



COURSE FOR SUSTAINABILITY

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

Session 5A

Urban Sustainability

May 15 - 20, 2005

Location: Venice International University, San Servolo Island, Italy

Objectives

- Introduce the concept of sustainability in urban development and land-use planning.
- Examine different case studies to illustrate sustainable planning strategies and eco-management policies for urban areas.
- Provide an overview of Local Agenda 21 in Europe and analyse participatory approach case studies at the local level.
- Introduce sustainable solutions for energy use, transportation and municipal waste management.
- Consider urban sustainability holistically, taking into account the various social, economic and environmental factors that shape our urban agglomerations.

Outputs

- Participants will be better able to deal with human settlement planning and will learn how to make the best use of sustainable management tools in urban areas.
- Participants will become familiar with the promotion of the raising of awareness and capacity-building for local planning and policy issues.
- Participants will learn how energy-efficient technology and alternative/renewable energy for human settlements could help to reduce the negative impacts of energy production and use on human health and the environment.

Course Agenda

Theme: Introduction to Urban Sustainability

Lecture: In Pursue of Urban Sustainability in Europe (Aleg Cherp, Central European University) (Aleg Cherp, Central European University)

Lecture: Urban Sustainability in Venice (Pierpaolo Campostrini, CORILA Consortium for Coordination of Research Activities Concerning the Venice Lagoon System)

Workshop: Problems, Solutions and Consequences - City Planning Simulation - Part I (Aleg Cherp, CEU and Todd Schenk, REC)

Themes: Urban Sustainability 1

Lecture: Implementing Local Agenda 21: Lessons Learned (Avi Gottlieb, Tel Aviv University)

Lecture: Local Agenda 21 in Europe (Giuseppe Gamba, Local Agenda 21 Italian Network)

Lecture: Environmental Management in the Urban Context (Aleg Cherp, CEU)

Workshop: Problems, Solutions and Consequences - City Planning Simulation - Part II (Aleg Cherp, CEU and Todd Schenk, REC)

Theme: Urban Sustainability 2

Lecture: The Participatory Approach (Lorena Rocca, Valerie Cogan, Livio Chiarullo, Marco Scurati and Martina Gambero, FEEM Fondazione Eni Enrico Mattei)

Case study: The Participatory Approach, A Case Study of the Pandora Project (Lorena Rocca, Valerie Cogan, Livio Chiarullo, Marco Scurati and Martina Gambero, FEEM Fondazione Eni Enrico Mattei)

Lecture: Urban Strategies and Transversal Approaches Towards the Sustainable City: the Barcelona Planning Experience (Francesc Muñoz, Universitat Autònoma de Barcelona)

Morning Theme: Urban Sustainable Mobility

Lecture: Sustainable Transportation (Marco Bedogni, Mobility and Environment Agency, Milan)

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

Afternoon Theme: Municipal Waste Management

Lecture: Municipal Waste Management in Central-East Europe (Robert Nemeskeri, REC)

Theme: Energy in the Urban Environment

Lecture: Urban Sustainability and Energy Efficiency in Industry (Zeljka Medven, REC Croatia)

Site Visit: Solar Expo in Vicenza (Luca Zingale, AGIRE, Massimiliano Cecchin, Solarexpo)