New Energy Solutions Optimised for Islands

NESO

EUROPEAN ISLANDS FACILITY

Using full electric bus is a challenge, both from technical and operational points of view.
The project could be replicated by the main transport companies in Sicily and in other islands

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

BEST-CT

Boosting Energy Sustainability in Transport for Catania



Island SICILY

Project promoter

Azienda Metropolitana Trasporti e Sosta Catania S.P.A (AMTS CATANIA) Sector

Mobility

Project value 12,200,000 €



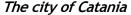
What is the project about?

- The project consists of several actions aiming at increasing the energy performance in operating urban bus transport in the city of Catania.
- The renovation of the main bus depot will include rooftop PV, PV shelters for buses and service cars, empowering electrical cabins and stations and re-lamping.
- The bus fleet will be enhanced with electric engine and batteries, together with 23 slow charging stations (80 kW each) and 3 fast charging stations (250 kW each).

How will the EU Islands Facility NESOI support the project?

- Assessment of the key project sizing drivers
- Identification of suitable technological options given existing project sizing requirements
- Definition of the required environmental permitting procedures
- Cost Benefit analysis and socio economic and environmental impact evaluation
- Definition of the technical, economic and financial, fiscal project inputs
- Risk analysis and identification of available mitigation strategies
- Assessment of existing procurement options (e.g. tender, PPP, etc.)
- Financial modelling and identification of target scenario
- Identification of financing/funding options
- Action plan and identification of project monitoring procedures





(Source: comune.catania.it)

