Ministério do Ambiente, Ação Climática e Energia

LUXEMBOURG AID & DEVELOPMENT

Resilient Ribeira Brava:

Electric Mobility and Wildfire Prevention

Municipality of **Ribeira Brava**, **São Nicolau** Island

Type of action: Local-level climate change adaptation

Duration: 33 months

Budget: 675,000.00 €

AÇÃO CLIMÁTICA AGORA

Implementation: Ministério do Ambiente, Ação Climática e Energia; Ministério da Economia, Comércio, Industria e Transição Digital; Serviço Nacional de Proteção Civil e Bombeiros; LUXDEV Luxembourg Development Agency



Context

1. Climate Context

Climate change represents a growing challenge for Cabo Verde, an island country that is particularly vulnerable to its impacts. Rising temperatures, increasingly irregular rainfall and a heightened risk of forest fires require structured responses at local level. The energy transition and decarbonisation are therefore essential pillars for reducing greenhouse gas emissions and strengthening the resilience of the territory.

2. Electric Mobility

In the Municipality of Ribeira Brava, the project promotes electric mobility through the acquisition of two electric vehicles for school and social transport. It also includes the installation of photovoltaic systems and charging points, ensuring consistency between electric mobility and renewable energy production. Electric mobility is one of the priorities identified in the Local Climate Action Plan, (PLAC/SEACAP), of the Municipality of Ribeira Brava.

3. Forest Fire Prevention and Monte Gordo

In Monte Gordo Natural Park, the project strengthens climate resilience through the acquisition of equipment and the provision of training for forest fire prevention and firefighting. It also includes the creation of a satellite facility of the "Climate House", dedicated to environmental education, climate literacy and the valorisation of the local natural heritage.

General Objective

Strengthen climate resilience in the Municipality of Ribeira Brava by promoting climate awareness, the energy transition and electric mobility, while reinforcing forest fire prevention and firefighting measures identified as priorities in the Climate Action Plan.

Specific Objectives

- Promote climate awareness of the energy transition and electric minibuses for school and social transport;
- Strengthen the climate resilience of Monte Gordo Natural Park with equipment and training for wildfire prevention and firefighting;
- Raise awareness among residents and visitors through the climate shelter and interpretive centre, with training and capacity-building activities on climate action and forest management.



Expected Results

Strengthening climate awareness among the student community and residents, promoting the energy transition and electric mobility in Cabo Verde, through the acquisition of two electric minibuses and respective accessories for school and social transport;

Main Actions

- Promotion of electric mobility and climate awareness through the acquisition of two electric minibuses for school and social purposes;
- Reinforced climate resilience of Monte Gordo Natural Park through the update of the Management Plan, training and recruitment of new volunteer firefighters, and acquisition of new fire prevention and firefighting equipment;
- Training, capacity-building and awareness-raising of vulnerable communities and local stakeholders on climate change and risk prevention;
- Integrated strengthening of forest fire prevention in Monte Gordo Natural Park through improved forest management and maintenance, and increased operational and training capacity among the Ribeira Brava fire brigade.

Direct Beneficiaries

Technicians and managers of Monte Gordo Natural Park volunteer firefighters, residents of the areas surrounding the park and park visitors;

Student community and other residents.

Creation of training, capacity-building, awareness and communication mechanisms focused on climate change, targeted at vulnerable communities in the municipality of Ribeira Brava, on the island of São Nicolau;

Reinforced climate resilience of Monte Gordo Natural Park, through the update of the Management Plan and the acquisition of equipment for forest fire prevention and firefighting;

Reduction of forest fire risk in Monte Gordo Natural Park, through strengthened prevention, improved forest maintenance and increased response capacity of the Ribeira Brava fire brigade.

Expected Impact

Environmental: Reduction of greenhouse gas emissions, preservation of biodiversity and forest areas, and promotion of sustainable mobility;

Economic: Reduction of municipal expenditure, reallocation of resources to climate and social actions, inclusive economic development, and low maintenance costs;

Educational: Awareness-raising and climate literacy on electric mobility and climate change;

Social: Increased climate awareness, improved fire prevention and response, and enhancement of tourist attractions.

Indicators

- Number of students benefiting from electric school transport per academic year, disaggregated by gender;
- Number of electric vehicles on the island of São Nicolau, compared with the reference year;
- Area of the park affected by forest fires associated with climatic events following project implementation, measured in hectares per year.

Partnerships

- Municipality of Ribeira Brava;
- Ministry of Environment, Climate Action and Energy;
- Community-Based Associations;
- Ministry of Education, through the local delegation;
- Cabo Verdean Foundation for Social and School Action (FICASE), through the local delegation;
- Ministry of Economy, Trade, Industry and Digital Transition;
- Electric Mobility Promotion Project in Cabo Verde (PROMEC).

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