

New Energy Solutions Optimised for Islands



EUROPEAN ISLANDS FACILITY

D7.5: Islands staff coaching material (first part)

Authors: R2M Solution



Technical references

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List of Acronyms

Acronym	Meaning
D	Deliverable
€	Euro
DK	Denmark
EE	Estonia
EL	Greece
ES	Spain
EU	European Union
FI	Finland
FR	France
H2020	Horizon 2020 research and innovation
HK	Croatia
IE	Ireland
IT	Italy
k	Thousand
M	Million
NEF	NESOI Facility
NESOI	New Energy Solutions Optimised for Islands
PM	Project Manager
PT	Portugal
PV	Photovoltaics
Q	Quarter
SECAP	Sustainable Energy and Climate Action Plan
STT	Short Study Tour
SUMP	Sustainable Urban Mobility Plan
UK	The United Kingdom



Introduction

Context

The EU Islands Facility NESOI (New Energy Solutions Optimised for Islands) is a four-year Horizon 2020 project funded under the call topic LC-SC3-ES8-2019 (European Islands Facility - Unlock financing for energy transitions and supporting islands to develop investment concepts). It began on 1 October 2019 and will finish on 30 September 2023. It is made up of a multi-disciplinary consortium consisting of 10 partners from 7 EU member states.

The ultimate goal of the EU Islands Facility NESOI is to facilitate the decentralization of energy systems and contribute to EU policy in achieving 2030 climate targets. This will be achieved by mobilising more than 100 M€ of investment in sustainable energy projects to an audience of 2,400 inhabited EU islands and give the opportunity to test innovative energy technologies and approaches in a cost-competitive way.

To that end, NESOI aims not only to provide first-step financial support for islands energy transition investment plans and projects, but also to provide technical assistance and coaching through the NESOI experts to develop and implement energy transition plans or sustainable energy-related projects.

A major achievement by NESOI lies in the technical assistance activities conducted during the last two years (and still ongoing). Two open calls (late 2020 and early 2022) were organised by NESOI, to which 168 island energy-transition projects applied. Among them, 54 projects were selected by NESOI according to a transparent and rigorous evaluation process:

- First open call: 28 projects were initially selected (Round 1A), and 14 projects were included in the reserve list (Round 1B).
- Second open call: 12 projects were selected (Round 2).

These projects cover a great variety of topics and diverse maturity levels and are located in 11 European countries (Figure 1).



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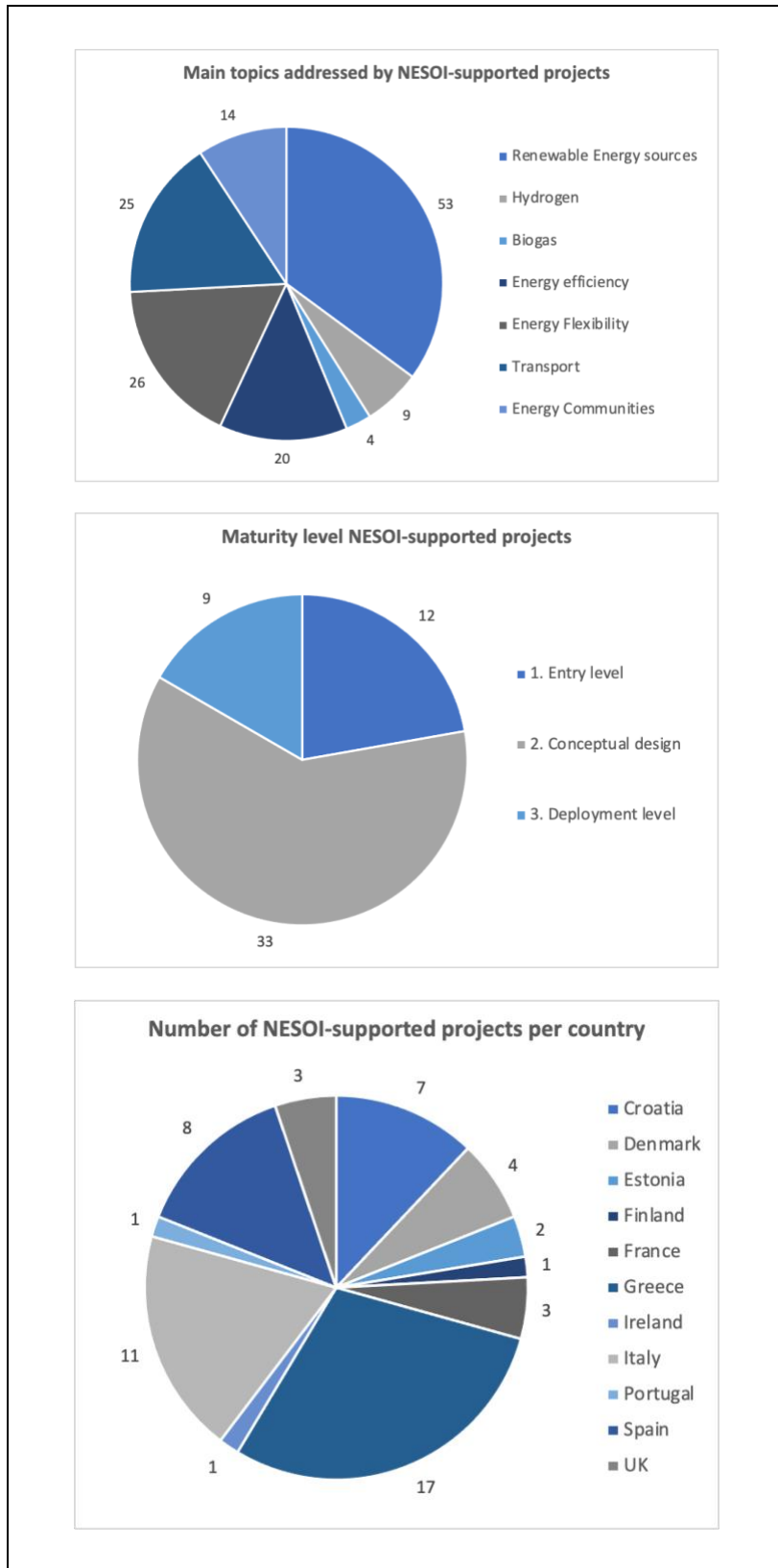


Figure 1. Topics, maturity levels and countries of NESOI-supported projects (all rounds)



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These projects have received, or are still receiving:

1. On the one hand, financial support (up to 60 k€) through the so-called “cascade funding” mechanism, in order to hire external experts complementing the technical assistance provided by NESOI experts, in particular for local and/or country-specific activities.
2. On the other hand, assistance from NESOI experts’ team, covering technical, economic, financial and regulatory aspects.

