



VENICE ■ INTERNATIONAL UNIVERSITY

MOST TRAINING PROGRAM ON SUSTAINABLE DEVELOPMENT

Module 3b

Venice International University, Venice

March 8-19, 2004

RENEWABLE ENERGY

Theme: Energy Cogeneration with Biomass

Lesson: Biomass: problem or opportunity? (Mr. B. Fierro, Bono Sistemi-Cannon)

Lesson: Cogeneration: the right approach (Mr. Riva, Comitato Termotecnico Italiano).

Lesson: Cogeneration feed water plant: problems and solutions (Mr. A. Liati, Bono Artes-Cannon).

Lesson: Biomass cogeneration case histories: how we do it (Ms. M. Grosso, Bono Energia-Cannon)

Theme: Site Visit

Site Visit: CIMA, Limena (PD)

Theme: The Venice Lagoon - Bioplastics

Lesson: Living chemistry for quality of life: the Novamont Model towards Economical and Environmental Sustainability (Ms. Floridii, Novamont)

Case Study: Bioplastics (Ms. G. Floridi, Novamont)

Lesson: Safeguarding Venice and its lagoon: The Mose experience (Ms. F. De Pol)

Theme: Solar Energy

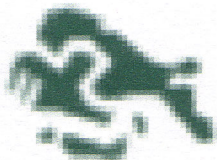
Lesson: Advanced practical application of solar energy I (Mr. R. Barile, EniTecnologie)

Lesson: Advanced practical application of solar energy II (Mr. R. Barile, EniTecnologie)

Lesson: Case Study: a solar village in Inner Mongolia (Mr. R. Barile, EniTecnologie)



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Theme: Wind Energy and Refuse Power Generation

Lesson: Wind resource - technology - industry - economics (Mr. L. Pirazzi, ENEA)

Lesson: Wind application - deployment - market stimulation and constraints (Mr. L. Pirazzi, ENEA)

Lesson: Production, collection and disposal of municipal solid wastes in Italy with particular concern for the organic fraction, the recoverable energy from this fraction, the treatments and their environmental impact (Mr. F. Cecchi, University of Verona)

Lesson: The integrated treatment plant of Treviso municipality (Mr. F. Cecchi, University of Verona)

Theme: Geothermal Power Stations

Lesson: Geothermal Energy and its industrial application, with special focus on the production of electricity (Mr. R. Bertani, Enel Green Power)

Lesson: Geothermal Energy in China: the Yang-Bajing (Tibet) geothermal field (R. Bertani, Enel Green Power)

Site Visit: to VESTA Waste Management Center in Fusina

Site Visit to the Parco Regionale del Delta del Po and the Thermal Power Station in Porto Tolle, Rovigo.

Theme: Economics of the Energy I: Evaluation Methods

Lesson: Cost evaluation of the production of energy from renewable sources (Mr. G. Pireddu, Pricewaterhouse Coopers)

Lesson: Evaluation methods for energy and pollution (Mr. G. Pireddu, Pricewaterhouse Coopers)

Lesson: Economic instruments and market-based incentives for renewable energy: how to work out a business plan (Mr. G. Pireddu, Pricewaterhouse Coopers)

Theme: Economics of the Energy II: Energy Policy in Italy

Lesson: Policy drivers and administration of the energy sector in Italy: the role of the Regulator (Ms. M. Pavan, Italian Regulatory Authority for Electricity and Gas)

Lesson: Energy regulation and environmental policy: a case study on the promotion of renewables and energy savings (Ms. M. Pavan, Italian Regulatory Authority for Electricity and Gas)

Lesson: Tariff regulation in the electricity sector (Ms. M. Pavan, Italian Regulatory Authority for Electricity and Gas)



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