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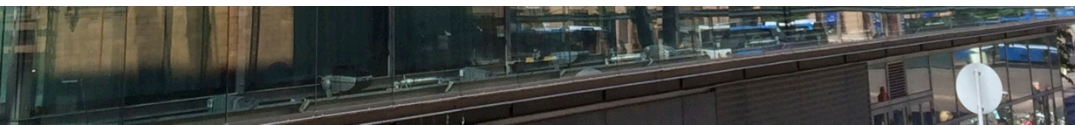
This project is co-funded  
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# URBAN INNOVATIONS

2014-15  
PROTOTYPING  
PROBLEM SOLUTIONS  
IN EUROPEAN CITIES  
& REGIONS

 EUROPEAN UNION  
ACADEMIC PROGRAMME  
HONG KONG







## “EU Strategy 2020: Impact on Urban Planning”

Prof. H. Werner Hess, Deputy Director, EUAP / Weronika Cycak, Research Assistant  
EUAP

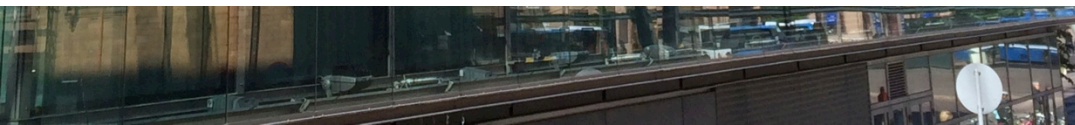
Presentation at the Expert Colloquium with Prof. Dr. Gerd Schwandner, Former  
Mayor of City of Oldenburg

6 February 2015 (fri), 12:30 - 3:20 PM

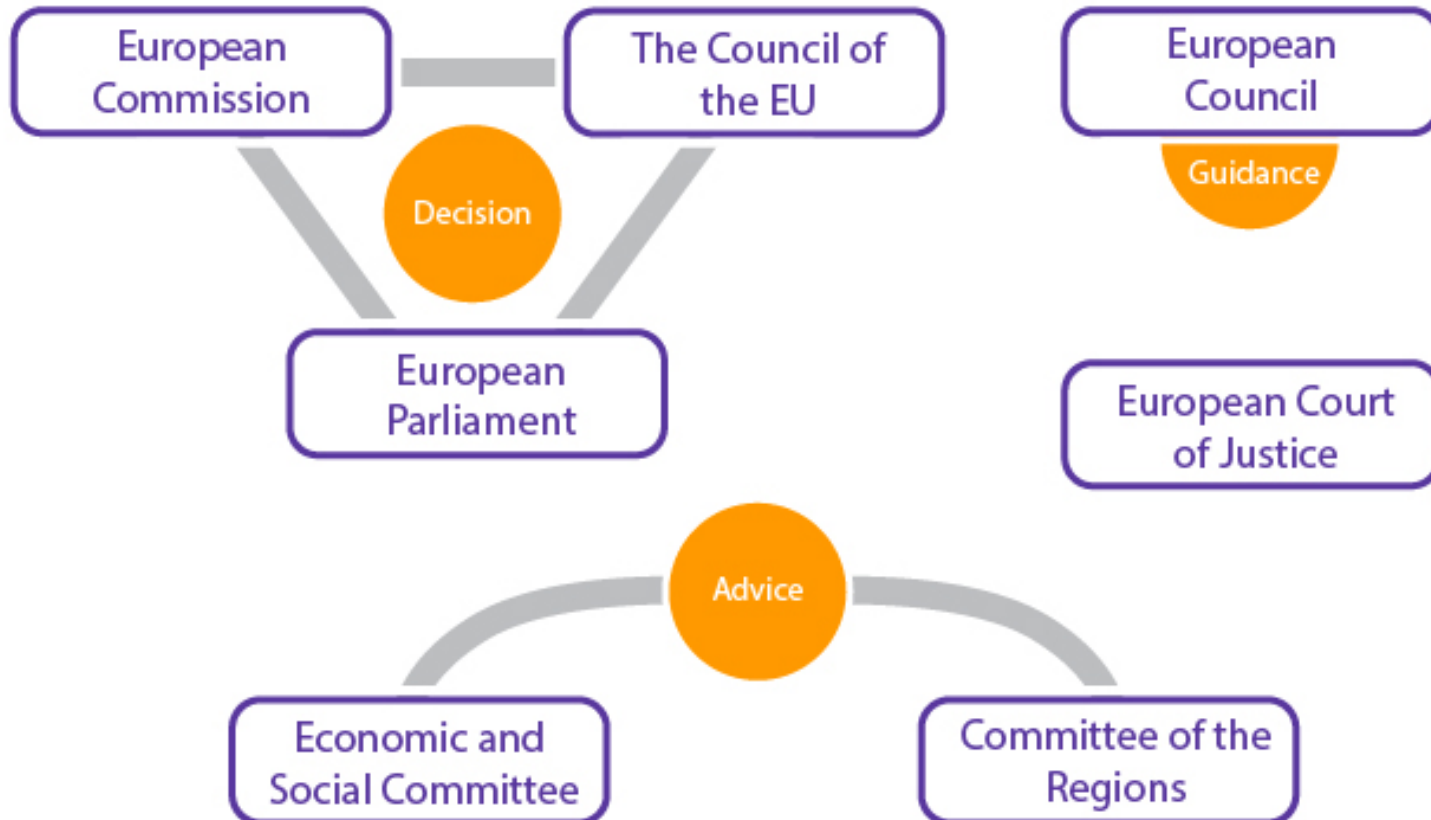
AAB1123, 11/F, Academic & Administration Building, Hong Kong Baptist University,  
15 Baptist University Road, Kowloon Tong