For each project, these activities were aimed to last between 6 and 12 months. In practice, for some projects, some delays have been observed. Figure 2 shows the overall, approximate timeframe of the groups of projects supported by NESOI (rounds 1A, 1B and 2).¹

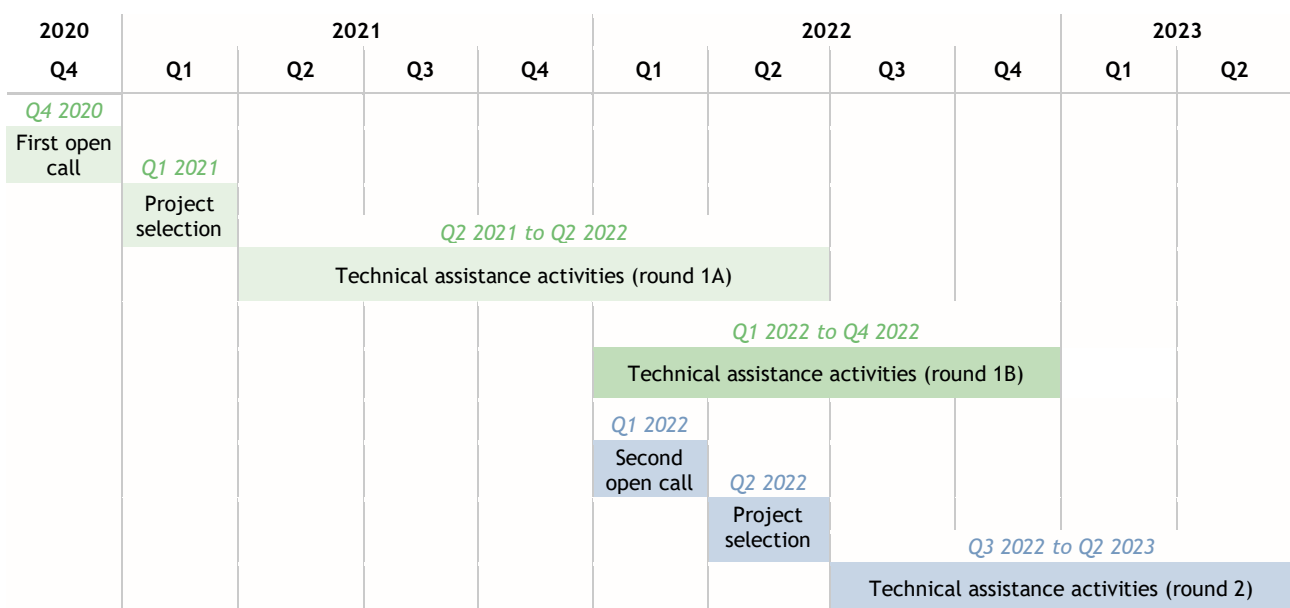


Figure 2. The overall timeframe of the projects supported by NESOI

Coaching activities

NESOI aims to supplement the initial technical assistance activities by longer-term coaching activities to ensure that NESOI beneficiaries have increased capacity for developing investible energy transition projects.

The concept is that coaching activities should not negatively interact with technical assistance activities, therefore starting lightly. All projects, from round 1A, 1B and 2 should progressively be embarked in the coaching activities when they are ready to do so.

¹ Individual, project-specific situations may not be reflected in this figure.



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The contents of the coaching activities are being built based upon:

- Mainly, experience feedback from technical assistance activities conducted with the 54 projects.
- Also, knowledge acquired in other previous activities, in particular the NESOI toolkit and methodology for islands' energy transition.

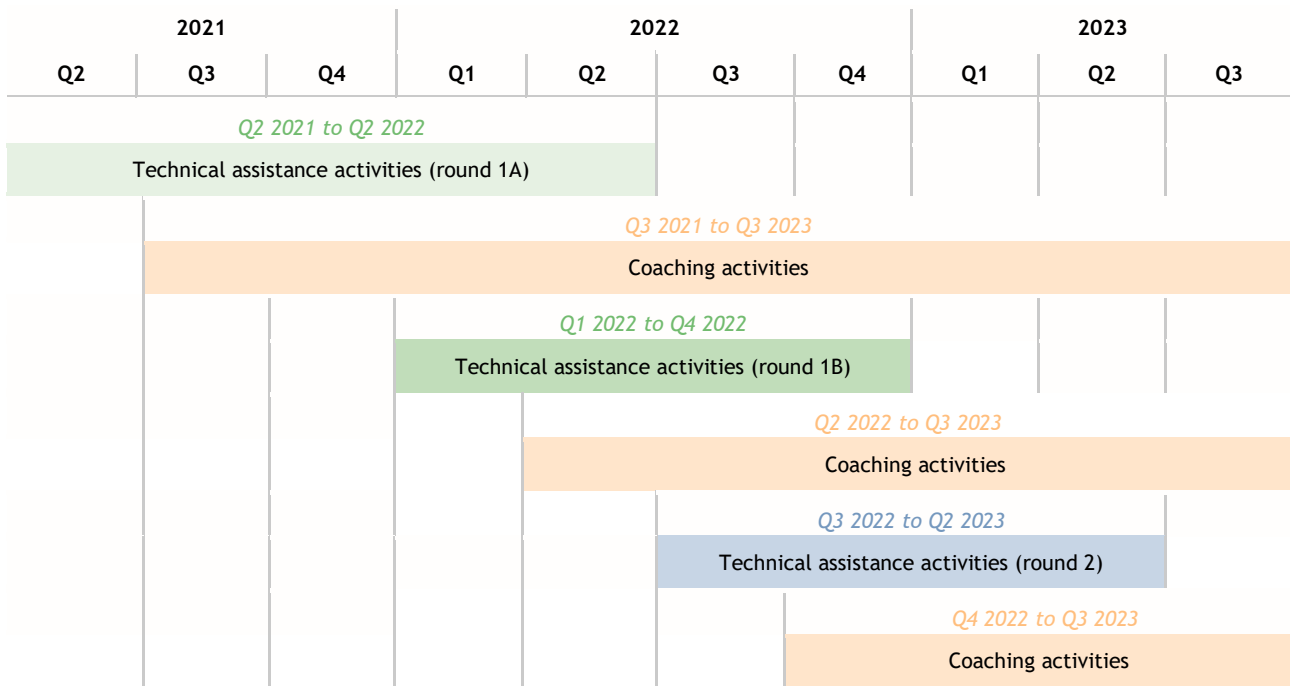


Figure 3. Articulation of technical assistance and coaching activities

Four complementary actions are conducted in the framework of these coaching activities:

