



VENICE ■ INTERNATIONAL UNIVERSITY

Thematic
Environmental
Networks

TEN Center

CASS Training Program

Energy Efficiency and Renewable Energy

November 18-December 2, 2006

Course Agenda

Theme: Energy Efficiency and Renewable Energy

Lecture: Energy Efficiency and Energy Market Transformation (A. Iacomelli, ISES, International Solar Energy Society)

Lecture: Solar Energy (A. Iacomelli, ISES, International Solar Energy Society)

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

Theme: Venice History and its Environment; Ecobuildings

Lecture: Introduction to the History of Venice (L. Pes, 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, CORILA - Consortium for Managing Research Activities in the Venice Lagoon)

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

Theme: Energy Efficiency; Ecobuilding in Practice

Lecture: Energy Efficiency: Technical and Economic Aspects (G. Zollino, University of Padua and Industry Research and Energy Committee, EU Parliament)

Lecture: Policies and Programmes on Energy Efficiency in Europe and OECD Countries (G. Zollino, University of Padua and Industry Research and Energy Committee, EU Parliament)

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



Ministry for the Environment
Land and Sea



VENICE ■ INTERNATIONAL UNIVERSITY

Thematic
Environmental
Networks

TEN Center

Theme: Energy Policies at European and Local Scale

Lecture: Long-term Future of Energy Demand and Supply: Case Studies in Europe and China (U. Farinelli, Italian Association of Energy Economics)

Lecture: Long-term Future of Energy Demand and Supply: Case Studies in Europe and China (U. Farinelli, Italian Association of Energy Economics)

Lecture: Energy Efficiency and Renewable Energy Policies at Urban Scale: Work In Progress in Venice (L. Zingale, AGIRE)

Theme: Geothermal Energy & Energy from Waste

Lecture: Geothermal Energy: from the Heart of the Earth. Geothermal Energy Discovery (R. Bertani, Mining Engineering Department, ENEL Green Power, and Executive Director of the International Geothermal Association)

Lecture: Geothermal Energy: from the Heart of the Earth. Geothermal Energy In China (R. Bertani, Mining Engineering Department, ENEL Green Power, Executive Director of the International Geothermal Association)

Site visit to Integrated Waste Treatment Plant in Fusina (A. Marchini, VESTA)

Theme: Economics of Energy & Wind Energy

Lecture: Sustainable energy systems: promoting renewable energy and energy efficiency in liberalised markets – part I (A. Lorenzoni, University of Padua)

Lecture: Sustainable energy systems: promoting renewable energy and energy efficiency in liberalised markets – part II (A. Lorenzoni, University of Padua)

Lecture: Wind Energy and the Energy Market (C. D'Ayala Valva, I.V.P.C. Italian Vento Power Corporation)

Theme: Energy from Hydrogen

Site visit to VEGA Hydrogen: a New Resource for the Venice Industrial Area (G. Mattiello, Science and Technology Park - VEGA)



Ministry for the Environment
Land and Sea



VENICE ■ INTERNATIONAL UNIVERSITY

Thematic
Environmental
Networks

TEN Center

Theme: Energy from Biomass

Site Visit at Cannon Sistemi

Lecture: Energy from Biomass (M. Grosso, Cannon-Bono Energia)

Theme: Energy Efficiency: Indicators and Models

Lecture: Energy saving techniques (R. Borchiellini, Polytechnic of Turin)



*Ministry for the Environment
Land and Sea*