



URBAN EUROPE

Global Challenges – Local Solutions

Proposal for a Joint Programming Initiative

GPC Meeting
04 May 2010, Brussels



Urban Europe – Global Challenges

Society

Social Restructuring
Segregation

Ecology

Climate change
Degradation

Mobility

Congestion
Emission

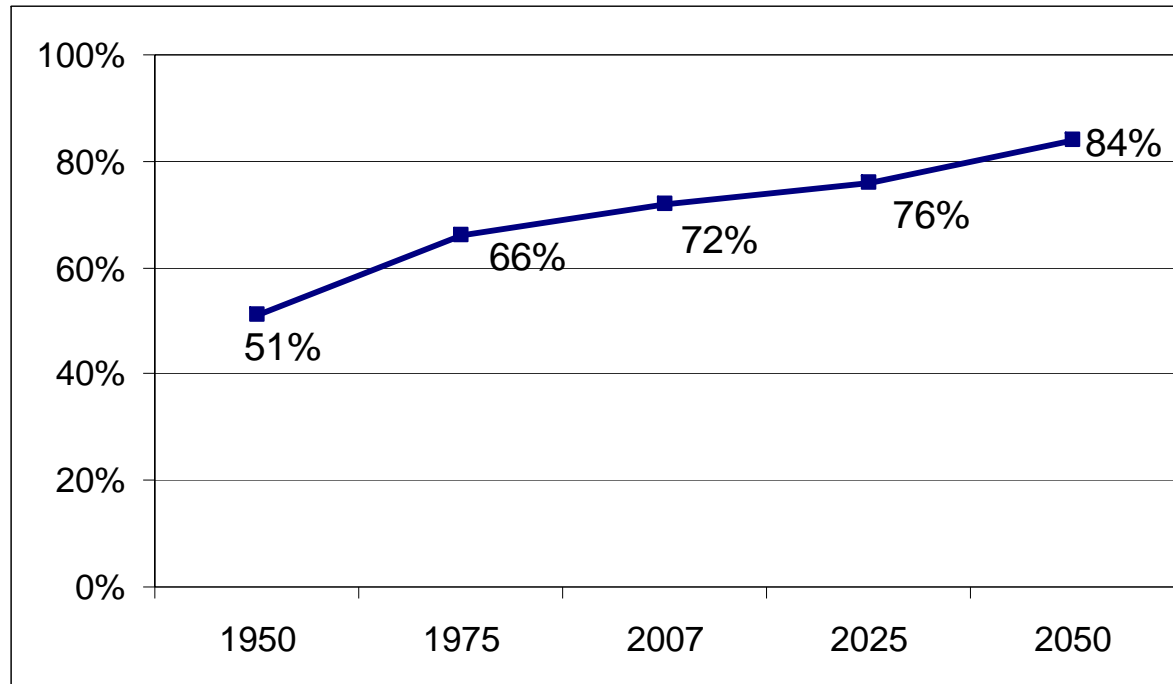
Economy

Brain drain
Stagnation



Urban Europe – Society

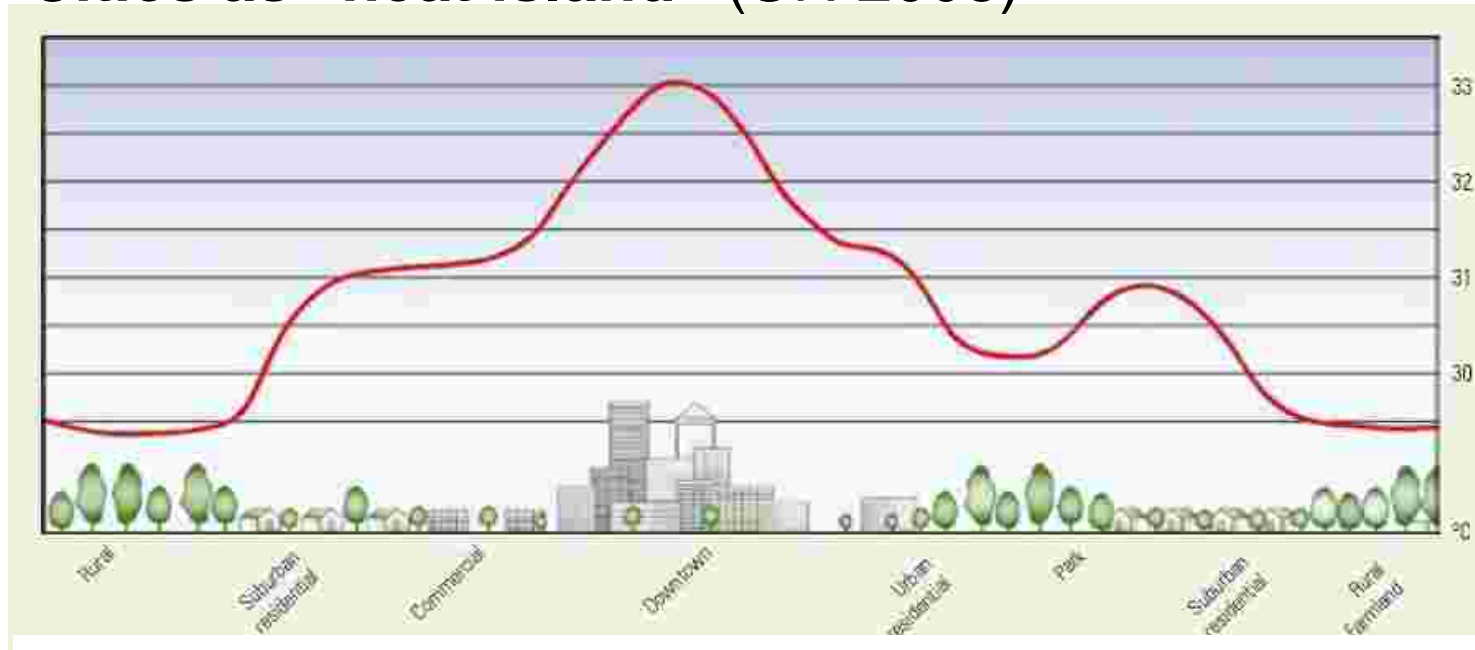
Trends in Urbanisation in Europe 1950-2050, UN 2009



- Immigration makes up 1/3 of urban growth
- Migrant circulation
- Social Re-structuring (60+, ethnic variety,...)
- (Re) emerging problems: poverty, homelessness, crime



Cities as “heat island“ (UN 2008)



- **Climate change** and temperature rise
- Increasing **energy consumption** (e.g. cooling appliances)
- **1°C increase in temperature** → **3-5% increase in electricity load**

