



General introduction to the Integrated Project PLUREL (EC FP6 036921)



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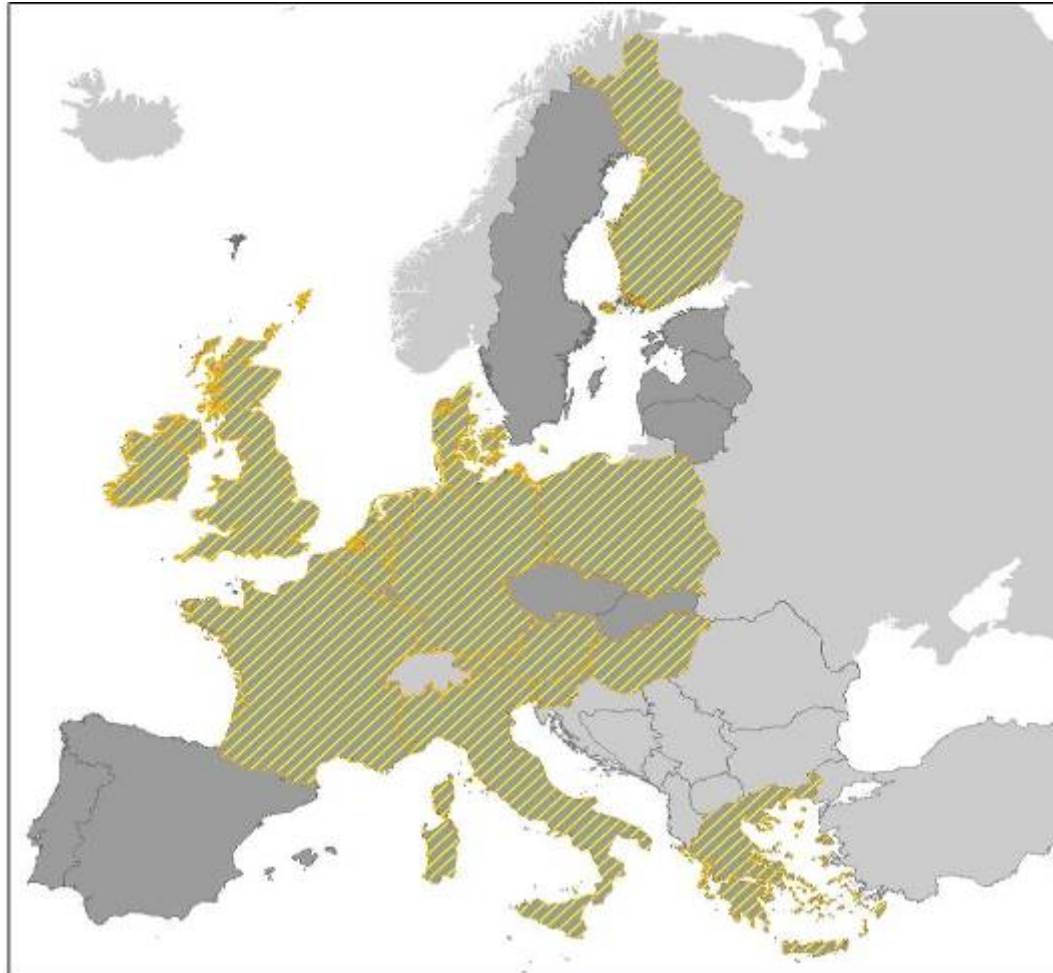
Sixth Framework Programme "Global Change and Ecosystems" 4th Call for Proposals

Urban, peri-urban and rural land use relationships:

- Produce tools to help in the analysis of the EU urbanising trend and identify ways to improve the process and avoid negative consequences
- Consider how urban expansion effect the request of transportation, food supply chains, environment and recreation services and the pressures that these will put on rural land
- Interaction between urban and rural land uses
- Social, economic and ecological impacts
- Complementary and consistent with the SENSOR project



Participants



31 parties

- 13 universities
- 10 research institutes
- 8 SME's

15 countries

- 14 EU member states
- China

7 letters of intent

Peri-urban Land Use Relationships (PLUREL) 2007-2010

The **PLUREL** project aims

- to achieve a deeper understanding of the changing relationships between urban and rural land use with an emphasis on the most dynamic part, the peri-urban areas
- to develop methods and tools to assess the environmental, social and economic impacts of land use changes
- to identify potential strategies and good practice examples to promote the sustainable development of land use systems in rural-urban regions



