

SHORT STUDY TOUR



SICILY



The European Islands Facility NESOI aims to unlock the potential of EU islands to become the locomotives of European Energy Transition. To do so, NESOI aims to mobilize more than €100 Million of investment in sustainable energy projects to give EU islands the opportunity to implement energy technologies and innovative approaches, in a cost-competitive way. NESOI has selected 56 such projects across the European Union and provide them with financial resources and technical support.



NESOI – SICILY SHORT STUDY TOUR

ABOUT

THE PROGRAMME

ERASMUS SHORT STUDY TOURS :

Knowledge sharing, capacity building and networking for investible energy transition projects on islands



HOSTED by the Port Authority of the Strait of Messina



Country : Italy, Sicily - 28th to 31st, March 2023



Topics:

Decarbonisation of ports activities

Clean boats



OBJECTIVES

1. Stimulate staff exchange of islands' actors
2. Encourage the exchange of best practices among islands
3. Ensure knowledge exchange between NESOI projects beneficiaries and the community
4. Support potential replications of NESOI methodology

SST PROGRAMME

Share NESOI projects best practices Legal frameworks

Forum with other project developers

Exchange with stakeholders Sites/Labs visits

Fast capacity building, EU tools hand on sessions NESOI platform

Social programme

IMPACTS

Well-shaped Investible Energy projects

Improve project Development capacity

Networking

SICILY SST - SESSION INSIGHTS

Sicily situation, energy landscape

Opportunities for inversible energy transition projects

Sicily Strait Energy Planning

Energy Planning best practices

Renewable

Clean Boats Forum

Exploring pathways to clean boats

Marine Technologies

Decarbonisation of the maritime transport



HOST

Host: Port Authority of the Strait of Messina - The Port Authority of the Strait of Messina manages 6 ports: Messina, Tremestieri, Milazzo, Reggio Calabria, Villa S. Giovanni and Saline. It is engaged in realising an integrated network of ports that serve in the mobility of 21 million passengers and 6 million cars and trucks in the area of the Strait of Messina every year.

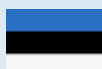
Sustainable infrastructure, operational excellence, alliances between local areas and digital transformation are the main strategic objectives for creating useful and safe infrastructures which offer efficient and easy-to-use services. These ports have always, in fact, represented the hubs of a single intermodal reality and the final link in the transport system of the European Scandinavian-Mediterranean corridor.

MAIN PARTNERS

Università degli Studi Mediterranea di Reggio Calabria – Dipartimento di Ingegneria Civile, dell'Ambiente e dei Materiali (DICEAM) is currently involved in several research projects on clean energies or carbon emission control, among others power generation from seawaves and sea water streams which will be visited during the SST. The university will also be looking forward hosting the 'Clean boat forum' of the SST.

ENEA - Dipartimento Unità per l'Efficienza Energetica (DUEE). During the SST in Sicily, ENEA will present the research activities developed together with other research institutions for the drafting of the Environmental and Energy Planning Document of the Port Authority of the Strait (DEASP). ENEA will also share works done for the island of Salina, declared 2019 Pilot Island by the European Secretariat of the Clean Energy for EU Islands: first, its Clean Energy Transition Agenda, then the 1st results of the TWEETS project, funded by NESOI and tackling the local water emergency.

CNR - Istituto di Tecnologie Avanzate per l'Energia "Nicola Giordano" (ITAE) develops and promotes innovative energy technologies capable of combining knowledge of electrochemical, catalytic and adsorption processes with the ability to design materials, components and smart innovative energy systems. For the DEASP, ITAE ensured the evaluation of energy-environmental strategies projected towards the green port of the future, introducing hydrogen as an energy vector. During the SST, ITAE will present two projects related to green boats and will host the tour at its headquarters in Messina.



**PARTICIPANTS
FROM 6
COUNTRIES**

