

TEESCHOOLS

Transferring Energy Efficiency in Mediterranean Schools

PRIORITY AXIS: Fostering Low-carbon strategies and energy efficiency in specific MED territories: cities, islands and remote areas

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

DELIVERABLE NUMBER: 5.2.3

TITLE OF DELIVERABLE: e-learning courses
WP n. 5: CAPITALISING

ACTIVITY n. 5.2. Capitalising Teeschools methodology

PARTNER IN CHARGE: FVMP

PARTNERS INVOLVED: ALL PARTNERS

Status:

<i>Draft</i>	<i>Final X</i>	<i>Version</i>
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Date: July 2020

E-COURSE

This e-course is an activity of the TEESCHOOLS European project, included in the MED programme. The project provides new solutions to Local Authorities both in technical and financial terms to implement Nearly Zero Energy Building (nZEB) renovation activities in Mediterranean Schools.

In particular, the e-course is an important action of the Capitalization work package including experiences, results and outputs obtained in the previous phases of the project. In this regard, the main objective of the e-course is to disseminate the results and findings that have been tested and transferred in actions of the project in order professionals, researchers and other stakeholders integrate the TEESCHOOLS methodology in their activities, studies and actions plans.

The e-course includes 13 modules:

- The normative context. Level of Implementation of EU directives. The NZEB concept. NZEB concept in the partner countries.
- Bioclimatic architecture of schools
- Energy audits in schools
- Calculation and monitoring tools. Webtool TEESCHOOLS
- Calculation and monitoring tools. Carbon footprint
- Maintenance and management of energy in schools
- Innovative approaches. Windows, Lighting, ventilation
- Innovative approaches. PCM's, cool materials and glass technologies
- Sustainable renewable solutions in schools. Thermal, photovoltaic solar energy, and geothermal. Practical application cases.
- Financial solutions for school's renovation. The incentives.
- Financial solutions for school's renovation. PPPs and EPCs.
- Smartschool and mobility.
- Behavioural change at schools.

Each module contains a presentation, educational objectives, the content and a self-assessment with an estimated workload of 4 hours, being the e-module of sustainable

renewable solutions in schools a little wider. Modules can be followed to the rhythm students want.

The self-assessment test of the e-modules has 3 choices of answers for each question where only one is valid. With 70% of the correct answers the module will be successfully passed.

If participants complete all the self-assessment a certificate is provided.

The e-course is specially aimed to professionals and researchers but local authorities and interested people would be also target for this activity.

PARTICIPANTS INVOLVED

500 Professionals and students from partners countries were involved on the FVMP platform, 208 of them finished the e-course.

Currently, the e-course is on the ENEA platform, where new students will be able to take the course during the next few months.