



VENICE ■ INTERNATIONAL UNIVERSITY

Thematic  
Environmental  
Networks

**TEN Center**

MOST Training Program

## New and Renewable Energy

March 3 - 17, 2007

### Course Agenda

**Theme: Energy Policy and Solar Energy**

Site Visit: Enipower: Advanced Application of Solar Energy (Nettuno)

**Theme: Legislation and Policy on Energy in the EU and Italy**

Lecture: Overview on EU organisation and EU Environmental Policy (M. Montini, University of Siena)

Lecture: Energy Efficiency and Renewable Energies: European Policy and Law (A. Rossi, University of Siena)

Lecture: Case Studies (Kyoto Protocol) (A. Rossi, University of Siena)

**Theme: Venetian History and its Environment; Promotion of Renewable Energies**

Lecture: Introduction to the History of Venice (L. Pes, Venice International University; University IUAV of Venice, Italy)

Lecture: The Evolution of the Environmental Problem in Venice: Towards a Sustainable City (P. Campostrini, CORILA - Consortium for Managing Research Activities in the Venice Lagoon)

Lecture: Sustainable Energy Systems: Promoting Renewable Energy and Energy Efficiency in Liberalised Market (A. Lorenzoni, University of Padua)



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### Theme: Economics of Energy; Energy Efficiency in Buildings

Lecture: Energy Efficiency and Load Management: Some Basic Concepts and the Role of Tariff Regulation (M. Pavan, Italian Regulatory Authority for Electricity and Gas)

Lecture: Policies for the promotion of end-use energy efficiency in Europe: recent developments and the role of tradable white certificates (M. Pavan, Italian Regulatory Authority for Electricity and Gas)

Lecture: Energy Optimization of Building-Plant System (L. Schibuola, IUAV University of Venice)

### Theme: Energy from Waste and Hydrogen

Site Visit to Waste Treatment Plant in Fusina (VESTA) (A. Marchini, VESTA S.p.A)

Site visit to VEGA: The Hydrogen Park in Venice (G. Mattiello, Science and Technology Park - VEGA)

### Theme: Energy Efficiency in Eco-building and Biofuels

Lecture: Ecobuildings (M. De Carli, Engineering Faculty, University of Padua, Italy)

Lecture: LTDS (Low Temperature Difference Systems): Developments and Case Histories (M. De Carli, Engineering Faculty, University of Padua, Italy)

Site visit: a case of Eco-Building in Padua (R. Zecchin, Engineering Faculty, University of Padua)

### Theme: Energy from Biomass

Site Visit to Cannon Sistemi in Peschiera Borromeo, Milan (M. Grosso, Cannon-Bono Energia)

Lecture: Presentation of Bono projects concerning the use of biomass and energy efficiency in China

### Theme: Energy Efficiency

Lecture: Renewable Energies (G. Fracastoro, Polytechnic of Turin)



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Theme: Use of Renewable Energies

Site Visit to Co-generation Plant in Moncalieri (Ing. Galliano, Gruppo IRIDE Energia)



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