



COURSE FOR SUSTAINABILITY

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

Module 3

Sustainable Urban Settlements

February 26th - March 9th, 2007.

Location: Venice International University, San Servolo Island, Italy



Ministry for the
Environment Land and Sea



VENICE ■ INTERNATIONAL UNIVERSITY



THE REGIONAL ENVIRONMENTAL CENTER
for Central and Eastern Europe



AGRINNOVA



CEU

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 (Todd Schenk, the Regional Environmental Center)

Lecture: The Future of CEE's Cities: Urban Sprawl or Integrated Communities? (Todd Schenk, REC)

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

Theme: Urban Planning

Workshop: Debrief from Good Governance Workshop (Stephen Stec, REC)

Lecture: Sustainable Urban Planning (Benno Albrecht, Venice Architecture University, IUAV)

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

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

Theme: Tools for Sustainable Planning

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

Lecture: Planning Tools for Urban Sustainability (Maria Berrini, L'Ambiente Italia)

Lecture: Energy Efficiency and Renewable Energy in Sustainable Urban Development (Luca Zingale, Director of the Agency for Renewable Energy, Municipality of Venice)

Lecture: European Policies on Urban Sustainability (Vivien Furch, EarthLink)

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

Theme: Quality of Life in Urban Areas

Lecture: Developing Sustainable Communities - Site Reuse and Regeneration (Matt Quayle, Turley Associates)

Lecture: Developing Sustainable Communities - Waterfront Regeneration (Matt Quayle, Turley Associates)

Lecture: An Urban Forest for Venice: Taking Nature Back to the City (Mariolina Trivellato, Wood of Mestre)

Tutorial: Participants' Experiences with Energy Efficiency - Eco-building - Tourism (Participants Facilitated by Lecturers and Participants Facilitated by Lecturers and Participants)

Theme: Eco-building

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

Lecture: Trends and Initiatives in Eco-Building (Mario Butera, Architetture Sostenibili Srl)

Site visit: Examples of Eco-Building in Padova (Roberto Zecchin, Professor of Thermal Systems and Temporary Professor of Applied Acoustics, Engineering Faculty, University of Padua, Italy)

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

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

Lecture: A New Culture of Mobility: From Automobility to Multimodality (René Rinner, Ökoinstitut Südtirol/ Alto Adige, Italy)

Presentation and Discussion: The European Local Transport Information Service - ELTIS (René Rinner, Ökoinstitut Südtirol/ Alto Adige, Italy)

Theme: Waste and Water Management in Urban Areas

Case study: Waste Management Solutions in the Municipality of Treviso (Marzia Baldassin, Osseatorio Rifiuti; Monica Galli, Conorzio della Priula)

Site Visit: Recycling Centre - Trevisan (Andrea Trevisan)

Theme: Waste and Water Management in Urban Areas (continued)

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

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

Lecture: Wastewater and Organic Waste management: Innovative Italian Experiences in relation to the Increasing Environmental Concerns

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

Theme: Social Aspects of Urban Sustainability and Closing Ceremony

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