1. **Individual coaching**, as a direct follow-up of the technical assistance activities, with individual contacts regularly established with each of the beneficiaries of the 54 projects supported by NESOI.
2. **Collective webinars**, allowing relevant topics to be discussed and shared amongst the beneficiaries of the projects supported by NESOI.
3. **E-learning sessions**, covering the same topics as above and reflecting the knowledge previously acquired by NESOI, and making use of the NESOI platform.
4. **The ERASMUS programme**, consisting in short study tours (STT) conducted with guests selected amongst NESOI beneficiaries and hosted by island organisations with a track record in energy transition projects.

Within the next four chapters, more details are presented regarding the contents of these coaching activities. The present deliverable will be supplemented by another report (D7.9 Islands staff coaching material - second part) that will detail the precise contents of the ERASMUS study tours and the collective webinars (currently under elaboration). Two other deliverables will, afterwards, report about the coaching activities actually conducted.

R2M Solution leads these coaching activities in which all NESOI partners are involved, according to their technical and language skills.



1. Individual coaching activities

How to approach individual coaching activities

The challenge of the individual coaching activities to be conducted for each project lies in the number of projects supported by NESOI (54). All projects need to be treated in a fair manner and, at the same time, project specificities have to be taken into account. Table 1 lists all projects supported by NESOI.

Table 1. List of projects supported by NESOI, subject to coaching activities

ROUND-1A projects		
Acronyms	Project names	Islands & Countries
SoFIA	Setup of First citizens' energy community in the Canary Islands: Adeje	Tenerife (ES)
NERIDA	Sustaining drinking water services and electromobility in insular areas by integrating grid-tied and autonomous PV power	Tilos (EL)
BEST-CT	Boosting Energy Sustainability in Transport for Catania	Sicily (IT)
RenewME	Renewable Malevizi Energy Future	Crete (EL)
SEI	Sustainable Estonian Islands	Saaremaa, Hiiumaa (EE)
SAVE	Sustainable Actions for Viable Energy	Crete (EL)
FossilFree Samsoe	Support to the 'fossil-free island' process in SamsOH, Denmark	Samso (DK)
e-LAFITI	Feasibility study for electric solar boat transportation to Elafiti	Elafiti (HR)
CARING	Clean energy initiatives targeted to small islands	Îles aux Moines (FR), Inishbofin (IE), Nagu (FI), Fur, Venø (DK), Ulva (UK)
HPS	Hydroelectric Pumping Storage	Sardinia (IT)
FECOS	Fair Energy Communities	Sicily + Salina (IT)
SOLAR Islands	Community-Supported Energy: A Step to Community SOLAR Islands	Korčula, Cres-Losinj (HR)
SECAP 4 KRK	Island of Krk SECAP for all	Krk (HR)
E(40)Sco	Energy efficiency in 40 Schools Supports Community	Sardinia (IT)
GRenPLightC	Global renovation of public lighting in Corsica	Corsica (FR)
D.O.C.K.S.	Development Of Consistent Key strategy of the Strait port system	Sicily (IT)
SCGM NaKou	Smart, clean and green marinas in Naxos and Koufonisi	Naxos, Ano Koufonisi (EL)
CEL-EBRe	Local Energy Community Energia Bonita y Renovable	La Palma (ES)
GO(H2)ME	Green Orkney Hydrogen Market Expansion	The Orkney Islands (UK)
ARINDEC-GRANCANARIA	Industrial Energy Community powered by Renewable Energies in the Arinaga Industrial Area (Gran Canaria Island)	Gran Canaria (ES)
WiRe-K	Wind turbine repowering in Kythnos	Kythnos (EL)



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JEDI	Just clean energy transition of Diapontia Islands	Othonoi, Ereikoussa, Mathraki (EL)
DGReS-Aegean	Decarbonization of Generation and Resilience of Security of Power Supply in an autonomous North-Aegean Archipelago	Chios, Psara, Oinousses (EL)
FESOL	Feasibility study for energy storage and solar energy in Lipari	Lipari (IT)
TESLA	Transport electrification on sea and land in Antiparos	Antiparos (EL)
ENERSIK	Energy planning for clean energy transition for Ikaria	Ikara (EL)
ZEN	Zero emissions Nisyros	Nisyros (EL)
SOLAR ISLAND TENDER	Preparation of tender documentation for a large non-integrated photovoltaic power plant on the islands	Krk (HR)

ROUND-1B projects		
Acronyms	Project names	Islands
wind@coast 2bornholm	Preparations for establishing Bornholms Havvind 100 MW coastal wind park at Bornholm	Bornholm (DK)
NEPTUNUS	Wave energy potential and in-depth analysis for the realization of a wave energy power station on Halki island	Halki (EL)
BATEEIRO	BoAT ElEctrification for the decarbonisation of the fishing sector at the Island of aROusa	Illa de Arousa (ES)
CREATOR	Floating solar power generation for cleaner water system operation on Cres-Lošinj archipelago	Cres (HR)
B-IOS	Promoting green and circular economy through biomass exploitation in Ios	Ios (EL)
RACETRACE	EneRgy plAnning for Clean Energy Transition for SamothRACE	Saothrace (EL)
RENEWDAMMUSI	Renewable and energy efficient solutions for local dwellings dammusi	Pantelleria (IT)
DEWITEN	Public Irrigation Service Decarbonization Energy Plan for the Island of Tenerife	Tenerife (ES)
CIET	Capri Island Energy Transition	Capri (IT)
GHEKO	Green Hydrogen Ecosystem on Kos Island	Kos (EL)
BIOG-LEMNOS	Promoting green and circular economy through Biogas exploitation in Lemnos	Lemnos (EL)
CLER Illa de Arousa	Local energy community of A Illa of Arousa	Illa de Arousa (ES)
ENERRAS	Energy planning for clean energy transition for Astypalea	Astypalea (EL)
CETFA	Clean Energy Transition for Fournoi Archipelago	Fournoi (EL)

