



VENICE ■ INTERNATIONAL UNIVERSITY

Thematic
Environmental
Networks

TEN Center

CASS Training Program

Energy and Industry

November 3-17, 2007

Course Agenda

Energy Efficiency and Renewable Energy: Solar Energy

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

Site Visit to EXPLORA - the Children's Museum of Rome. An example of Architectural Integration of Photovoltaic Energy in an Existing Building

Venice History and its Environment; Energy and Eco-buildings

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 (S. Dalla Riva, Researcher, CORILA - Consortium for Managing Research Activities in the Venice Lagoon)

Lecture: Energy Efficiency and Energy Optimization in Buildings (L. Schibuola, Professor, University of Architecture IUAV, Venice)

Promoting Energy Efficiency: Instruments & Case studies

Lecture: Energy Efficiency: Technical and Economic Aspects (G. Zollino, Professor, University of Padua)

Lecture: Policies and Programmes on Energy Efficiency in Europe and OECD Countries (G. Zollino, Professor, University of Padua)

Site Visit: Eco-Building in Padua: the TiFS Building (R. Zecchin, Engineering Faculty, University of Padua)



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Energy Demand and Supply: Case Studies; Geothermal Energy

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

Lecture: Geothermal Energy: from the Heart of the Earth. Geothermal Energy Discovery (R. Bertani, Enel S.p.A. and International Geothermal Association)

Industry and Industrial Sites

Site Visit to VEGA: Case Studies of Rehabilitation of Industrial Sites

Lecture: The Experience of the Science and Technology Park of Venice (G. Mattiello, Consultant, Science and Technology Park - VEGA)

Lecture: The Industrial Association's Role in Promoting Sustainability through Local Financing System (E. Bonafè, Environment Management Department, Unindustria)

Port Cities & Wind Energy

Lecture: Sustainable Development in Port Cities: Venice Port Authority Experience (E. Zanotto, Environmental Manager, Venice Port Authority)

Lecture: Restoring the Navigational Depth and Decontamination of Venice Lagoon: Sediment Management Plan and Activities of the "Commissario" (Crisis Manager) (E. Zanotto, Environmental Manager, Venice Port Authority)

Lecture: Wind Energy and the Energy Market (L. Pirazzi, Wind Energy Expert, ENEA)

Energy Efficiency

Lecture: Energy Efficiency and Renewables (A. Lorenzoni, Researcher, University of Padova)

New Energy Sources: Hydrogen and Fuel Cells

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