



**Cyprus University of Technology**  
**TEENERGY-ENERGY EFFICIENT SCHOOLS**  
**MED – PROGRAMME**



**INTERNATIONAL CAMPUS - TEENERGY SCHOOLS**

From November 29th to December 03rd 2010 a one week INTERNATIONAL CAMPUS workshop on high energy-efficient architecture for secondary school-buildings in the Mediterranean area has been organized in the framework of the MED programme TEENERGY SCHOOLS ([www.teenergy.eu](http://www.teenergy.eu)).

Aiming at Regional competitiveness and sustainable development in the European context TEENERGY SCHOOLS, co-financed by the Regional Development Fund of the European Union, targets the improvement of Energy Efficiency in public school buildings in the Mediterranean Area covering 5 different territories and 3 typical climate conditions referred to coast, mountain and plain. The Partnership is composed by 8 partners from 4 countries:

**Italy:** Province of Lucca (Lead Partner)  
*ABITA international research center Florence*  
*Province of Trapani*  
*ARPA Regional Energy Agency of Sicily*  
**Cyprus:** *Cyprus University of Technology*  
**Greece:** *Prefecture of Athens ( Host )*  
*NKUA IASA, University of Athens*  
**Spain:** *Regional Council of Granada*

*During the INTERNATIONAL CAMPUS post graduate students from the partner countries will elaborate technical solutions for 12 pilot projects addressing theme focuses such as: passive cooling, natural ventilation, solar architecture and climate-adapted energy efficient envelopes. International experts will intervene with specific lectures during the workshop.*

**TEENERGY SCHOOLS PROGRAMME:** *The project aims at solving 2 common problems of the Mediterranean Area: The lack of energy saving benchmarks targeted specifically to South European climate conditions and the low energy efficiency of actual School Buildings. Teenergy Schools will set up an Action Plan and a Common Strategy aimed to reduce energy costs and consumptions in public secondary school buildings. The international Partnership is actually collaborating in research and concept design regarding: energy saving techniques, employment of renewable energies, integration of innovative materials, improvement of heating systems, strategies for passive cooling. Teenergy Schools is elaborating a Benchmark Guide based on data from an Energy Audit, that each Partner will conduct in order to provide representative values permitting to compare each School Building's actual energy performance throughout the Mediterranean Area. 12 Pilot projects will be developed following the indications of the Action Plan.*

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