

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

e-LAFITI

Feasibility study for electric solar boat transportation to Elafiti

Country	Island	Project promoter	Sector	Project value
 CROATIA	ELAFITI ISLANDS	Dubrovnik development Agency (DURA)	Mobility	3,780,000 €



“Electric solar boats represent a social and mobility innovation, not only from an energy point of view but also to minimize sea and air pollution”

What is the project about?

- The project consists in a feasibility study for electric boats and their charging infrastructure as a regular transportation system from Dubrovnik to Elafiti islands.
- The study will evaluate the economic, technical, legal, and environmental impacts of such transportation system, for different types and sizes of electric boats that could serve the needs of both islanders and tourists.
- The study will also address the location of charging infrastructure both on mainland and on islands and their possible integration into multimodal transport nodes.

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
- Financial modelling and identification of target scenario
- Identification of financing/funding options
- Action plan and identification of project monitoring procedures
- Identification and dimensioning of transports nodes and sizing of related infrastructure, based on expected traffic



A view from Lopud, one of the Elafiti Islands (Source: August Dominus)