

8th Conference on Environmental Science and Technology
Lemnos Island, Greece, September 8th - 10th, 2003

**THE BUILDINGS' ENERGY BEHAVIOUR AND ITS IMPACT ON THE URBAN
ENVIRONMENT:
PERSPECTIVES FOR A MORE EFFECTIVE IMPLEMENTATION OF EUROPEAN
POLICIES**

Buildings shape the urban environment in more ways than, certainly not least with their energy and environmental impact. Significant effort was placed over the last 20 years in reducing energy consumption of buildings, leading in many countries to notable achievements, mainly with respect to heating and domestic hot water requirements. Still, new challenges lie ahead, focusing on the holistic approach of the building over its life cycle. The official proposal for a European Norm (prEN) on the energy performance of buildings became a public document in December 2002, setting the framework that will determine the design, construction and operation of building in the decade to come.

These developments will be discussed in a workshop, which will take place at the **Hotel Porto Myrina**, in **Lemnos**, on **Thursday, September 11th**, as a sequential activity to the **8th International Conference on Environmental Science and Technology (8th CEST)**.

The workshop is organized by the HELLENIC ASSOCIATION FOR BUILDING AND THE ENVIRONMENT (HABE) in association with the FEDERATION OF EUROPEAN HEATING AND AIR-CONDITIONING ASSOCIATIONS (REHVA).

Furthermore, the workshop is a chance to honour Professor Michael Papadopoulos, on the occasion of his retirement, 25 years after becoming the first Building Physics Professor in Greece.

In this framework, the key questions would appear to be:

1. What is the expected influence of the new European Norm in the construction branch?
2. To what extent are changes in the urban environment influencing the energy behaviour of buildings?
3. What are the trends in HVAC systems, in face of the rapidly increasing cooling demands?
4. What is the potential and where lie the challenges for new building and particularly insulation materials?

Speakers include, amongst else, Prof. Dusan Petras (University of Bratislava, President of REHVA), David Hubert (Chairman of EURIMA) and Prof. Joe Clarke (University of Dublin)

We are looking forward to meeting you in Lemnos, on behalf of HABE,

Thessaloniki May 2003

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The participation is free of charge. Still, participants are kindly requested to express their interest by a pre-registration at following addresses:

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