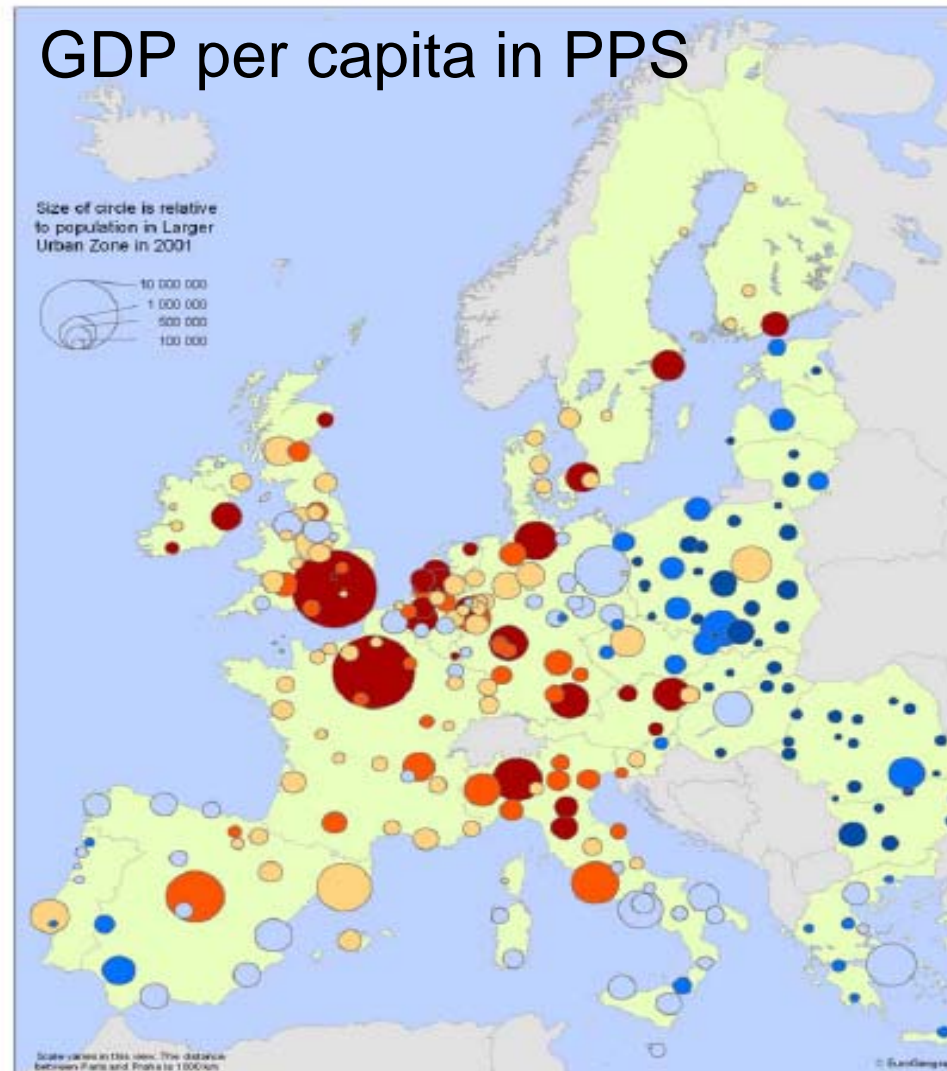


Urban Areas and Transportation

- **Congestion costs:** 100 billion Euro - 1% of the EU's GDP annually
- **40% of CO² emissions:** caused by road transport
- **Road accidents:** health effects, damage to vehicles, expenditure for police



Urban Europe – Economy and Innovation



- **Centres of economic and innovative activities (80% of GDP, R&D)**
- **Competition of cities on a global scale**
- **Specialisation in and connections between urban areas**

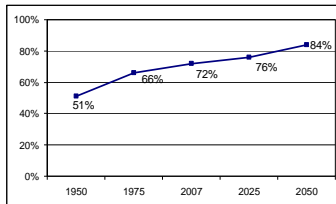




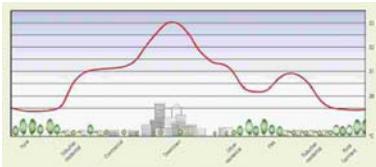
Urban Europe at the Crossroads: Quo Vadis?



