



VIU

Venice
International
University

TEN Center

Thematic
Environmental
Networks

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Tianjin Science and Technology Committee Training Program
"Eco-city": Application and Case Studies
Italy, December 5-19, 2009

Course Agenda

Theme: Site visit at National Research Council

Lecture: CNR-IIA Activities and Project in China - Overview on Legislation on Air Quality in Europe and in China (F. Petracchini, CNR)

Lecture: Pollutant Emission from Industrial Activities and Related Legislation (S. Mosca, CNR)

Lecture: Source Apportionment and Chemical Composition of Particulate Matter (A. Pietrodangelo, CNR)

Site Visit to CNR Laboratories

Theme: Venetian History and its Environment; Ecobuildings

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

Lecture: The Evolution of the Environmental Problem in Venice: Towards a Sustainable City (L. Marotta, Entropia S.N.C.)

Site Visit to the Metadistretto of Ecobuilding of Treviso Province and Residence Acqua Azzurra (G. Vendramin, CEV Enterprise)

Theme: Green Industrial Production Technology in Italy

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

Lecture: Sustainable Design: Lessons from Made in Italy (M. Boscolo, Tedis Centre, VIU)

Site Visit to Valcucine S.p.A. – Environmental Friendly Industry (D. Prosdocimo, Valcucine S.p.A)

Theme: E-Waste Management; Energy in Buildings

Site Visit: E-waste Treatment Plant (S. Marascalchi, Re.Te. Recupero Tecnologici)

Lecture: Gravity Separation of WEEE Plastics (F. Di Maio, Delft University of Technology)

Lecture: Three Steps to Reduce Energy Consumption in Buildings (F. Di Maio, Delft University of Technology)

Theme: Energy Efficiency & Renewables; Brownfield Remediation

Lecture: Energy Efficiency and Renewable Energy Policies at Urban Scale (L. Bano, Galileia srl)

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

Theme: Green industries

Lecture: Green Certifications and Industry (G. Chiellino, e-Ambiente)

Site Visit to San Benedetto S.p.A. – Environmentally Friendly Industry (P. Del Popolo, San Benedetto S.p.A.)

Theme: Biodegradable Plastic

Site Visit to Novamont and Novamont Composting Site in Novara

Theme: Waste Water Treatment

Site Visit to SMAT Spa Water Treatment Plant