Transferable Solution Sheet

Identification of a Transfer Opportunity for the ETU Call · Key information for potential takers

Green living areas | Interreg Euro-MED | Co-funded by the European Union | ECOSYSTEMIC TRANSITION HUB ETU

PROJECT ACRONYM

EnerCmed

Full project title

Testing energy-community & climate-resilient integrated paradigm for carbon neutrality and energy poverty shielding in MED city-port hinterlands

TRANSFERABLE SOLUTION TITLE

Feasibility Scan Tool for Renewable Energy Communities and NBS

Self-assessment of the readiness of renewable energy community projects

THEMATIC AREA

Green energy systems · Community engagement

SOLUTION TYPE

Online feasibility scan within a methodological framework

CHALLENGE ADDRESSED

Energy communities against energy poverty in port hinterlands

SPECIFIC OBJECTIVE

2.4 · Climate change adaptation and risk prevention

1 Solution Overview

Territorial challenge addressed

Vulnerable port-hinterland neighbourhoods face energy poverty and heat islands, while complex rules and technical, financial and governance barriers slow energy communities.

Description of the solution

Online self-assessment of a planned REC or self-consumption scheme (SCS): 12 criteria on social engagement, policy and regulation, PV design, monitoring, maintenance, digital management and climate risk (UHI).

Documents and links

Feasibility Scan Tool (online form)
Framework for RECs, ToR D1.3.1 (PDF)
ETU solution page

Primary target users

Local authorities and stakeholders promoting RECs and self-consumption schemes.

2 Replicability and Adaptation Potential

Potential applications

Screening a planned REC or SCS before detailed design: each criterion is rated Adequate, Good or Excellent against a minimum level. The framework's four checklists then guide engagement, technical, legal and NBS work. Piloted in Genoa, Valencia, Patras, Pula and Novigrad.

Suitable territorial contexts

Urban areas and ports, especially vulnerable neighbourhoods in port hinterlands. REC rules depend on national transposition (IT, ES, HR, EL covered).

3 Mentoring and Technical Support Offered

Giver ticks the schemes offered

FULL TAKER MENTORING SCHEME *X Offered by the giver (type X)*

Potential mentoring activities and materials

Materials: the Feasibility Scan and the EnerCmed framework (ToR D1.3.1), including four checklists and examples from the pilot areas. Support during the six-month mentoring period will cover use of the scan, interpretation of results and discussion of local priorities. Activities will be agreed according to takers' needs and available project resources.

Indicative outcomes and outputs

A completed Feasibility Scan and identification of local strengths, gaps and priorities for further development. Support covers guidance and knowledge exchange. Detailed design and implementation are outside its scope. Access to the online version will follow its release.

SOFT TAKER MENTORING SCHEME *X Offered by the giver (type X)*

Potential mentoring activities and materials

Participation in a knowledge-exchange activity presenting the EnerCmed approach, the Feasibility Scan and selected pilot experiences. Relevant project materials will support questions and discussion.

Indicative outcomes and outputs

An understanding of the EnerCmed approach and its potential relevance to the participant's territory.

4 Requirements for Transfer

Requirement	Information for full takers	Information for soft takers	Stage
Technical profiles and baseline competencies	Capacity for a site-specific REC/SCS technical design (preliminary design at least)	Interest in RECs, self-consumption or NBS. No specific technical expertise required.	Start*
Data and information	Complete, up-to-date socio-demographic and vulnerability data for the target neighbourhood (key indicators at least)	A brief description of the local context and learning interests.	Start*
Digital resources	System to monitor energy production, consumption and sharing (planned at least).	Internet access if the exchange takes place online.	Mentoring
Stakeholder involvement	Active social networks, associations or community groups; clear social benefits for vulnerable groups	Willingness to share local experience and interests.	Mentoring
Operational conditions	Engagement monitoring and feedback tools (some at least); long-term PV operation and maintenance strategy	Availability to participate in a knowledge-exchange activity..	Start*
Regulatory aspects	REC/SCS rules identified; PV permitting constraints clearly defined; at least partial policy alignment	Interest in the topic. No prior regulatory knowledge required.	Mentoring
Other relevant requirements	Climate-risk assessment of the area, including Urban Heat Island effects.	Interest in the EnerCmed approach and its possible local application.	Mentoring

Soft-taker column: fill only if the soft scheme is offered. Stage: Start = essential to initiate transfer · Mentoring = can be developed during mentoring · Later = needed only for subsequent implementation · * indicative, to be confirmed by the giver