ROUND-2 projects		
Acronyms	Project names	Islands
H2AzoRES	H2 in Azores to enhance a green and RES-powered transition	S. Miguel, Santa Maria (PT)
FARDEMO	FARDEMO Guadeloupe	Guadeloupe (FR)
T.W.E.E.T.S	solving The Water EmergEncy on The island of Salina	Salina (IT)
AMAZE	Archipelago of Mull Actions for Zero Emissions	Mull, Iona, Ulva, Gometra, Erraid, Inch Kenneth (UK)
CHyAO	Comprehensive Hydrogen Applications On island	Ventotene (IT)
REAL2.0	REMOTE @ La Aldea 2.0	Gran Canaria (ES)
POSIDON	DeveloP feasibility studies to maximixe the sOLar reSource, in a context of smartgrIDs and lOCal eNergy communities	Menorca (ES)
GEO-LESVOS	Clean energy transition of West Lesvos through the exploitation of the rich geothermal potential of the island	Lesvos (EL)



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SMOSolarProcess	From municipal waste to clean Hydrogen on Cres-Lošinj Archipelago in Croatia	Cres-Lošinj archipelago (HR)
EFF	Energetic fish farm	Saaremaa (EE)
Make it “SIMPLE”	Small islands making progress as leaders in energy sustainability	Lastovo (HR)
SIF	Sustainable Island Ferries to Sejerø and Nexelø	Sejerø, Nexelø (DK)

In addition, the coaching activities should not interfere with the technical assistance activities provided by NESOI, in which several partners are already involved (covering the project management, technical, eco-fin and legal aspects). It should be avoided to generate any confusion of NESOI beneficiaries between technical assistance activities, coaching activities and exploitation activities, the latter corresponding to the preparation of the post-H2020 funding activities.

Therefore, individual coaching activities, for each project, consist in the following: establishment of preliminary contacts, interview campaign to better assess the needs of NESOI beneficiaries and provision of tailored advice to each beneficiary.

Preliminary contacts

Some preliminary contacts which were established with the beneficiaries soon after the signature of their subgrant agreement and the launch of technical assistance activities. At this occasion, project briefs have been prepared by R2M Solution, with the validation of NESOI project managers (PMs) leading the technical assistance activities and of NESOI beneficiaries.

These briefs served not only the communication between NESOI beneficiaries and NESOI partners, but also for external communication activities.

Figure 4 (next page) presents a selection of project briefs, amongst the 54 that have been elaborated. All project briefs can be found on NESOI’s website.²

² See <https://www.nesoi.eu/content/projects-briefs>



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The figure displays 12 project briefs for NESOI (New Energy Systems Optimised for Islands) projects. Each brief is structured as follows:

- Header:** NESOI logo and project title.
- Introduction:** A short paragraph describing the project's goal and its relevance to the island.
- Project Details:** A table listing Country, Island, Project promoter, Sector, and Project value.
- What is the project about?:** A detailed description of the project's objectives and scope.
- How will the EU Islands Facility NESOI support the project?:** A list of support activities provided by NESOI.
- Footer:** NESOI contact information and a note about funding from the European Union's Horizon 2020 research and innovation programme.

The projects featured are:

- BATEIRO:** Boat Electrification for the decarbonisation of the fishing sector at the Island of Arousa (Spain).
- SCGM NaKou:** Smart, clean and green marinas in Naxos and Koufonisi (Greece).
- GRenPLiGtC:** Global renovation of public lighting in Corsica (France).
- D.O.C.K.S.:** Development Of Key Strategy of the Strait port system (Italy).
- e-LAFITI:** Feasibility study for electric solar boat transportation to Elafiti (Croatia).
- CARING:** Clean energy initiatives targeted to small islands (Cyprus).
- REAL2.0:** REMOTE @ La Aldea 2.0 (Spain).
- H2Azores:** H2 in Azores to enhance a green and RES-powered transition (Portugal).
- B-IOS:** Promoting green and circular economy through biomass exploitation in Ios (Greece).
- SEI:** Sustainable Estonian Islands (Estonia).

Figure 4. Selected one-page project briefs



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Interview campaign

An interview campaign started in Spring 2022 with selected round-1A projects, and progressively extended to other projects.

An interview canvas was prepared, and a procedure established to schedule, track, and process the interviews. The interview canvas in English can be found in **Annex 1**. It was translated into Greek, Italian, Spanish, Croatian and French.

Interviewers are being nominated according to language skills: when possible, interviews are conducted in the NESOI beneficiaries' native language. In addition, we are allocating (as much as possible) interviews to NESOI partners other than the NESOI project managers' organisations in order to give a new eye to each project. **Annex 2** provides the list of NESOI beneficiaries which have already been interviewed, at the time of writing the present report, and the corresponding interviewers' organisations.

As previously, the purpose is to serve coaching activities in order to identify the needs of NESOI beneficiaries, and at the same time, to use some of the material from the interviews for external communication and dissemination activities with the development of detailed project brochures (see examples in Figure 5).

From a coaching perspective, the following questions are being asked to NESOI beneficiaries:

- What would you identify as your strengths and weaknesses when setting up your project? Do you feel comfortable with all the aspects of the project (technical, economic, business modelling...)?
- Would you be interested in sharing best practices and lessons learnt with sister projects (for instance from the same geographic area)?
- What will be done next to pursue this project? Which support would you need?
- What are your next steps towards clean energy transition? (other projects?)
- Would you need support to develop new projects and/or reach investors?
- We have reached the end of the interview. Is there anything else you would like to share with us?

The first outcomes of the interview campaign, delivered from mid-2022, have contributed to defining the contents of the collective coaching activities (see next chapters).

The interview campaign will run until mid-2023 and will cover all projects supported by NESOI (including round-1B and round-2 projects).



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Figure 5. Two examples of detailed, four-page project brochures

Tailored advice

NESOI beneficiaries will receive tailored advice regarding the collective coaching activities they should participate in.

Each NESOI beneficiary will be oriented towards relevant collective webinars and e-learning material addressing relevant topics.

In addition, they will be informed and encouraged to participate in the ERASMUS programme (see next chapters).

Such tailored advice will be reported in upcoming deliverables.



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2. Collective webinars

The collective webinars are a 1h 45 min recorded session designed to give visibility to the collaborations and reports born from the NESOI project technical support. These webinars also aim at guiding the NESOI community made of project beneficiaries and project followers on their path to replication. After edition, the final video file will be stored on the NESOI Facilitating (NEF) platform and become an e-learning resource (see Chapter 3).

