

ACADEMIA DANUBIANA

Association for promoting sustainable development and supporting an
ecologisation process in the Danube region

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GOALS AND OBJECTIVES

- Promoting self-reliant and self-organizing communities and **multi-functional** land-use systems
- Enforcing **eco-efficiency** to maximize the economic productivity of natural resource use
- Supporting **transdisciplinarity** as a new form of learning and problem solving among different parts of society and academia in order to meet complex challenges of society
- Fostering sustainable development and **Ecologisation** in the Danube region

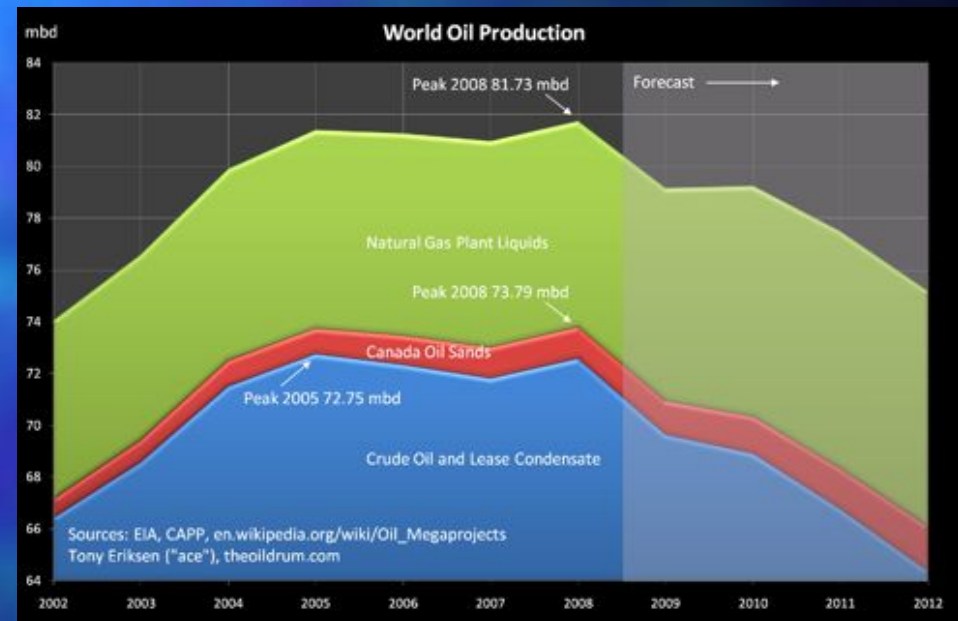
BRIDGE Lifeline Danube

- INTERREG IIC project
 - Communication network of cities along the Danube
- Landscape without borders
 - How to develop a multifunctional and integrated land utilisation
- Ecological design in the solar age
 - How to minimize destructive impacts on environment by integrating with living processes
- Access to the river
 - Sustainable cross border traffic
 - Hot spots in the cities – Open space concept in Vienna (Hugo Potyka)
 - Bike path-net in the Danube region



CORE PROBLEMS

- Peak Oil
 - Since the 60s and 70s people became aware of fossil and nuclear disadvantages
- Climate Change
 - We have to decarbonize our economies wholesale
- Soil and Land Use
 - Space is an asset that is extremely limited
- Solar world economy
 - We have to initiate equal chances for everybody within ecologisation measures



CULTURE OF THE PROJECT

- The European dream
 - **Europe** has become a giant freewheeling experimental laboratory for rethinking human conditions and reconfiguring human institutions in the global era. (J.Rifkin, 2004)
- Sokrates Erasmus Intensive programmes
 - **IP-SOIL** Responsible use of soil and land and Spatial Development
- Erasmus Academic Network
 - **ELL-SAT** European Lifelong Learning on Solium, Acqua et Terra



SOCIAL FIELD

Transnational and trans-disciplinary cooperation

- How trust can be built
- Social phenomena occurring during the process
- Scientific facts are the products of many actions
- Generating a unique kind of social capital

■ Generic skills

- We need generic skills also – such as leadership, community engagement, project management, partnership, working and effective communication



ECOLOGISATION

- Condensed to one sentence, **ecologisation** means shaping our interaction with the environment in an intellectual, material, spatial, social and emotional sense to achieve a lasting sustainable quality of living for all (POSCH, 1997)
- Regional metabolism
 - Examining the flows of resources. Energy and waste, to the scale of a region
- Multifunctional land use
 - Means to substitute the zoning principle of physical separation with a mix of patterns



DANUBE THE 'LEARNING REGION'

- The learning region concept
 - Create awareness among stakeholders in the region for sustainable land use
- Cross border governance
 - Set up of incentives, norms and organisations to co-ordinate policy



DANUBE STRATEGY

- The Academia Danubiana is mentioned in the Danube strategy as an example of a project. **“To implement the strategy for soil protection”** - *Responsible, multifunctional use of land and soil and interlinkages to the regional development, as well as new governance tools and the “learning region” concept would be developed. The project should link to the work already undertaken by the Academia Danubiana in this field.*



PARTNERS

- University of Forestry, Sofia www.elasa.org/bulgaria
- University of Belgrade
- St. Isztvan University, Budapest www.gis.kee.hu
- St. Stephen University, Gödöllő www.ktg.gau.hu
- UNESCO chair Banska Stiavnica <http://alpha.tuzvo.sk/unchair>
- Slovak Technical University, Bratislava www.svf.stuba.sk
- IDM Wien www.idm.at
- Fachhochschule Deggendorf www.fh-deggendorf.de
- Wirtschaftsservice Linz für die Wirtschaftsregion
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