



VIU

Venice
International
University

TEN Center

Thematic
Environmental
Networks

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Tianjin Science and Technology Committee Training Program

Sustainable Development in Urban and Industrial Areas

Italy, October 8-22, 2008

Course Agenda

Theme: Site Visit at National Research Council (CNR)

Lecture: Atmospheric Pollution on the Coastal Areas by Passive Radiative Measurements (Rosa Maria Cavalli/Cristiana Bassani, CNR)

Lecture: Monitoring of the Coastal Areas by Remote Sensing Techniques (Alessia Allegrini, CNR)

Lecture: Atmospheric Pollution and its Effects on the Cultural Heritage (Franco De Santis/Francesca Vichi, CNR)

Theme: History and Safeguard of Venice and its Environment

Lecture: Introduction to the History of Venice (L. Pes, VIU and University IUAV of Venice, Italy)

Lecture: The Evolution of the Environmental Problem in Venice: towards a Sustainable City. (P. Campostrini, CORILA - Consortium for Managing Research Activities in the Venice Lagoon)

Site Visit to VEGA: Land Remediation and Redevelopment Case Study (G. Mattiello, Science and Technology Park – VEGA)

Theme: Sustainable Urban Development

Lecture: Governance and Sustainable Urban Management (J. Van der Borg, Ca' Foscari University of Venice)

Lecture: Sustainable Tourism in Urban Areas: Towards China Big Events (Olympics and Expo) (J. Van der Borg, Ca' Foscari University of Venice)

Lecture: Air Quality Control and Sustainable Mobility – ITS projects (F. Della Casa, Thetis Technological Centre)

Theme: Waste and Water Management

Site Visit to Integrated Waste Management Plant (VERITAS S.p.A)

Lecture: Wastewater and Organic Waste Management: Innovative Italian Experiences in Relation to the Increasing Environmental Concerns (P. Pavan, Ca' Foscari University of Venice)

Site Visit to the Integrated Water Management Plant in Treviso

Theme: Industrial Ecology & Land Remediation; Energy Efficiency

Lecture: Industrial Ecology (I. Mannino, TEN Center-VIU)

Lecture: Land Recycling: Gaining the Benefits for a Sustainable Urban Growth (M. Turvani, IUAV & VIU)

Lecture: Planning of the energy saving and efficiency interventions and of the use of renewable energy resources for the municipal administration of Padua (F. Bicciato, Municipality of Padua)

Theme: Green Industrial Production Technology in Italy

Lecture: The Italian Economy: Industrial Districts, SME and Competitiveness (V. De Marchi, Tedis Centre, VIU)

Lecture: Innovation and Sustainability in the Italian Context (V. De Marchi, Tedis Centre, VIU)

Lecture: Sustainability in Italian Firms and Industrial Districts: Interesting Case Studies (B. Da Ronch, Tedis Centre, VIU)

Theme: Eco-labelling

Site Visit to ASJA.BIZ S.p.A.

Theme: New Environmental Family Engines

Site Visit to IVECO S.p.A.