Identifying the topics to be addressed by each webinar

In September 2022, 5 technical focus groups were created in the framework of NESOI technical assistance activities (see Figure 6):

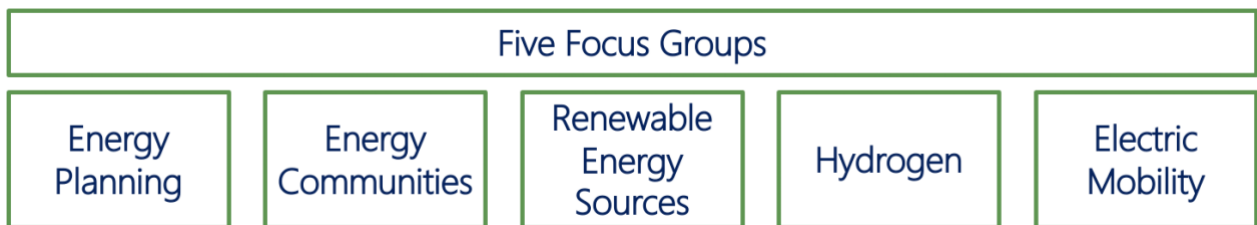


Figure 6. Topics covered by technical assistance activities' focus groups

The activities within each technical focus group aim to capitalise the learnings developed in the 50+ technical assistance projects supported by the NESOI partners. The focus groups will:

- share technical, financial and legal expertise of partners on different topics relevant to islands' energy transition,
- cooperate to solve issues and identify solutions leveraging on experience developed in the first set of projects.

Logically, the topics of the focus groups will be addressed by one collective webinar each.

Scheduling the webinars

Mid-September 2022 the Energy Planning focus group started their activities. With approx. 10 projects in this topic finalised, the Energy Planning group is in a good position to start the series of collective webinars. This first coaching webinar will be held by the end of October 2022 (exact date to be set). The agenda of the webinar should cover SECAP, SUMP and port-level energy planning to be as complete as possible. The detailed webinar agenda will be prepared with the focus group.

The other technical focus groups should start to meet in the coming weeks. A similar approach will be implemented to put the next webinars on track. In total, a minimum of 4 webinars will be held by the end of the NESOI project, one per month until January 2023 (see Figure 7). Since round-2 projects are more focused on innovative technologies and



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hydrogen in particular, ideally a 5th webinar focusing on hydrogen will be held in February 2023 depending on the maturity of these initiatives.

Year	2022																																							
Month	June				July				August				Sept.				Oct.				Nov.				Dec.				Jan.				Feb.							
Week nb.	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8			
COACHING WEBINARS	Identification topics & speakers, scheduling																Coordination with WP4 focus groups																							

Figure 7. Provisional schedule of the coaching webinars activity

Webinars draft agenda and responsibilities

The webinar session will be chaired by the head of the technical focus group and the NESOI project managers of the projects associated with each topic will be invited, whether to present some project results, or to recommend a beneficiary able to present the project.

The collective webinars aim at encouraging the replication of similar projects to the ones supported by NESOI. During the collective webinar, some time will be dedicated to recommending replication pathways.

Here below is the structure of the agenda (left) and responsibilities (right) shared as starting point for discussion with the focus groups members:

- | | |
|-----------------------------|--------------------------------------|
| INTRODUCTION | By the head of the focus group |
| I. METHODOLOGY | By NESOI standardisation team member |
| II. NESOI PROJECTS FEEDBACK | By NESOI PMs or beneficiaries |
| III. REPLICATION PATH | By NESOI replication leader |
| IV. DISCUSSION AND Q&A | Moderated by focus group team member |
| WRAP UP | By the head of the focus group |

The detailed agenda of each webinar will be reported in an upcoming deliverable.



3. E-learning sessions

The e-learning module of the NEF platform

The NESOI Facilitating (NEF) web-platform, currently under development, includes an e-learning component to host informational and educational content relevant to the sector, the technologies and other sources.

Table 2 lists the categories that have been elaborated by the NESOI consortium in order to facilitate the navigation of the NEF users in the e-learning module. When choosing one of these categories, NEF users will see relevant contents as described below.

Table 2. Categories available on the e-learning module of the NEF platform

Macro categories	Categories	Macro categories	Categories
Renewable Energy sources	Solar Photovoltaic Energy	Energy Communities	Energy Communities
	Solar Thermal Energy	Governance, Finance and Regulations	Business models
	Wind Energy		Regulations
	Hydro Energy		Funding
	Marine Energies		Tendering
	Geothermal Energy	Planning	Energy transition plan
	Biomass		Mobility transition plan
	Waste	Countries	Croatia
Energy vectors	Heating & Cooling		Denmark
	Hydrogen		Estonia
	Biogas		Finland
Energy efficiency	Building renovation		France
	Public lighting		Germany
	Energy management of water systems		Greece
Energy Flexibility	Energy Storage		Ireland
	Energy Management		Italy
Specific areas	Ports		Portugal
	Industrial parks	Spain	
	Small islands	UK	
Transport	Mobility at sea		
	Mobility on land		



Elaborating e-learning material

The elaboration of e-learning material to be made available on the NEF platform, for the benefit not only of NESOI beneficiaries but also of anyone interested in islands' energy transition, is based on different kinds of knowledge elements:

Projects supported by NESOI

The description of the projects supported by NESOI will be provided on the e-learning module of the NEF platform. To do so, the project briefs (Figure 4) and the detailed project brochures (Figure 5) will be made available to the NEF platform users under relevant categories. One single project belongs to at least two categories (main sector and country), but possibly to a higher number of different categories as most projects supported by NESOI address several topics (for instance PV and energy communities).

Existing knowledge previously developed by NESOI

The NESOI consortium has already elaborated various reports and acquired considerable pieces of knowledge, for instance when elaborating the NESOI toolkit and methodology for islands' energy transition and when conducting technical assistance activities.

These pieces of knowledge have great value for stakeholders active in islands' energy transition and deserve to be packaged and categorised in order to be easily accessible to the public. The NESOI consortium is therefore working on splitting each of these deliverables into distinct parts corresponding to a specific topic and shaping those as short, easy-to-read lessons in the form of slides. This is illustrated by Table 3 which shows how selected NESOI deliverables can be split into focused lessons. Other NESOI deliverables will be treated in the same manner.