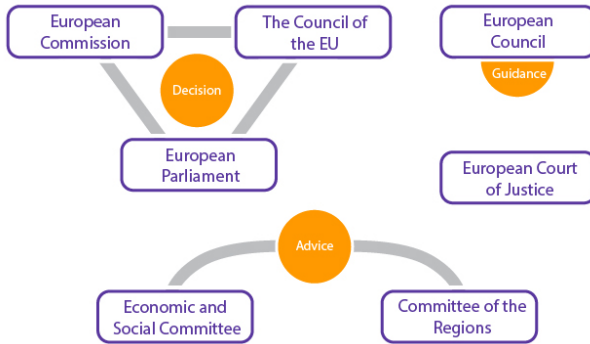
# URBAN INNOVATIONS



# EU institutions



# European Commission



- Regional and urban Policy (REGIO)
- Employment, Social Affairs and Inclusion (EMPL)
- Environment (ENV)
- Mobility and Transport (MOVE)
- Research and Innovation (RTD)
- Education and Culture (EAC)
- Communications Networks, Content and Technology (CNECT)
- Eurostat (ESTAT)

EUROPEAN UNION



## Committee of the Regions

### The new national composition of the Committee of the Regions

<u>State</u>	<u>Members</u>	
Germany	24	Belgium
Ireland	9	
United Kingdom	24	Hungary
Croatia	9	
France	24	Portugal
Lithuania	9	
Italy	24	
Sweden	12	Latvia
Spain	21	Bulgaria
12		
Slovenia	7	
Poland	21	Austria
Estonia	6	
Romania	15	
Slovakia	9	Cyprus
Netherlands	12	Denmark
Luxembourg	5	
Greece	12	Finland
Malta	5	
Czech Republic	12	
<b>TOTAL</b>	<b>350</b>	



