



COURSE FOR SUSTAINABILITY

STRATEGIES, METHODOLOGIES, POLICIES AND ACTIONS FOR CENTRAL AND EASTERN EUROPE

Module 3

Sustainable Urban Settlements

March 20 - 31, 2006

Location: Venice International University, San Servolo Island, Italy

Module three – Sustainable Urban Settlements

Learning Objectives:

By the end of the module participants will:

- Understand and consider why urban sustainability matters
- Understand the impacts that the policies and programmes of central governments and regional agencies have on cities and their sustainability
- Be able to apply sustainable criteria when designing policies and programmes that will affect urban areas, considering the multiple dimensions of the social and ecological environments
- Understand the importance of integrated and participatory approaches to urban planning, involving different social groups (class, race, gender, etc.)
- Gain insight into the sustainability of sectoral policies, programmes and projects.

Course Agenda

Theme: Introduction to Urban Sustainability

Lecture: Main Issues in Urban Sustainability (Victoria Hands, London School of Economics)

Lecture: Economic and Social Trends in Cities (Victoria Hands, LSE)

Lecture: The Future of Cities, Ex-Urban Sprawl or Integrated Communities (Todd Schenk, REC)

Theme: Urban Planning

Lecture: In Pursuit of Urban Sustainability in Europe (Victoria Hands, LSE)

Lecture: Urban Planning (Michelangelo Savino, University of Messina)

Workshop: Problems, Solutions and Consequences - City Planning Simulation (Todd Schenk, REC)

Theme: Tools for Sustainable Planning

Lecture: Planning Tools for Sustainability (Giuseppe Gamba, Kyoto Club)

Lecture: Implementing Local Agenda 21: Lessons Learned (Giuseppe Gamba, Kyoto Club)

Tutorial: Participants' Experiences with Planning for Urban Sustainability (Facilitated by Lecturers and Participants)

Lecture: Eco-Management in Urban Areas: Policies and Case Studies (Ruben Mnatsakanian, CEU)

Workshop: City Planning Simulation Debrief and Mapping Threats to Sustainability in CEE (Todd Schenk, REC)

Theme: Eco-building

Lecture: Sustainable Architecture: Principles and Policies (Federico Butera, Politecnico di Milano)

Lecture: Trends and Initiatives of Eco-Building (Federico Butera, Politecnico di Milano)

Meeting with the Mayor of Preganziol and Introduction to the Site Visit

Site Visit: Sustainable Housing in Europe (SHE Project), Preganziol, Treviso (Masud Esmailou, Studio Memar)

Theme: Crosscutting Issues: Industrial Development and Energy Efficiency

Lecture: Energy Efficiency and Renewable Energy in a Sustainable Urban Development (Dario Di Santo, FIRE-Italian Federation for Rational use of Energy)

Lecture: Urban Air Quality, Industry and Health (Ruben Mnatsakanian, CEU)

Role Play Exercise: Good Governance Workshop (Stephen Stec, REC)

Theme: Waste and Water Management in Urban Areas

Lecture: Waste Management in Europe: Policies and Trends (Robert Nemeskeri, REC)

Lecture: General Aspects of Water and Wastewater Treatment (Edward Bellinger, CEU)

Case study: Privatisation of Water (David Hall, PSRU)

Tutorial: Participants' Experiences with Waste Management (Facilitated by Lecturers and Participants)

Theme: Waste and Water Management in Urban Areas - Site Visit

Lecturing Session at Ghirada Center, Treviso.

- The Integrated Water Treatment Plant in Treviso (Franco Cecchi, University of Verona)
- Domestic Waste Management in the Province of Treviso (Fabrizio Bertolo, Provincial Waste Observatory, Treviso)
- Introduction to the Centre for Recycle of Vedelago: Solid Waste Management and Treatment in the Municipality of Treviso (Cristiano Perin, Centro Riciclo Vedelago Srl)

Site Visit: The Integrated Water Treatment Plant in Treviso (Franco Cecchi, University of Verona)

Site Visit: The Centre for Recycle in Vedelago (Cristiano Perin, Centro Riciclo Vedelago)

Theme: Sustainable Urban Tourism

Lecture: The Role of Culture and Heritage in Urban Renewal: Successes and Threats - the Case of the Jewish-Catholic Quarter of Kazimierz in Krakow (Monika Murzyn, International Cultural Centre, Krakow)

Lecture: Sustainable Tourism: the Case of Venice (Jan van der Borg, University of Venice)

Site Visit: The Venice Lagoon: Alternative Tourist Routes. The Islands of Lazzaretto Nuovo and Sant'Erasmus (Francesca Radin, VIU, and Gerolamo Fazzini, Ekos - Archeo Club)

Theme: Urban Sustainable Mobility

Lecture: Sustainable Urban Mobility in Europe: Trends, Policies and Tools (Marcel Rommerts, DG Energy and Transport)

Lecture: A Case Study: Sustainable Transportation in Milan (Marco Bedogni, Mobility and Environment Agency, Milan)

Tutorial: Participants' Experiences with Sustainable Mobility (Facilitated by Lecturers and Participants)

Workshop: Changing System Thinking: Toward a New Approach of Urban Sustainable Mobility (Janos Zlinszky, REC).

Theme: Urban Equality

Lecture: Can the Social and Health Systems be Part of the Development Agenda of European Countries: Examples and Challenges (Erio Ziglio, World Health Organisation)

Lecture: Sustainable Urban Community Development: Jobs, Justice, and Civic Engagement (Tamara Steger, CEU)

Panel Discussion: Sustainability in Urban Areas - Debrief Discussion (REC and VIU lecturers)