CASS Training Program

Clean Energy and Climate Change
November 24 - December 5, 2013

Course Agenda

Theme: Italy and Policies for Climate Change Management
Lecture: The role of the Italian Ministry for the Environment, Land and Sea and Italian Policies for Climate Change (A. Negrin, Department for Sustainable Development, Climate Change and Energy, IMELS)
Lecture: Clean Energy and Climate Change: the ENEL Experience (M.C. Serra, ENEL S.p.A.)
Lecture: Policies and Measures for Climate Change (V. Leonardi, Department for Sustainable Development, Climate Change and Energy, IMELS)

Theme: EU Policies on Energy and Wind Energy
Lecture: Overview on EU Organisation and EU Environmental Policy (A. Barreca, University of Siena, Environmental Legal Team)
Lecture: EU Policies for Climate Change: Focus on the EU Climate and Energy Package (A. Barreca, University of Siena, Environmental Legal Team)
Lecture: Wind Energy and the Energy Market (L. Battisti, University of Trento)

Theme: Ecobuilding and Energy Efficiency
Lecture: Main Principles of Eco-building (F. Zaggia, Favero & Milan Engineering)
Lecture: Eco-buildings for Climate Change Mitigation: Case Studies (F. Zaggia, Favero & Milan Engineering)
Site Visit: Architecture & Technology. The TIFS Ecobuilding (R. Zecchin, University of Padua)

Theme: Renewable Energy and Energy Efficiency at the Local Level; Biofuels
Lecture: Mitigation of Climate Change through Sound Production and Use of Energy: the Use of Renewables, Energy Conservation and Efficiency (L. Bano, Galileia S.r.l.)
Lecture: Mitigation of Climate Change in Practice: Energy Efficiency and Renewable Energy Policies at Urban Scale: the Padova Case Study (L. Bano, Galileia S.r.l.)
Lecture: Biofuels and Sustainable Development (D. Chiaramonti, University of Florence)

Theme: Geothermal Energy and Solar Energy
**Lecture:** Photovoltaic Plants: Key Elements, Trends and Critical Aspects (F. Bignucolo, Galileia S.r.l.)

**Theme: Distributed Energy Generation**

**Site Visit:** Distributed Energy Generation and District Heating (M. Giusti, Agsm Verona S.p.A.)

**Theme: Local Policies for Renewable Energies and Energy Efficiency**

**Lecture:** Turin Province Energy Balance: Energy Efficiency and Renewable Energies in Turin Province (S. De Nigris, Province of Turin)

**Lecture:** Sustainable Energy Actions: Results from EU Projects (G. Vicentini, Province of Turin)

**Lecture:** Covenant of Mayors: GHG Emission Control Strategies at City Level (G. Gallo, Turin Smart City Foundation – Energy Gate)