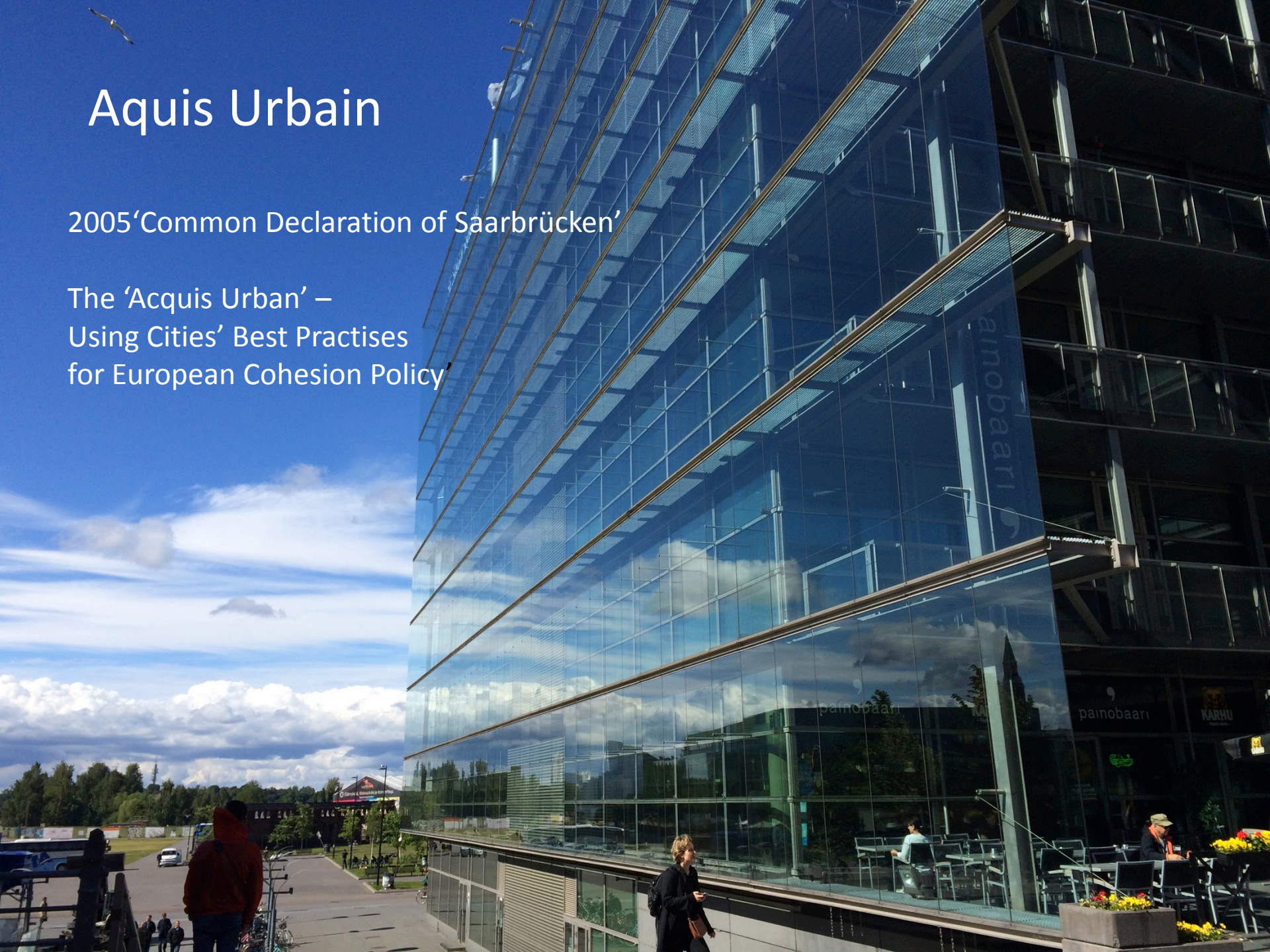
2007 Lisbon Treaty on the Functioning of the European Union



# Aquis Urbain

2005 'Common Declaration of Saarbrücken'