The resulting e-learning material will include a clear disclaimer stating the date at which the analyses were conducted in order to take into account the dynamic nature of these pieces of knowledge.

Table 3. Preliminary list of existing NESOI deliverables and corresponding e-learning material

NESOI deliverable		e-learning material to be developed for the NEF
D1.4	Regulations and sustainable business models on islands	Regulatory and market design analysis for islands. National showcase: FRANCE
		Regulatory and market design analysis for islands. National showcase: ITALY
		Regulatory and market design analysis for islands. National showcase: SPAIN
		Regulatory and market design analysis for islands. National showcase: CROATIA
		Regulatory and market design analysis for islands. National showcase: GREECE
		Regulatory and market design analysis for islands. National showcase: GERMANY
		National procedural assessments



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NESOI deliverable		e-learning material to be developed for the NEF
		Sustainable business models
D4.2	Technical Assistance Standardisation	How to develop tender documents
		How to structure an Energy Transition Agenda
		How to structure a Sustainable Urban Mobility Plan
		How to develop a due diligence of an investment project
		How to develop a Business Plan / Info Memo
		How to structure a feasibility study for a PV plant
		How to structure a feasibility study for a hydroelectric plant
		How to structure a feasibility study for a wind farm
		How to structure a feasibility study for a Power-to-Hydrogen-(to-Power) facility
		How to structure a feasibility study for a Storage or Load Balancing facility
D1.3	Critical technologies for islands' energy transition	A review of marine technologies
		A review of solar PV systems
		A review of wind energy systems
		A review of biomass and biogas systems technologies
		A review of hydropower systems
		A review of geothermal systems
		Electric mobility technologies
		Public lighting technologies
		Building retrofitting approaches
		Energy storage technologies

Material from NESOI webinars and study tours

The presentations prepared for NESOI collective webinars (see Chapter 2) and study tours (see Chapter 4) will be made available on the NEF platform, under the corresponding categories.



Material from sources other than NESOI

Relevant sources of information include:

- **The Clean Energy for EU Islands secretariat:** some material published by the secretariat would be highly relevant to NEF users, such as [From vision to action : how to tackle transition on EU islands? Methodological handbook](#) and the [Technology solutions booklet](#).
- **H2020 projects dealing with the energy transition of geographical islands** such as [SMILE](#), [IANOS](#), [INSULAE](#), [REACT](#), [ROBINSON](#), [MAESHA](#), [GIFT](#) and [ISLANDER](#): the material published by these projects will be checked and any relevant training material will be made available on the NEF platform under the corresponding categories.
- [Islands and Energy Islands in the EU Energy System](#): Study focused on promoting the energy transition in European islands by reviewing their energy systems, analysing R&I initiatives related, and reviewing their policy situations to provide future recommendations about power systems.
- ⊘ [Transforming Small-Island Power Systems](#) (IRENA): The focus of this guide is primarily on technical issues on the integration of renewable energy on islands.
- ⊘ [Energy Transition Initiative \[Islands \(Playbook\)\]](#): Guide oriented to actions related to the initiation, planning and development of the energy transition in islands based on the independence of imported fuels and the use of local energy systems.
- ⊘ [EU Islands: Towards a Sustainable Energy Future](#): This report examines power generation in EU islands. It provides insights into the status quo of power supply and demand, looks into the regulatory framework, highlights best practice and presents solutions towards sustainable energy systems for islands. The report is based on the expertise, experience and contributions of EURELECTRIC's Network of Island System Managers (NEIS).

Designing an e-learning programme for each NESOI beneficiary

Once a significant amount of e-learning material has been elaborated and made available on the NEF platform, a specific e-learning programme will be designed for each NESOI beneficiary, depending on their ongoing activities, needs and prospects as expressed in the interview campaign (see Chapter 1 on individual coaching activities).



4. ERASMUS programme (short study tours)

ERASMUS Short Study Tour (STT) Concept

Among the coaching activities, one consists in organising a 3 to 4 days STT during which lessons learnt and best practices will be exchanged between islands stakeholders on a given topic. One of them (a NESOI beneficiary or a close technical partner) would be the “host”, and the other participants would be the “guests” selected through an open call. 3 topics will be explored through 3 hosts in 3 island destinations, making sure that both northern and southern European islands will be represented.

To make the STT as meaningful as possible, the topics to be explored are aligned with the technical assistance focus groups topics (see Figure 6).

In total, 3 ERASMUS STT will be held by the end of spring 2023 (see Figure 8). Two are scheduled in Southern Europe in March 2023 (before the Easter break and at the beginning of the summer holiday season): the first one will take place in Greece, on Astypalaia island, and the second one in Italy, on Sicily. Regarding Northern Europe, the third STT will be held in May, when the weather is good enough to travel in Scotland (UK).

Year	2022										2023																													
Month	Sept.					Oct.					Nov.					Dec.					Jan.				Feb.				Mar.				Apr.				May			
Week nb.	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
ERASMUS	Select. hosts																																							
	ST pre-programme																																							
	Call for applicants (guests)																																							
											Selection				Preparation				ST-G Southern Europe				ST-IT				Northern Europe ST-UK													

Figure 8. Provisional schedule of the ERASMUS STT programme

STT Budget

As agreed with NESOI partners and discussed with the EC project officer, it was decided to fund the STT as follows:

- **Hosts:** each of the 3 hosts will receive a compensation for the costs incurred to organise the STT: logistics, meals, transport.
- **Guests** will be selected by an open call based on transparent selection criteria and will receive a financial compensation from NESOI’s cascade funding budget. The compensation will consist in a lump sum to cover their transportation and accommodation/food costs estimated based on their initial location and the island of destination.

The precise compensation for guests will be detailed in the open call in a transparent manner and will be reported in an upcoming deliverable.



Hosts' selection

NESOI partners were invited to build a shortlist of potential hosts with a track record in various aspects of the energy transition. Based on these propositions, 3 hosts were pre-selected by NESOI, representing a fair choice in terms of geographical balance and topics covered. Bilateral discussions were engaged with each of them and quite quickly they confirmed their interest in hosting a NESOI STT.

Table 4 shows the location and names of the confirmed hosts, together with the topic(s) to be addressed during the STT.

