



VENICE ■ INTERNATIONAL UNIVERSITY

## CASS Training Program

# Energy Efficiency and Renewable Energy

November 26 - December 10, 2005

## Course Agenda

### **Theme: Energy Efficiency and Renewable Energy**

Opening Ceremony (Mr. Corrado Clini, General Director Italian Ministry for the Environment and Territory, Mr. Chen Jiagui, Vice President, Chinese Academy of Social Sciences, Mr. Ignazio Musu, Dean, Venice International University, Mr. Huang Ping, International Cooperation Bureau, Chinese Academy of Social Sciences, Ms. Maria Lodovica Gullino, Advanced Training Program Director, Agroinnova-University of Turin, Mr. Huang Ping Director General, International Cooperation Bureau, Chinese Academy of Social Sciences, Mr. Jin Bei Deputy Director General, Institute of Industrial Economics, Chinese Academy of Social Sciences)

Lecture: Energy Efficiency and Renewable Energy in Italy (A. Iacomelli, ISES, International Solar Energy Society).

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

### **Theme: Venice History and its Environment; Promoting Renewable Energy and Energy Efficiency**

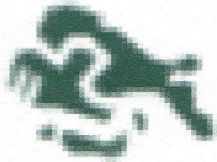
Lecture: Introduction to the History of Venice (L. Pes, Assistant Dean, Venice International University; Professor of Contemporary History, University IUAV of Venice, Italy)

Lecture: The Lagoon of Venice as Sentinel of Global Changes (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 (A. Lorenzoni, Research Fellow at the Department of Electrical Engineering, University of Padua and Research Director at the Institute of Energy Sources Economics, Bocconi University, Milan)



Ministry for the  
Environment and Territory



VENICE ■ INTERNATIONAL UNIVERSITY

### **Theme: Ecobuilding and Energy Efficiency**

Lecture: Energy Efficiency in Ecobuilding, part I (R. Zecchin/M. De Carli, Engineer, Engineering Faculty, University of Padua, Italy)

Lecture: Energy Efficiency in Ecobuilding, part II (R. Zecchin/M. De Carli, Engineer, Engineering Faculty, University of Padua, Italy)

Lecture: Energy Efficiency and Renewable Energy Projects at Urban Scale (L. Zingale, AGIRE)

### **Theme: Energy Efficiency and Economics Aspects; Ecobuilding in Practice**

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

Lecture: European Policies and Programmes on Energy Efficiency (G. Zollino, Professor, University of Padua and Industry Research and Energy Committee, EU Parliament)

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 & Wind 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: Wind Energy: the Italian and Chinese Production (S. Togni, I.V.P.C. Italian Vento Power Corporation)

### **Theme: Energy from Waste & Hydrogen**

Site Visit to Integrated Waste Treatment Plant in Fusina (VESTA)

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



Ministry for the  
Environment and Territory



VENICE ■ INTERNATIONAL UNIVERSITY

**Theme: Economics of Energy**

Lecture: Market Mechanism: Subsidies and Incentives (G. Pireddu, Professor of Environmental Economics, Department of Political Economics, University of Milano Bicocca, Milan, Italy)

Lecture: The Wind Farm Valuation: the Business Plan (G. Pireddu, Professor of Environmental Economics, Department of Political Economics, University of Milano Bicocca, Milan, Italy)

**Theme: Use of renewable energies**

Lecture: Energy Efficiency (E. Lavagno, Polytechnic of Turin).

Lecture: Energy Efficiency – The energy indicator approach , Part I (E. Lavagno, Polytechnic of Turin).

Lecture: Energy Efficiency – The energy modelling approach, Part II (E. Lavagno, Polytechnic of Turin)



Ministry for the  
Environment and Territory