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MOST Training Program
Renewable Energies: Technology for New Energies
and Energy Efficiency
Italy, December 1-13, 2012

Course Agenda

Theme: Italian and EU Policies on Energy Efficiency and Renewable Energies

Lecture: The Italian Ministry for the Environment, Land and Sea (V. Leonardi, General Department for Sustainable Development, Climate Change and Energy, IMELS)

Lecture: The EU Framework Legislation and Policy on Renewable Energy and Energy Efficiency (A. Barreca, Environmental Legal Team, University of Siena)

Theme: Geothermal Energy

Welcome Speech (R. Parri, Enel Green Power S.p.A.)

Visit to the Geothermal Energy Museum (A. Lenzi, Enel Green Power S.p.A.)

Lecture: Introduction and Presentation of the Plant and Technology (A. Lenzi, Enel Green Power S.p.A.)

Visit to a Geothermal Fumarole

Site Visit to ENEL Valle Secolo Geothermal Plant

Theme: Technologies for Renewable Energy and Energy Efficiency

Lecture: Clean Technologies for Energy Production (D. Bercebal Weber, ENEL Green Power)

Lecture: Carbon Capture and Storage: the ENEL Experience (G. Benelli, ENEL Engineering & Innovation S.p.A.)

Lecture: Italian Smart Grids Experience (D. Stein, ENEL S.p.A., Smart Grids Development and New Technologies)

Theme: Solar Energy Technology

Lecture: Photovoltaic Plants: Key Elements, Trends and Critical Aspects (F. Bignucolo, Galileia Spin-off)

Site Visit: Renewable Energies Park in Padua (A. Spatharos, Fondazione Fenice Onlus)

Theme: Energy Efficiency in Buildings

Lecture: Energy Efficiency in Buildings – Ecobuildings (M. De Carli, University of Padua)

Lecture: Energy Efficiency in Buildings – LTDS (Low Temperature Difference Systems): Developments and Case Histories (M. De Carli, University of Padua)

Site Visit: Tifs Energy Efficient Building (R. Zecchin, University of Padua)

Theme: Wind Energy and Biofuel Technologies

Lecture: Wind Energy (L. Pirazzi, ANEV)

Lecture: Biofuel Technologies (D. Chiaramonti, CREAR–University of Florence)

Theme: Energy Efficiency and the Use of Renewable Energies in Industry

Site Visit to ICI Caldaie S.p.A. (A. Zerbinato, ICI Caldaie S.p.A.)

Theme: Renewable Energies

Site Visit to Energy Efficient Building “Casa Gaia” in Luserna San Giovanni (G. Papa, Soc. Coop. Gaia Villages)

Lecture: The Third Party Financing for Retrofitting Municipal Properties of Small Cities. The Case of Avigliana City (G. Gallo, Fondazione Torino Smart City)