Table 4. Location and topic treated proposed by the 3 voluntary hosts

Country	Island	Host + Partners	Topic(s)
Greece	Astipalaia	<u>Dafni</u> + Astipalia Municipality	Energy Community and RES installations (e-mobility, solar)
Italy	Sicily	<u>Port Authority of Messina</u> + ENEA + CNR	Clean ports and boats
The UK (Scotland)	The Orkney Islands	<u>EMEC</u> + PlusZero	Green H2 and marine renewable energy (wave, tidal)

By accepting to be a NESOI STT host, the organisations confirmed that they will make available the following to the NESOI partners in charge of the STT organisation:

1. A venue = a meeting/working room for about 15 to 20 persons with projection and videoconference equipment.
2. Technical content for the course (part of the technical content could also be supported by other NESOI projects working on the same topic, in that case a remote presentation from this partner will be planned).
3. A minimum of one site visit.
4. The needed transportation to the site visit(s).
5. A site visit(s) guide.
6. Support to arrange hotel accommodation and food during the tour.

Following the provisional schedule, we are now in the process of finalising the agendas of the 3 STT, collaborating with the 3 hosts and their partners. The detailed programme of each STT will be shared in the call text of the call for guests (see next paragraph).



Guests' selection

The NESOI STT guests will be selected through a two-month open call process accessible via the NEF platform.

The selection criteria applying to the guests are currently under elaboration. For each topic the aim is to select participants with the highest replication potential.

Following the provisional schedule, we are in the process of finalising the selection criteria and the text of the open call for guests.

This will be reported in an upcoming deliverable (D7.9 Islands staff coaching material - second part).



Conclusion and next steps

NESOI coaching activities have started slightly later than initially planned in order not to negatively interfere with technical assistance activities. This has allowed us to take the time to better understand the NESOI beneficiaries' needs thanks to a broad interview campaign launched in mid-2022.

NESOI coaching activities are built upon complementary pillars and consist of a combination of individual and collective activities. The ERASMUS short study tours scheduled in 2023 will be the highpoint of these activities.

Within the project's upcoming deliverables dedicated to coaching activities, we will:

- Detail the programme of the ERASMUS study tours.
- Report from individual coaching activities.
- Report from collective webinars and ERASMUS study tours.
- Assess the impact of the e-learning material published on the NEF platform.

The analysis of coaching activities' outcomes will also provide useful insights in the definition of post-project activities in the framework of the project's Exploitation and Replication work as illustrated by Figure 9.

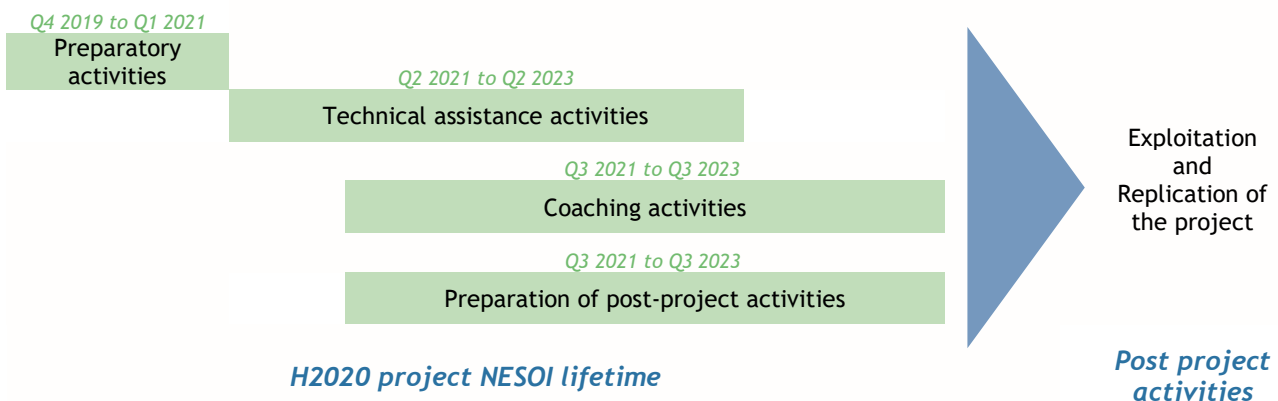


Figure 9. Coaching activities, a bridge between NESOI project activities and post-project exploitation and replication activities



Annex 1: Canvas for the interview campaign

INTRODUCTION

Thank you very much for accepting this interview. It pursues the following objectives:

- *Understand your needs for further support and training after the technical assistance activities are finished. Such support and training aim to help you realise this project but also possibly other energy transition projects you may have.*
- *Understand the replication criteria of your project, for instance in other islands or possibly on the mainland.*
- *Create communication material about this project and NESOI support.*

You may not be able to answer every question. This is not a problem. We wish to have an informal discussion with you: some questions might remain unanswered, and you are welcome to express any remark in addition to the topics addressed by our questions.

A summary of the most relevant and publishable aspects of this interview will be included in NESOI communication material. We'll ask you to validate this summary, and we plan to include your name and your picture, provided you agree.

Any illustrative picture from the project is also welcome to contribute to the elaboration of our communication material.

YOUR PROJECT

QUESTION 1. Genesis of the project: What problem(s) was your project designed to solve? Who initiated the project? Why choosing this specific technology / sector?

QUESTION 2. What are the challenges faced by the project? How does NESOI help overcome them?

QUESTION 3. How does the project impact citizens locally? How are they involved?

QUESTION 4. What would you identify as your strengths and weaknesses when setting up your project? Do you feel comfortable with all the aspects of the project (technical, economic, business modelling...)?

QUESTION 5. How does the project affect stakeholders/companies at the local level? How are they involved?

NEXT STEPS FOR THIS PROJECT AND POSSIBLY OTHER PROJECTS IN YOUR ENERGY TRANSITION STRATEGY

Before asking questions about your next steps, I would like to present you what we have in mind regarding the support we can offer following the technical assistance activities. You can then tell us whether it can be useful to you.

We are currently supporting 28 projects, and the same number of projects are currently starting or in the process of being selected. So we support more than 50 projects in total.

We'll make use of similarities and complementarities between these projects to group them and address relevant topics with each group. Groups (which would be non-mutually exclusive) may be set up according to:



D7.5: Islands staff coaching material (first part)

- *the technologies or topics addressed by projects (for instance: group on energy communities; group on clean mobility, etc.);*
- *the level of maturity of the projects (for instance: group on feasibility studies);*
- *geographical aspects (for instance: groups of islands in the same country)*

The following capacity building activities could be developed - depending on the needs expressed during this interview campaign:

- *How to develop an Energy Transition Agenda*
- *How to develop a Sustainable Urban Mobility Plan*
- *How to conduct a Feasibility study (for different technologies)*
- *How to elaborate a Business plan / Info memo, how to make it evolve according to changes in the project*
- *How to prepare Tender documents*
- *How to apply to EU programmes (e.g. Invest-EU programme)*
- *How to identify other public investors*
- *How to identify and reach private investors*
- *How to launch a crowd-funding campaign*
- *How to pitch your project including financial aspects*

These topics would be addressed through dedicated and short webinars involving experts in the field. Material will be published on the NESOI platform (e-learning module) and will include some translated versions to make it easier for everyone.

