



**VIU**

Venice  
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University

**TEN Center**

Thematic  
Environmental  
Networks

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**CASS Training Program**  
**Sustainable Urban Development and Eco-building**  
**November 20 – December 4, 2010**

**Course Agenda**

**Theme: Urban Sustainable Development**

Lecture: Italian Environmental Policy and the Role of the Italian Ministry for the Environment, Land and Sea (C. Baffioni, Department for Environmental Research and Development, IMELS)

Lecture: Sustainable Urban Planning (A. Fidanza, Department for Environmental Research and Development, IMELS)

**Theme: EU Environmental Legislation and Policy**

Lecture: Overview on EU Organisation and EU Environmental Policy (M. Montini, University of Siena)

Lecture: The EU Policy and Framework Legislation on Energy Efficiency: focus on Sustainable Buildings (E. Orlando, University of Siena)

Lecture: Case studies on Eco-building Legislation (F. Volpe, University of Siena)

**Theme: Venice & Eco-building**

Lecture: History of Venice: Urban and Environmental Aspects (F. Zennaro, TEN Center)

Lecture: The Metadistretto Veneto of Eco-building (A. Tormena, The Metadistretto Veneto of Ecobuilding)

Lecture: Bioclimatic Architecture – Beyond Energy Efficiency (F. Marinelli, The Metadistretto Veneto of Ecobuilding)

Lecture: Maltauro Activities (F. Comparin, Maltauro Immobiliare S.r.l.)

Lecture: A case Study: Civil Eco-building in Venice, the Case of Mazzoni Coal Plant (N. Salviato, GruppoFon; R. Zecchin, Tifs Ingegneria)

Site Visit to a Civil Eco-building (Maltauro, Venice)

**Theme: Eco-building: Architecture Innovations**

Lecture: Principle of Sustainable Design and Planning: Recent Researches and Approaches (L. Paschini, GiArch – Italian Young Architects National Association)

Lecture: Zero Energy House. Innovative Solutions for Architectural and Urban Projects (L. Paschini, GiArch – Italian Young Architects National Association)

Lecture: Sustainable Refurbishments in Building Environments (J. Gaspari, Venice University Institute of Architecture, IUAV)

**Theme: Energy Efficiency Certification in Buildings and Eco-building in Practice**

Lecture: Energy Efficiency Certification in Italy (P. Romagnoni, University IUAV of Venice)

Lecture: Nearly Zero Energy Buildings (P. Romagnoni, University IUAV of Venice)

Site Visit to Tifs, a Case of Eco-Building in Padua (R. Zecchin, University of Padua, Italy)

**Theme: Sustainable Mobility and Waste Management**

Lecture: Sustainable Urban Mobility in the City of Milan (M. Bedogni, AMAT, Mobility, Environment and Land Agency of Milan)

Lecture: Integrated Waste Management and the Case Study of Treviso (M. Tassetto, Consorzio Priula)

**Theme: Water Treatment; Health Issues in Sustainable Development**

Site Visit to SMAT S.p.A. Water Treatment Plant (L. Paglicci, SMAT S.p.A.)

Lecture: Health Issues in Sustainable Development at Urban Level: Air Pollution and Health (E. Cadum, Arpa Piemonte)

**Theme: Eco-building for Sustainable Communities**

Lecture: "Casa Gaia Thermic-energetic Behaviour, an Experimental House where to Live and to Show Sustainable Systems" (G. Papa, Casa Gaia)

Site Visit to "Casa Gaia" Building