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
RENEWPORT

Harnessing RENEWable energy potential for clean energy transition of MED PORTs

TOP SOLUTION TITLE
RES Toolkit for MED Ports

Free online toolkit to calculate the renewable energy potential of ports

THEMATIC AREA
Green energy systems

SOLUTION TYPE
Online toolkit (open-source based)

CHALLENGE ADDRESSED
Clean energy transition of ports

SPECIFIC OBJECTIVE
2.4 · Climate change adaptation and risk prevention

1 Solution Overview

Territorial challenge addressed
Ports emit pollutants and greenhouse gases but have untapped potential to become clean energy hubs using renewable energy sources (RES).

Description of the solution
Free online toolkit built on open-source applications. It calculates a port's RES potential and guides the choice of the most suitable renewable source for each location, based on current and future energy needs.

Documents and links
RENEWPORT – The Renewable Energy Toolkit for Med Ports

Primary target users
MED port managing authorities.

2 Replicability and Adaptation Potential

Potential applications
Simulating locations and technologies (photovoltaic, wind) in a port to prioritise plants and locations for step-by-step investment. Testing against real plant data found it quite accurate. Reviewers rate it very easy to use and recommend a user manual.

Suitable territorial contexts
Euro-MED ports and beyond, including ports on the southern shore of the Mediterranean.

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
Two online calls: an introductory session presenting the RENEWPORT toolkit and its main functions, then a short follow-up discussion on its relevance to the participating port. No further support unless separately agreed.

Indicative outcomes and outputs
Better understanding of the toolkit and a first identification of its relevance to the participating port. No technical deliverables.

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

Potential mentoring activities and materials
One online knowledge-exchange call introducing the RENEWPORT toolkit, its main functions and its potential applications in port areas.

Indicative outcomes and outputs
Basic understanding of the toolkit and awareness of its potential applications in the participating port.

4 Requirements for Transfer

Requirement	Information for full takers	Information for soft takers	Stage
Technical profiles and baseline competencies	Basic familiarity with port activities and an interest in renewable energy.	Interest in renewable energy and port sustainability.	Mentoring
Data and information	Basic information about the port, where available. No complete dataset required at this stage.	No specific data requirements.	Mentoring
Digital resources	Access to a computer and internet connection for the online call.	Access to an internet connection to participate in the online call.	Mentoring
Stakeholder involvement	One contact person representing the port or relevant organisation.	Participation of one representative of the port or relevant organisation.	Mentoring
Operational conditions	Availability to participate in two online calls, subject to mutual agreement on scheduling	Availability to attend one online knowledge-exchange call, subject to mutual agreement.	Mentoring
Regulatory aspects	No specific requirements at this stage	No specific requirements.	Mentoring
Other relevant requirements	Interest in exploring the potential applicability of the toolkit.	Interest in learning about the RENEWPORT toolkit	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