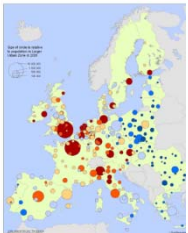
Urban Europe – Local Solutions



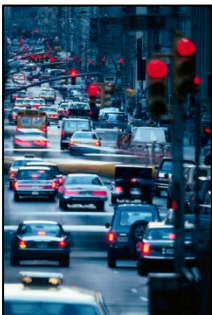
→ **Social Cohesion and Integration**



→ **Sustainability and Minimization of Ecological Footprint**



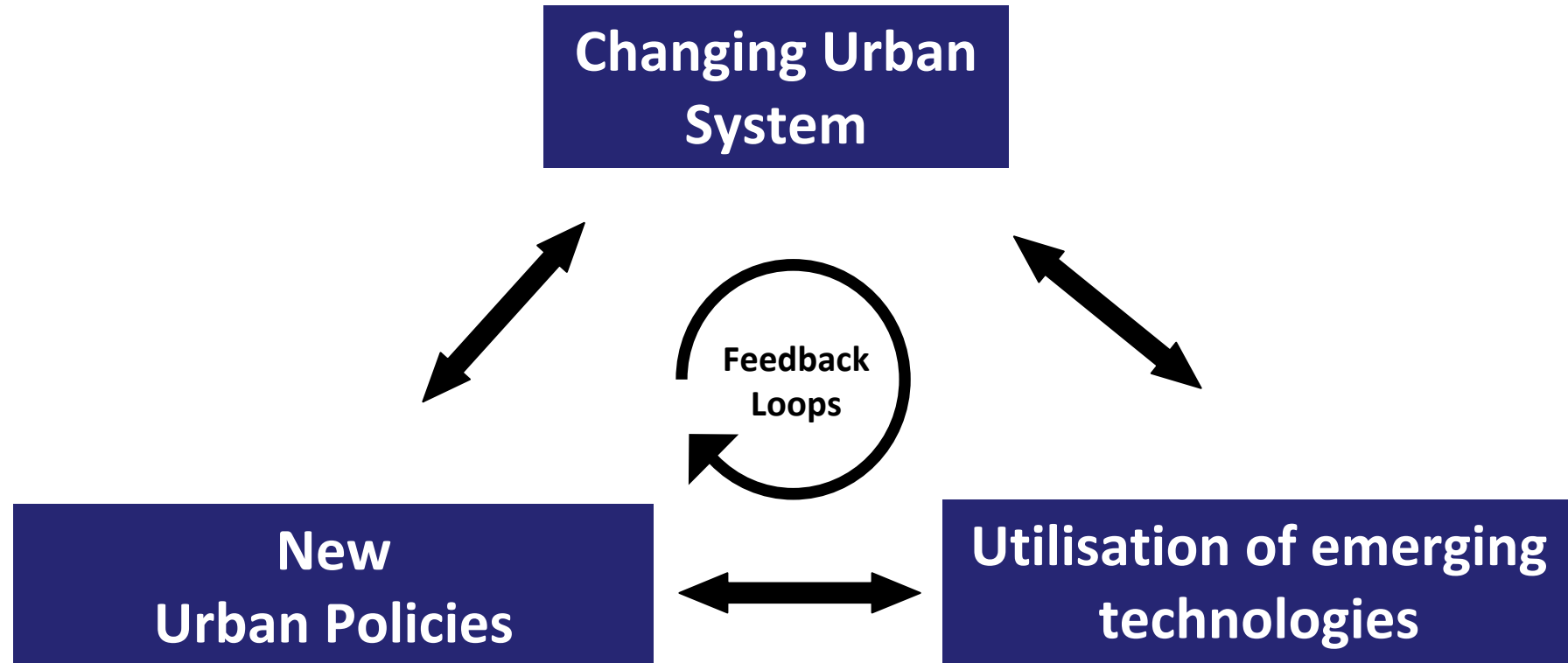
→ **Innovation Hubs and Living Labs**



→ **Intelligent intra- and inter-urban Transport, Logistic and Communication Systems**

