



VENICE ■ INTERNATIONAL UNIVERSITY

## MOST Training Program

# Development and Application of Clean Renewable Energies

Italy, April 2-16, 2005

## Course Agenda

### **Theme: Solar Energy**

Site Visit – EniTecnologie, Nettuno (G. Santucci, EniTecnologie)

### **Theme: Wind Energy**

Site Visit at IMET

Lecture: Presentation of wind energy and in particular of the Italian production. (S. Togni, I.V.P.C. Italian Vento Power Corporation), Part I

Lecture: Presentation of wind energy and in particular of the Italian production. (S. Togni, I.V.P.C. Italian Vento Power Corporation), Part II

### **Theme: Venetian Culture and Environmental Issue in the Venice Lagoon**

Lecture: Introduction to the history of Venice (L. Pes, Assistant Dean of Venice International University - VIU, and Professor of Contemporary History, University IUAV, Venice, Italy)

Lecture: An Introduction to Venetian Residential Architecture (P. Modesti, Researcher on Early Modern Architecture in Venice, University IUAV, Venice, Italy)

Lecture: The evolution of the environmental issue in the Venice lagoon (J. Da Mosto, Collaborator of Consortium for Managing Research Activities in the Venice Lagoon - CORILA)

### **Theme: Energy from Waste Treatment Plant**

Site Visit to the integrated waste treatment plant in Fusina (VESTA)

Site Visit to ENEL power station in Fusina (A. Barbieri, Engineer, ENEL)



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### **Theme: Sustainable Energy Systems**

Lecture: Some concepts: demand side management, energy efficiency and load management (M. Pavan, Head of the Energy Efficiency Policy Division, Italian Regulatory Authority for Electricity and Gas)

Lecture: Policies to promote end-use energy efficiency in the European Union: some examples (M. Pavan, Head of the Energy Efficiency Policy Division, Italian Regulatory Authority for Electricity and Gas)

Workshop: Policies to promote end-use energy efficiency in Italy: an innovative approach (M. Pavan, Head of the Energy Efficiency Policy Division, Italian Regulatory Authority for Electricity and Gas)

### **Theme: Alternative Energy**

Lecture: Geothermal energy for electricity production (R. Bertani, Engineer, Mining Engineering Department, ENEL Green Power, and Executive Director of the International Geothermal Association)

Lecture: Geothermal energy: the case study of the olympic village in Beijing (R. Bertani, Engineer, Mining Engineering Department, ENEL Green Power, Executive Director of the International Geothermal Association)

Lecture: Fuel shift and renewable energies (L. Zingale, Director, AGIRE, Agency for Renewable Energy, Municipality of Venice)

### **Theme: Energy Efficiency in Eco-building**

Lecture: Energy efficiency in ecobuilding, part I (M. De Carli, Engineer, Engineering Faculty, University of Padua, Italy)

Lecture: Energy efficiency in ecobuilding, part II (M. De Carli, Engineer, Engineering Faculty, University of Padua, Italy)

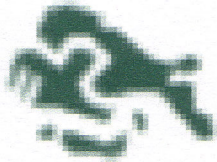
Site Visit: A case of Eco-building in Padua (R. Zecchin, Professor of Thermal Systems and temporary professor of Applied Acoustics, Engineering Faculty, University of Padua, Italy)

### **Theme: Energy from Biomasses**

Site Visit at Bono Cannon - Biomass Co-generation Plant in Peschiera Borromeo (Mi) (B. Fierro, Engineer, Bono Cannon)



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**Theme: Energy Efficiency**

Site Visit: Energy efficiency (E. Lavagno, Polytechnic University of Turin)

Lecture: Energy efficiency (E. Lavagno, Polytechnic University of Turin)

**Theme: Use of Renewable Energies**

Lecture: Renewable energy in buildings (D'Appolonia S.p.A.)

Lecture: Renewable energy in industries (D'Appolonia S.p.A.)

Workshop: Landfill gas recovery (D'Appolonia S.p.A.)



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