

LOWEr in MED

LOWering Energy consumption in the MEDiterranean basin

Priority Axis 2: Fostering low-carbon strategies and energy efficiency in specific MED territories: cities, islands and rural areas.

Thematic Objective 4. Supporting the shift towards low-carbon economy in all sectors by:

IP 4c. Supporting energy efficiency, smart energy management and renewable energy use in public infrastructures, including in public buildings, and in the housing sector

SO 2.1: To raise capacity for better management of energy in public buildings at transnational level.

Applicant: University of Cagliari (DICAAR – Department of Civil-Environmental Engineering and Architecture; DiSSI – Department of Social Sciences and Institutions)

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Abstract

The University of Cagliari wants to apply to the first call for proposals of the Interreg MED programme that is expected to be launched in September.

The project idea is focused on studying and applying an innovative methodology for the improvement of energy efficiency in the public buildings (with a particular focus on the educational sector). The innovative idea is to introduce and test a new tool: the DMT. The innovative Decision Making Tool is based on a simplex algorithm able to elaborate coefficients (e.g. costs matrix and energy saving matrix) as well as to include in the elaboration inputs from the local decision makers.

List of Work Packages:

WP1 Context analysis

WP2 Simulation

WP3 Competences transfer

WP4 Pilot Projects

WP5 Awareness Raising