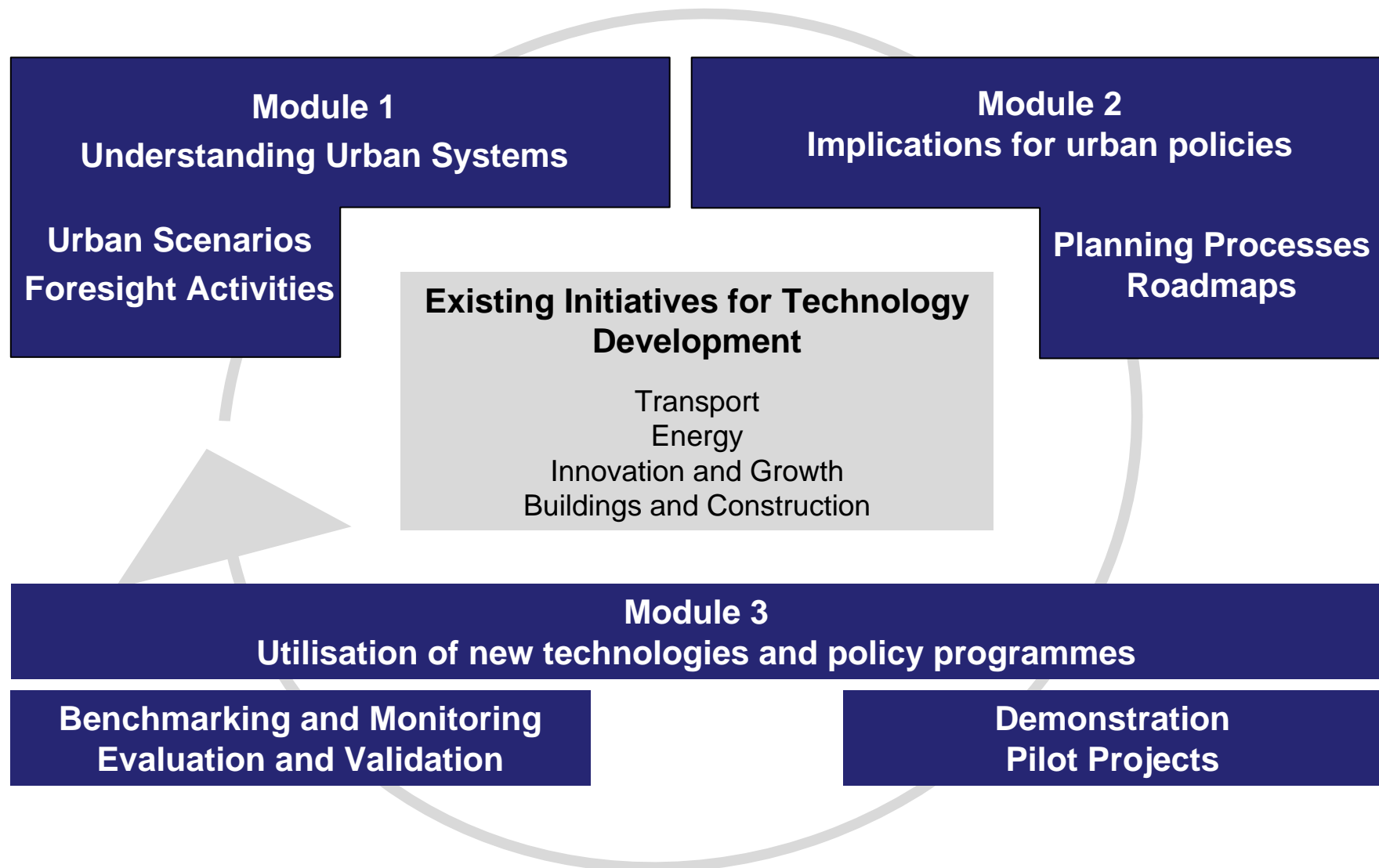


Urban Europe – A Systemic Approach





Urban Europe – Modules





Urban Europe – Added Value



- **An integrative perspective - understanding and shaping urban future**
- **Creating feasible tools for European policy makers**
- **Learning community – Increasing research on EU level in **efficiency** and **comprehensiveness****



Urban Europe – Joining Forces

Proposing countries (9)

Austria, The Netherlands,
Finland, France, Ireland, Italy,
Sweden, Switzerland, Turkey

Interested countries (13)

Belgium, Bulgaria, Denmark,
Estonia, Malta, Norway,
Romania, Slovakia, United
Kingdom, Germany, Israel,
Hungary, Czech Republic