We will ask the most mature projects to contribute to the elaboration of such learning material by providing concrete examples and experience feedback in order to help the less mature projects.

QUESTION 6. Would you be interested in sharing best practices and lessons learnt with sister projects (for instance from the same geographic area)?

QUESTION 7. What will be done next to pursue this project? Which support would you need?

QUESTION 8. Within your views, where could this project be replicated? (replication criteria in other islands or possibly on the mainland?)

QUESTION 9. What are your next steps towards clean energy transition? (other projects?)

QUESTION 10. Would you need support to develop new projects and/or reach investors?

We have reached the end of the interview. Is there anything else you would like to share with us?

Thank you very much for your participation.

We will send you shortly the publishable summary of the interview for your validation.

In the meantime, please send us a picture of you and if possible, some pictures illustrating the project.



Annex 2: Interviews conducted by NESOI

Project		Title	Islands	Countries	NESOI project manager's organisation	Interviewer's organisation	Date of the interview
Z-006	ZEN	Zero emissions Nisyros	Nisyros	EL	CERTH	HAEE	<i>To be scheduled</i>
Z-017	SoFIA	Setup of First citizens' energy community in the Canary Islands: Adeje	Tenerife	ES	CIRCE	DEL	<i>To be scheduled</i>
Z-034	NERIDA	Sustaining drinking water services and electromobility in insular areas by integrating grid-tied and autonomous PV power	Tilos	EL	CERTH	HAEE	<i>To be scheduled</i>
Z-049	BEST-CT	Boosting Energy Sustainability in Transport for Catania	Sicily	IT	SINLOC	RINA-C	23 May 2022
Z-051	RenewME	Renewable Malevizi Energy Future	Crete	EL	CERTH	HAEE	29 August 2022
Z-052	SEI	Sustainable Estonian Islands	Saaremaa, Hiiumaa	EE	E.ON	R2M	30 May 2022
Z-056	SAVE	Sustainable Actions for Viable Energy	Crete	EL	CERTH	HAEE	5 May 2022
Z-060	FossilFree Samsøe	Support to the 'fossil-free island' process in Samsø, Denmark	Samsø	DK	RINA-C	R2M	<i>To be scheduled</i>
Z-091	e-LAFITI	Feasibility study for electric solar boat transportation to Elafiti	ELAFITI ISLANDS	HR	WOLF	WOLF	13 May 2022



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D7.5: Islands staff coaching material (first part)

Project		Title	Islands	Countries	NESOI project manager's organisation	Interviewer's organisation	Date of the interview
Z-113	CARING	Clean energy initiatives targeted to small islands	Îles aux Moines, Inishbofin, Nagu, Fur, VenOH, Ulva	DK, FI, FR, UK, IE	SINLOC	R2M	<i>To be scheduled</i>
Z-114	HPS	Hydroelectric Pumping Storage	Sardinia	IT	R2M	R2M	4 May 2022
Z-119	FECOS	Fair Energy Communities	Sicily + Salina	IT	SINLOC	RINA-C	4 May 2022
Z-121	SOLAR Islands	Community-Supported Energy: A Step to Community SOLAR Islands	Korçula, Cres-Losinj	HR	WOLF	WOLF	<i>To be scheduled</i>
Z-129	SECAP 4 KRK	Island of Krk SECAP for all	Krk	HR	WOLF	WOLF	21 July 2022
Z-133	E(40)Sco	Energy efficiency in 40 Schools Supports Community	Sardinia	IT	SINLOC	R2M	<i>To be scheduled</i>
Z-144	GRenPLightC	Global renovation of public lighting in Corsica	Corsica	FR	R2M	R2M	25 May 2022
Z-156	D.O.C.K.S .	Development Of Consistent Key strategy of the Strait port system	Sicily	IT	RINA-C	R2M	8 August 2022
Z-173	SCGM NaKou	Smart, clean and green marinas in Naxos and Koufonisi	Naxos, Ano Koufonisi	EL	RINA-C	HAEE	23 May 2022
Z-174	CEL-EBRe	Local Energy Comunity Energia Bonita y Renovable	La Palma	ES	CIRCE	DEL	<i>To be scheduled</i>
Z-175	GO(H2)ME	Green Orkney Hydrogen Market Expansion	The Orkney Islands	UK	RINA-C	R2M	2 June 2022



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D7.5: Islands staff coaching material (first part)

Project		Title	Islands	Countries	NESOI project manager's organisation	Interviewer's organisation	Date of the interview
Z-176	ARINDEC-GRANCANARIA	Industrial Energy Community powered by Renewable Energies in the Arinaga Industrial Area (Gran Canaria Island)	Gran Canaria	ES	CIRCE	DEL	3 May 2022
Z-177	WiRe-K	Wind turbine repowering in Kythnos	Kythnos	EL	CERTH	HAEE	10 May 2022
Z-181	JEDI	Just clean energy transition of Diapontia Islands	Othonoi, Ereikoussa, Mathraki	EL	CERTH	HAEE	20 May 2022
Z-193	DGRoS-Aegean	Decarbonization of Generation and Resilience of Security of Power Supply in an autonomous North-Aegean Archipelago	Chios, Psara, Oinousses	EL	CERTH	HAEE	12 May 2022
Z-203	SOLAR ISLAND TENDER	Preparation of tender documentation for a large non integrated photovoltaic power plant on the islands	Krk	HR	WOLF	WOLF	<i>To be scheduled</i>
Z-207	FESOL	Feasibility study for energy storage and solar energy in Lipari	Lipari	IT	SINLOC	RINA-C	<i>To be scheduled</i>
Z-245	TESLA	Transport electrification on sea and land in Antiparos	Antiparos	EL	CERTH	CERTH	4 May & 13 June 2022
Z-246	ENERSIK	Energy planning for clean energy transition for Ikaria	Ikaria	EL	CERTH	HAEE	1 June 2022



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