Ministério do Ambiente, Ação Climática e Energia

LUXEMBOURG AID & DEVELOPMENT

Resilient Brava:

Protection Against Landslides and Creation of a Climate Shelter at Furna Quay

Brava Municipality, Brava Island

Brava Island, the smallest inhabited island in Cabo Verde, faces increasing climate risks, including storms, landslides and drought.

Furna, where the island's main access port is located, is one of its most vulnerable areas, with frequent flooding and a risk of isolation during periods of heavy rainfall.

The events of 2015, 2017 and 2023 demonstrated the urgent need to develop climate adaptation infrastructure and measures to mitigate climate impacts.

The project, "Protection against Landslides and Creation of a Climate Shelter at Furna Quay", is one of the priority actions identified in the Local Climate Action Plan, PLAC/SEACAP, of the Municipality of Brava.

General Objective

Strengthen the climate resilience of Brava Island through the construction of torrent control infrastructure and the creation of a climate shelter at the maritime terminal at Furna Quay.

Specific Objectives

- **Control water erosion** and reduce the risk of flooding in Furna;
- **Create a climate shelter with an interpretive centre** at the maritime terminal at Furna Pier, in order to raise awareness among the local community;
- **Promote communication and capacity-building** activities relating to climate adaptation.



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Type of action: Local-level climate change adaptation

Duration: 21 months

Budget: 725,000.00 €

AÇÃO CLIMÁTICA AGORA

Implementation: Ministério da Economia, Comércio, Industria e Transição Digital; Infraestruturas de CABO VERDE; LUXDEV Luxembourg Development Agency

Expected Results

- Torrent control infrastructure incorporating nature based solutions implemented;
- Risk of flooding and isolation in Furna significantly reduced;
- Residents and visitors informed about the effects of climate change;
- Municipal and community technical staff trained in the management and maintenance of flood-prone areas and in landslide prevention.

Main Actions

- Construction of retaining and drainage infrastructure along a 1,200 metre section of Ribeira de Furna;
- Reforestation and stabilisation of slopes using native species;
- Creation of green areas and a climate shelter with a interpretive centre;
- Implementation of a climate communication and publi awareness plan.

Partnerships

- Municipality of Brava;
- Ministry of Environment, Climate Action and Energy;
- Biflores Association.

Direct Beneficiaries

- Residents and visitors of the locality of Furna and the island of Brava;
- Municipal technical staff and local institutions involved in the project.

Expected Impact

Environmental: Reduction of erosion, stabilisation of the soil and improvement of biodiversity;

Educational: Greater safety and an improved quality of life for residents and visitors;

Continued access to and operation of the port during periods of rainfall;

Social: Greater safety and an improved quality of life for residents and visitors.

Indicators

- Area flooded in the low lying area of Furna during intense rainfall events, measured in hectares per year;
- Number of days on which access to the Port of Furna is interrupted due to flooding;
- Area of slopes stabilised or restored using nature based solutions one year after the implementation of the project, measured in hectares;
- Number of people remaining inside the Maritime Terminal at the Port of Furna for more than 10 minutes.