Specified objectives

- Develop land-use scenarios for Rural-Urban regions in Europe and improve the understanding of the land use dynamics
- Analyse and model the relationships between rural, peri-urban and urban land uses, and the provision of resources and functions
- Implications of land use policies and strategies as well as governance structures on sustainable land use, by exploring selected case study regions in detail and in collaboration with local stakeholders
- Assess environmental, social and economic impacts of land use changes as affected by global driving forces and regional development strategies
- Enhance learning, cooperation and communication between policy makers, stakeholders, planners and researchers through the development of tools and dissemination



Two tier approach

Pan-European scale:

- Scenario analysis & impact assessment of urban development patterns in Europe



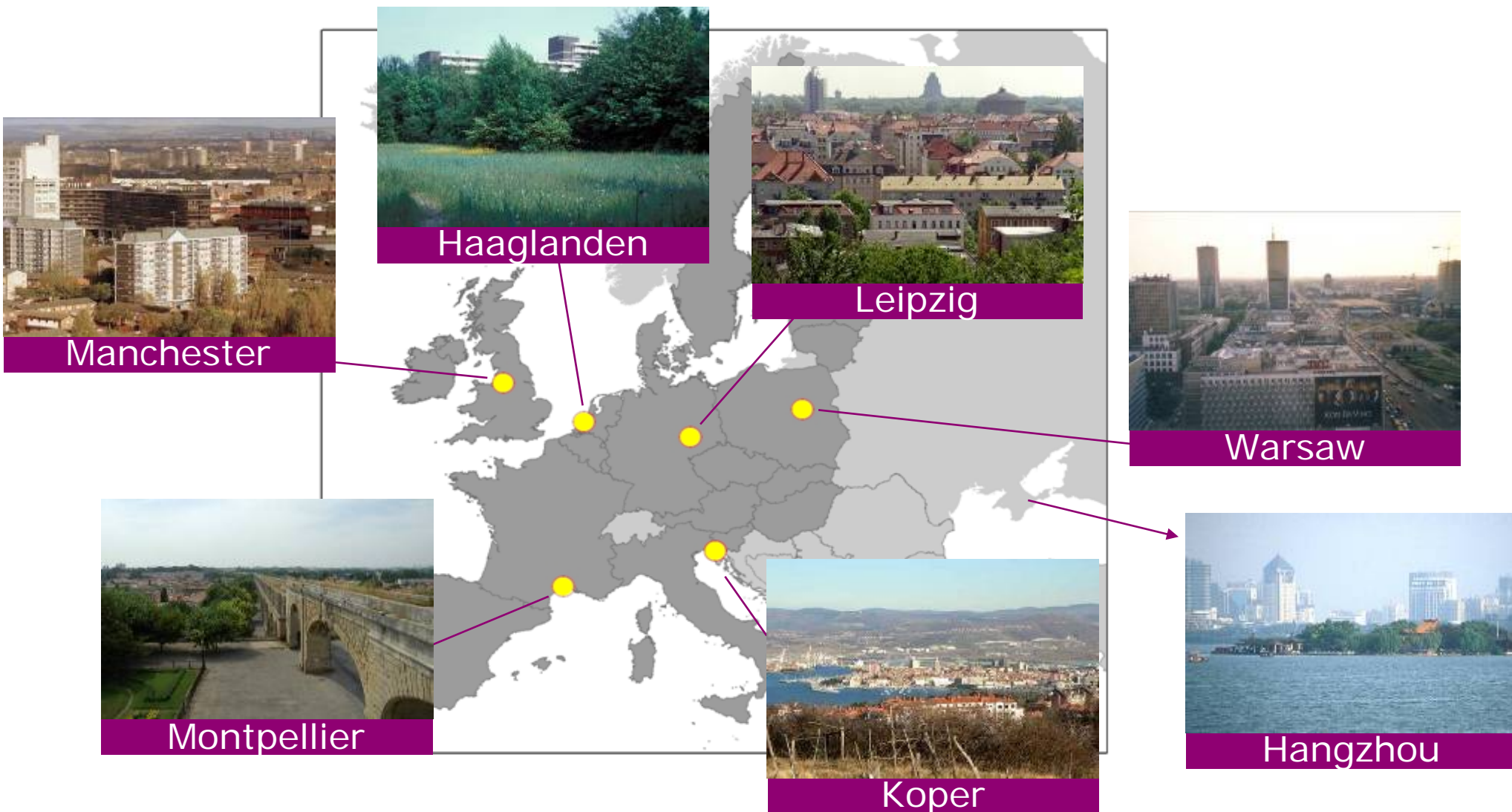
Regional scale:

- For scenario-analysis of policy options in close collaboration with regional stakeholders & impact assessment of land use changes





Case study regions



PLUREL Newsletter

1
Newsletter - March 2007



Science for Sustainable Rural-urban Regions

In the light of ongoing urbanisation, policy makers and scholars are asking their vision to rural-urban regions. Indeed, through the use of science, information, goods and services, science has the power to support the sustainable development of these complex, multi-functional regions.

