efficiency of artisanal fishing. It also includes the valorisation of fishery products, the **protection of fishing vessels, the creation of climate shelters and awareness raising activities** addressing climate change.

Specific Objectives

- Promote planning and acquisition of equipment or **sustainable fisheries**, with **capacity-building and knowledge transfer** along the entire value chain, involving fishers and fish vendors;
- **Monitor sea-level rise** and coastal tide variations through **the installation of tide gauges** managed by IMar;
- **Raise awareness among the population and the fishing community** about the impacts of climate change, promoting **knowledge sharing** and **strengthening climate resilience**, through the creation of Climate Interpretation Center, integrated into the Museu de Café (Coffee Museum) building;
- **Install boat haul** out systems to facilitate the hauling ashore of artisanal fishing vessels at Praia Diante and Praia Cais.



Expected Results

Increased climate resilience of coastal communities through adaptation measures aligned with national policies;

Improved infrastructure and maritime safety through vessel shelter areas, boat haul out systems and training for fishers;

Population with increased awareness of the impacts of climate change;

Promotion of sustainable fishing through the installation of FADs, the use of renewable energy and improved fish preservation;

Strengthened local capacity and community based management of marine resources through training and the "Guardians of the Sea" initiative.

Direct Beneficiaries

- **113** fishers;
- **37** boat owners;
- **16** fish vendors;
- **41** fishing boats.

The entire Municipality of Mosteiros, with particular emphasis on fishing communities;

Mosteiros Municipality.

Main Actions

- Institutional coordination and planning for project implementation and FADs regulation;
- Installation of infrastructures and equipment, including FADs, vessel shelter areas and a renewable energy powered ice making machine;
- Capacity-building for fishers and fish vendors in sustainable fishing, safety at sea and the valorisation of fishery products;
- Climate awareness raising and communication, with the creation of interpretation centre and the strengthening of environmental literacy;
- Protection of the coastal zone and provision of shelter for fishing vessels against sea level rise and storms.

Expected Impact

Environmental:
Conservation of biodiversit and marine ecosystems through sustainable fishing practices and increased coastal biomass;

Social:
Greater safety and resilience among fishing communities, improved diets and stronger social cohesion;

Economic:
Enhanced local economic development, with incresead income for households dependent on fishiries and related activities and the creation of new development opportunities;

Educational:
Capacity building in sustainable fishing, safety at sea and good practices throughout the value chain..

Indicators

- Annual volume of catch originating from areas influenced by the FADs;
- Number of FADs installed during the project that remain operational one year after their installation;
- Average fishing time required to achieve the average daily catch;
- Annual number of small businesses established by beneficiaries through the programme, disaggregated by gender.

Partnerships

- Municipality of Mosteiros;
- Association of Fishing Operators;
- Ministry of Agriculture, Rural Development and Fisheries;
- Vitó Project.

portaldoclima.gov.cv