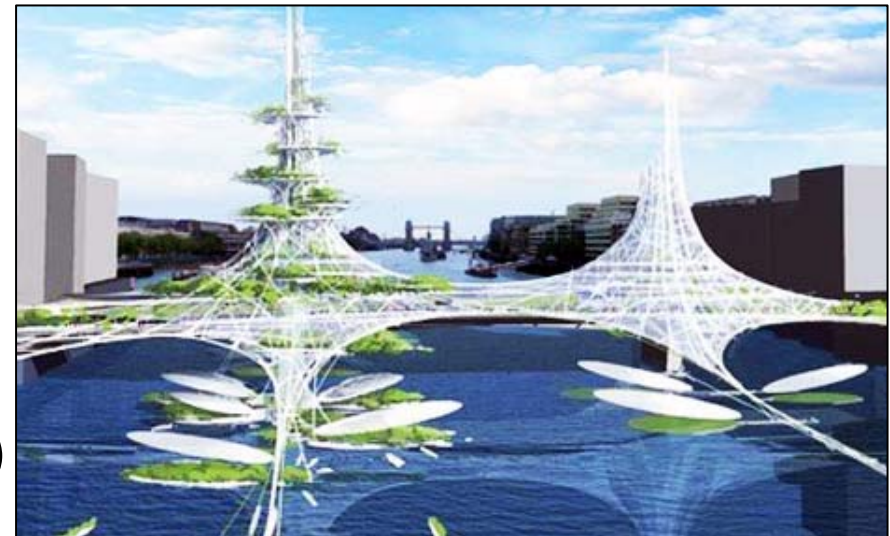




Urban Europe – Creating Complementary Approaches

Involved Initiatives

- ERA-net “urban-net”
- ERA-net “transport”
- POLIS
- European Energy Research Alliance (EERA)
- European Construction Technology Platform (ECTP)
- Trans European Transport Networks (TEN-T)
- The Freight Logistics Package 2007



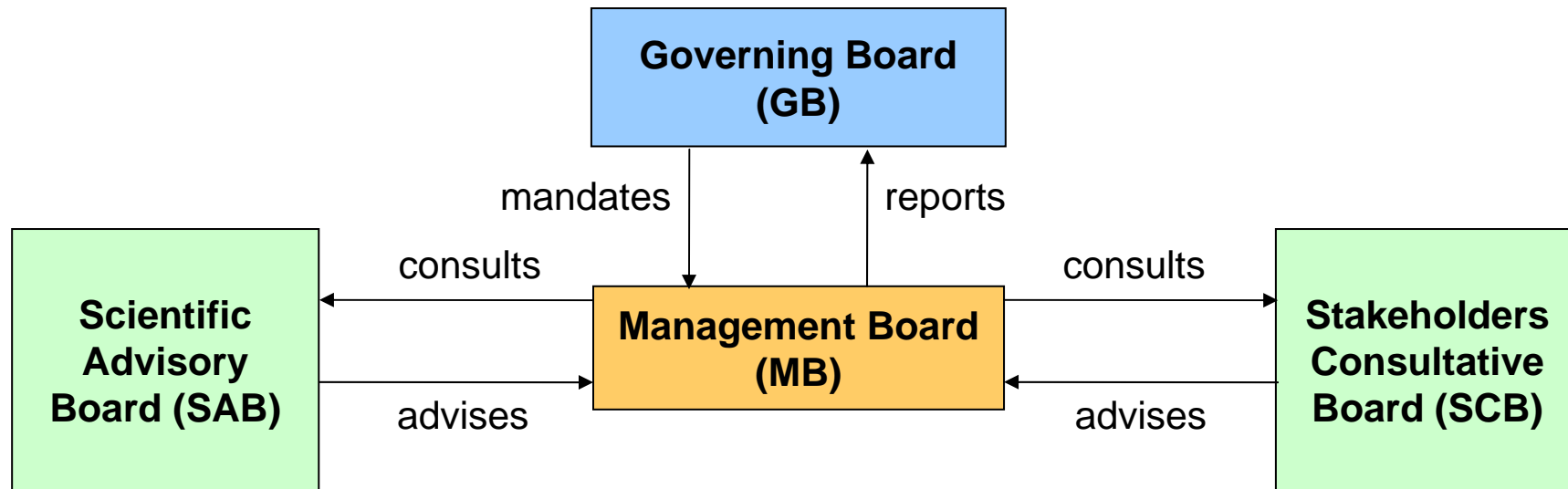
+ contacts with relevant EC services



Urban Europe – the way forward



Proposed Governance Structure





Proposed Governance Structure

- **Governing Board (GB)**
 - overall political, strategic and financial orientation
 - core group countries and the interested countries
- **Management Board (MB)**
 - funding structure, application procedures, monitoring and evaluation processes, working and communication methods
- **Scientific Advisory Board (SAB) and Stakeholders Consultative Board (SCB)**
 - developing strategic research agenda
 - Support of the JPI



Next steps

| | |
|---|-------------|
| First meeting Interim Steering Committee | May/June |
| First meeting Governing Board | Mid-June |
| Set-up of the Management Board (MB) and Scientific Board (SB) | Summer |
| First meetings of MB and SB to development the strategic research agenda and implementation structure | Autumn |
| Final development of documents and instruments for the potential launch of the JPI Urban Europe | Spring 2011 |



Urban Europe – Getting involved

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