Challenges of urbanisation
Urbanisation is a natural human activity that has shaped the world. However, the rapid pace of urbanisation in the last few decades has led to a number of challenges. These include the need to manage the increasing demand for land, water, and other resources, as well as the need to address the environmental and social impacts of urbanisation.

Urbanisation in the context of rural-urban regions
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2
Newsletter - October 2007



Governance and planning under scrutiny, for comparison and shared learning

Europe has a long tradition of urban planning and governance. However, the rapid pace of urbanisation in the last few decades has led to a number of challenges. These include the need to manage the increasing demand for land, water, and other resources, as well as the need to address the environmental and social impacts of urbanisation.

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3
Newsletter - March 2008



Scenarios – crystal balls for the urban fringe

Scenarios are visions of the future that help us to understand the world. They are used to explore the possibilities of the future and to help us to make decisions about the present. Scenarios are used in a number of ways, including to help us to understand the world, to explore the possibilities of the future, and to help us to make decisions about the present.

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4
Newsletter - September 2008



Defining region classes with similar characteristics

The study of the different regions of Europe is a complex task. It requires a deep understanding of the different regions and their characteristics. This newsletter provides a comprehensive overview of the different regions of Europe and their characteristics.

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5
Newsletter - March 2009



Peri-urban transition processes

The increasing number of urban areas and the increasing number of peri-urban areas are two of the most significant trends in the world. This newsletter provides a comprehensive overview of the different peri-urban areas and their characteristics.

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6
Newsletter - October 2009



Where will Europeans live in the future?

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7
Newsletter - May 2010



Sustainable urbanisation: new tool for impact analysis

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PLUREL – main products

- PLUREL XPLOERER with interactive Impact Analysis Tools (IIAT) and Land Use Change Simulation Maps
- A book on 'Peri-urban Futures for Europe', and a policy brochure on 'Peri-urbanisation in Europe'
- Training and demonstration materials, including
 - MOLAND demonstration version (open access)
 - MOLAND light version (for trained stakeholders)
 - Demonstration of ABM, and QoL simulator tool
 - Guidance on transition management

PLUREL Xplorer

Home

xplore!

PLUREL

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PLUREL Xplorer v0.69b

The **PLUREL** project: Peri-urban Land Use Relationships - Strategies and Sustainability Assessment Tools for Urban-Rural Linkages is a European integrated research project within the European Commissions sixth framework programme. The **PLUREL Xplorer** provides a coherent information platform for users both inside and outside the scientific community to disseminate the knowledge gathered by PLUREL.

Peri-urbanisation:

Please click a button to start xplore! PLUREL's results...

Processes

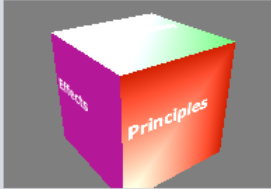
Problems

Places


...or click here for an Xplorer full text search:

Fact Sheet Hist: << >>


Principles



Problems (click to enlarge)



Places



PLUREL applications and products

iIAT

QoLSim

MOLANDLight

ABMLand

GIS Recreat.

SysDyn Model

Print products...

WWW.PLUREL.NET

PLUREL
International

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Info for policy
makers
Case study
regions
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Links
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Welcome

The PLUREL project: **Peri-urban Land Use Relationships - Strategies and Sustainability Assessment Tools for Urban-Rural Linkages** is a European integrated research project within the European Commissions *sixth framework programme*. The project began on the first of January 2007 and is expected to end the 31st of December 2010. [Download a short presentation of the project here.](#)

The webpages consists of a public section and an internal section that will only be available to the participants in the project. The project newsletter, reports and other news items will be made available on the public site as the project evolves. The internal section will serve the practical function of exchange between project partners.

Latest news:

5th PLUREL
newsletter,
March 2009

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INTERNATIONAL
CONFERENCE

MANAGING THE
URBAN RURAL
INTERFACE

COPENHAGEN
OCT. 18-21
2010



Next project
meeting
Oct. 12 - 15
in Montpellier



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PLUREL
newsletter >