



VIU

Venice
International
University

TEN Center

Thematic
Environmental
Networks

Isola di San Servolo
30100 Venice, Italy
www.univiu.org

T +39 041 2719 511
F +39 041 2719 510
viu@univiu.org

CASS Training Program

Energy Efficiency and Renewable Energy

November 8-22, 2008

Course Agenda

Theme: Energy Efficiency & Renewable Energy

Site Visit to Museo dei Bambini

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

Theme: Venice History and its Environment; Ecobuilding in Practice

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

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)

Site Visit to Architecture & Technology. The TIFS Ecobuilding (R. Zecchin, University of Padua)

Theme: Economics of Energy; Ecobuildings

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

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

Theme: Economics of Renewables & Wind Energy; the Lagoon of Venice

Lecture: Energy Renewable Economics: Subsidies and Market Mechanisms (G. Pireddu, Bicocca University of Milan)

Lecture: Wind Farm Valuation: the Business Plan (G. Pireddu, Bicocca University of Milan)

Site Visit to the Lagoon of Venice (D. Pavan)

Theme: Economics of Energy & Renewables; Energy from Waste

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

Site Visit to Integrated Waste Treatment Plant in Fusina (F. Faraon, IDECOM S.p.A)

Theme: Geothermal Energy & Health

Lecture: Geothermal Energy: from the Heart of the Earth. Geothermal Energy Discovery (R. Bertani, ENEL Green Power, International Geothermal Association)

Lecture: Geothermal Energy: from the Heart of the Earth. Geothermal Energy in China (R. Bertani, ENEL Green Power, International Geothermal Association)

Lecture: Energy and Health. Health Impacts on Indoor Air Pollution (C. Maignan, IUAV)

Theme: Energy Efficiency: Indicators and Models

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

New Energy Sources: Hydrogen and Fuel Cells

Lecture: Fuel Cells - Hydrogen as Vehicle Energy Source (A. Tenconi, Polytechnic of Turin)