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)
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. Zechin, 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)
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.)