



VENICE ■ INTERNATIONAL UNIVERSITY

Thematic
Environmental
Networks

TEN Center

MOST Training Program

Energy Efficiency and Renewable Energy

February 25 - March 11, 2006

Course Agenda

Theme: Energy Policy and Wind Energy

Site Visit: Explora – The Children’s Museum of Rome: The Architectural Integration of a Photovoltaic System (A.Iacomelli, A.Cirri, Faviela, ISES, International Solar Energy Society)

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

Theme: Venice History and its Environment; Promoting Renewable Energy

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

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

Lecture: Sustainable Energy Systems: Promoting Renewable Energy and Energy Efficiency in Liberalised Market (L. Bano, Researcher, University of Padua)

Theme: Energy from Waste and Hydrogen

Site Visit: Waste Treatment Plant in Fusina (VESTA) (A. Marchini, Director of Department of Industrial Development and Special Projects VESTA S.p.A)

Site Visit: VEGA: The Hydrogen Park in Venice (G. Mattiello, Marketing Manager, Science and Technology Park - VEGA)



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Theme: Energy efficiency in Eco-building

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

Lecture: Ecobuildings (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: Alternative Energy: Geothermal and Wind Energy

Lecture: Geothermal Energy from the heart of the earth (R. Bertani, Engineer, Mining Engineering Department, ENEL, and Executive Director of the International Geothermal Association)

Lecture: Geothermal Energy: in China (R. Bertani, Engineer, Mining Engineering Department, ENEL, Executive Director of the International Geothermal Association)

Lecture: Wind energy: the Italian and Chinese Experience (S. Togni, I.V.P.C. Italian Vento Power Corporation)

Theme: Economics of Energy and Energy Efficiency

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

Lecture: Tradable White Certificates for the Promotion of End-use Energy Efficiency (M. Pavan, Head of the Energy Efficiency Policy Unit, Italian Regulatory Authority for Electricity and Gas)

Lecture: Planning of Energy Saving and Energetic Efficiency Interventions for the City of Padova (F. Bicciato, Padua Municipality)



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Theme: Energy from Biomass

Site Visit: Cannon Sistemi in Peschiera Borromeo, Milan (M. Grosso, Biomass plants Product Manager, Cannon-Bono Energia)

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

Theme: Energy efficiency

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

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

Theme: Use of renewable energies

Site Visit: Site visit to renewable solar energy village (Alessandria) (Prof. R. Pagani, Softech)



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