



VIU

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TEN Center

Thematic
Environmental
Networks

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CASS Advanced Training Program
Sustainable Urban Development and Eco-building
November 19 – December 3, 2011

Course Agenda

Theme: Urban Sustainable Development

Lecture: The Role of the Italian Ministry for the Environment, Land and Sea: Policy for Sustainable Development (P. Manzione, 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 (A. Barreca, University of Siena)

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

Theme: Venice and Urban Sustainability

Lecture: A City between Land and Water, West and East. Brief Introduction to the History of Venice (L. Pes, IUAV and Venice International University)

Lecture: The Evolution of the Environmental Problem in Venice: Towards a Sustainable City (S. Dalla Riva, CORILA)

Site Visit: The Safeguard of the Lagoon and the City of Venice (S. Dalla Riva, CORILA)

Theme: Introduction to Eco-buildings and Low Carbon Communities

Lecture: Ecodesign and Ecobuilding for a Suitable Urban Development (J. Gaspari, Venice University Institute of Architecture, IUAV)

Lecture: Low Carbon Communities (P. Caputo, Polytechnic Institute of Milan)

Theme: Sustainable Mobility and Eco-building in Practice

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

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

Theme: Energy Efficiency Certification in Buildings and Waste Management

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

Lecture: Nearly Zero Energy Buildings (F. Cappelletti, University IUAV of Venice)

Lecture: Integrated Waste Management and the Case Study of Treviso (M. Galli, Contarina S.p.A.)

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

Morning Theme: Sustainable Mobility; Health Issues in Sustainable Development

Lecture: Towards a Sustainable Mobility: Guidelines for Mobility Management (M. Infanti, Impronta – Mobility Management for Private and Public Institutions in Piedmont)

Lecture: Case Studies of Successful Mobility Management in Italy and Europe (M. Infanti, Impronta – Mobility Management for Private and Public Institutions in Piedmont)

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