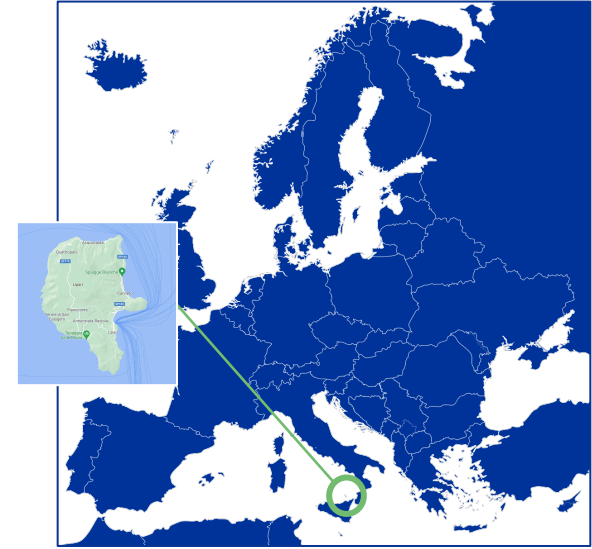


# FESOL

## Feasibility study for energy storage and solar energy in Lipari



“ The project should have a spillover effect on the entire Aeolian archipelago, and other Mediterranean islands, inspiring and urging them to implement similar solutions ”

Country	Island	Project promoter	Sectors	Project value
 ITALY	LIPARI	The Green Consulting Group S.r.l. (TGCG)	PV Storage	9,500,000 €

### What is the project about?

- The project is a feasibility study for the replacement of the existing PV plant present in Lipari, which is in a deteriorating state, by a new solar PV plant including storage, management and control modulation system.
- The aim is to achieve a high level of energy independence from fossil fuels for the entire island, thanks to the supply of clean energy for water desalination, public lighting and buildings power consumption.

### 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
- Preliminary legal and administrative due diligence



*Lipari, the largest island of the Aeolian archipelago*

(Source: visitsicily.info)