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)

Theme: E-Waste Management; Energy in Buildings
Site Visit: E-waste Treatment Plant (S. Marascalchi, Re.Te. Recuperi Tecnologi)
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
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)

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