

Energy

EuropeAid

EC Partners

- Aguas de Ponta Preta (Applicant)
- Municipality of Porto Novo (Public Administration)
- Aguas de Porto Novo (Cape Verde private company)
- Trama Tecnol. Ambiental & Servedar (2 Spanish private companies)
- IDMEC – IST (Portuguese engineering university)
- Transénergie (French private company)

Facts and Figures

- € 1.1 (75% of total) granted in 2008- 2010
- economic benefits from import substitutions



Important Notice: This Case Study refers to a proposal submitted to the ACP-EU Energy Facility in 2007. It is for illustrative purposes only.

Renewable Energy in Cape Verde

Access to Energy for Rural Fishermen Communities

The cost of imported fuel is very high because it has to be shipped to the islands. By providing renewable energy, the dependency on imported fuel will reduce significantly.



Context Energy supply in remote areas

Cape Verde is an archipelago of 10 islands in the Atlantic Ocean. Because of the geographical location and the high rural population density it is very difficult to provide universal energy access. The majority of the inhabitants of the island of Santa Antao are fishermen and the economical development of this island is strongly linked to fishing. Availability of constant energy is important for freezers, producing ice for the conservation of the catch and at same time for lighting and communication.

Objective Reducing dependency on imported fuel

The project aims at reducing the dependency on fuel in 2 districts of the island Santa Antao, Tarrafal (pop.: 1.000) and Monte Trigo (pop.: 600). The latter is without road connection to the rest of the villages on the island. The objectives of the project are to:

- Improve access to energy for poor rural fishermen on Santa Antao island while ensuring environmental sustainability by reducing the supply of imported fuel for the existing power generators.
- Improve the social and economic development of the target groups by providing affordable energy services for the conservation of fish and for lighting.

Impact What are the main activities?

- Solar micro network for Monte Trigo community: 25 kWp
- Hydropower plant in Tarrafal: 2 turbines of 30 kW each
- Workshops for maintenance of power units