



# SEACAP 4 SDG

## MED-ECOSURE Tool of retrofit solutions

*The SEACAP4SDG project aims to reduce energy consumption in public buildings through cost-effective approaches to energy refurbishment, integrating Sustainable Energy Access and Climate Action Plans and innovative financial mechanisms*

*More detailed information:*



<https://enicbcmed.eu/projects/seacap-4-sdg>

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**AIM AND POTENTIAL:** To plan and design innovative, cost-effective and eco-sustainable retrofit projects in Mediterranean universities for achieving significant energy savings while maintaining the occupant's comfort. The online tool allows to evaluate the performance of the building at its initial state, select a set of energy conservation measures and carry out a technical-economic optimization.

**TYPE:** Tool

**CATEGORY:** Strategy and planning

**STAKEHOLDERS:** Local public authorities, SME, higher education and research and general public

**SCOPE:** Educational buildings

**LEVEL OF REPLICABILITY:** High



**AVAILABLE LANGUAGES:** English

**SUCCESSFUL CASES AND CONSTRAINTS:** The tool has successfully been tested in Tunisia, Italy, Spain, and Palestine. A storyboard of university building stock is available including a database of existing renovation solutions in Europe. Innovative scenarios for the energy renovation and optimal passive building measures of the renovation of buildings are available. Total toolkit available soon.

**RELATED RESOURCES:** User manual of the tool

**OUTCOME LINK:** <https://medbexlive.org/toolkit/>

**PROJECT WEBSITE:** <https://www.enicbcmed.eu/projects/med-ecosure>

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### POTENTIAL IMPLEMENTATION



● Successful Cases: Tunisia, Italy, Spain, and Palestine