

The EU Islands Facility NESOI is pleased to introduce the clean energy project receiving its support:

DEWITEN

Public Irrigation Service Decarbonization Energy Plan for the Island of Tenerife

Country  SPAIN	Island TENERIFE	Project promoter BALTEN	Sector Hydro	Project value 8.6 mn €
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“ The DEWITEN project will analyse the potential of hydraulic microturbines for usage in the Tenerife Island’s irrigation water piping system. ”

What is the project about?

An energy potential study has never been carried out before in the Island of Tenerife or in any other island of the Canary Islands. There is a lot of excess pressure in the water supply network on mountainous islands such as the island of Tenerife. The DEWITEN project will evaluate the potential for taking advantage of this energy, which is quite innovative and a great opportunity to reduce the primary energy consumption and associated GHG emissions.

How will the EU Islands Facility NESOI support the project?

- Feasibility analysis for sustainable mobility, hydraulic microturbines, and energy potential
- Risk and vulnerability assessment and identification of available mitigation strategies
- Identification of measures to reach the defined objectives and key project sizing drivers
- Mapping of the main financial instruments available to finance the identified actions
- Action plan and monitoring system, allocation of responsibilities for its implementation
- Support in participatory processes and drafting of the CETA
- Technical support in communication and dissemination of the results



Aerial view of Los Gigantes and Puerto de Santiago on Tenerife, Canary Islands, Spain

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