The 'Acquis Urban' –  
Using Cities' Best Practises  
for European Cohesion Policy





**Territorial Agenda 2020**

*Where the most developed cities and regions within Europe cooperate as parts of a polycentric pattern they add value and act as centres contributing to the development of their wider regions. (...) Polycentric territorial development policy should foster the territorial competitiveness of the EU territory [as a whole]'. We encourage cities to form networks in an innovative manner, which may allow them to improve their performance in European and global competition and promote economic prosperity towards sustainable development."*

**Main challenges:**

- Global structural changes of the economic crisis
- Growing interdependences of EU regions
- Demographic and social changes
- Diverse impact of climate change and the environment
- Energy concerns
- Loss of biodiversity
- Vulnerable natural, landscape and cultural heritage



# EUROPE 2020

- Smart, sustainable, inclusive growth
- Economic recovery





# 5 targets



## Employment

- 75% of the 20-64 year-olds to be employed

## R&D / innovation

- 3% of the EU's GDP to be invested in R&D/innovation

## Climate change / energy

- greenhouse gas emissions 20% lower than 1990
- 20% of energy from renewables
- 20% increase in energy efficiency

## Education

- Reducing school drop-out rates below 10%
- at least 40% of 30-34-year-olds completing third level education

## Poverty / social exclusion

- at least 20 million fewer people in or at risk of poverty and social exclusion

# 7 flagship Initiatives





# 7 flagship Initiatives



# EUROPE 2020



Member States → National Reform Programmes → Urban Actions

# Cohesion Policy



- Growth and jobs
- European territorial cooperation

## **11 thematic objectives:**

- Research and Innovation
- ICT
- SME competitiveness
- Low carbon economy
- Adaptation and risk management
- Environment and resource efficiency
- Sustainable transport and network bottlenecks
- Employment and labour mobility
- Social inclusion and poverty
- Education
- Institutional capacity



# Regional Policy Implementation

EU Commission, EU Council, EU Parliament →  
rules and budget



EU Member States → Partnership Agreements  
(propose operational programmes)

EU Commission & Member States →  
negotiations and approval

Local and regional authorities → projects

EU Commission → funding and supervision

# Cohesion Policy 2014-2020



- Urban innovative actions
- Integrated Territorial Investments
- Community-led Local Development
  
- The Network for Urban Development



# Structural Funds

- European Regional Development Fund – 5% integrated actions for sustainable urban development
- European Social Fund
- Cohesion Fund

## Special financial instruments 2007-2013

- EU Commission, European Investment Bank
- Revolving financial instruments
- JESSICA (Joint Force Support for Sustainable Investment in City Areas)



# HORIZON 2020



- R&D
- Innovation Union
- 2007-2013 - Seventh Framework Programme for Research (FP7) and the Competitiveness and Innovation Framework (CIP)



# 7<sup>th</sup> Framework Programme

- Sustainable development (CIVITAS, URBAN-NEXUS)
- Entrepreneurship, social innovation (WILCO, SOCIAL POLIS, CITISPYCE)
- Smart energy (TRANSFORMAtion Agenda for Low Carbon Cities, Networking Intelligent Cities for Energy Efficiency)

# CIVITAS – Malmö



- CIVITAS SMILE – 2005-2009
- Malmö, Norwich, Potenza, Tallinn and Suceava
- Multiple stakeholders: City of Malmö, Region Skåne, Malmö University, business

# Initiatives



- [Developing a clean municipal fleet](#)
- [Biogas in the grid](#)
- [Clean heavy goods vehicles in company fleets](#)
- [Adapting the university hospital's fleet](#)
- [Extending environmental zones for heavy goods vehicles](#)
- [Subsidised parking for clean vehicles](#)
- [Marketing new bus routes](#)
- [Improving security and safety on buses with CCTV](#)
- [Integrating cycling with public transport](#)
- [Car sharing for individuals and businesses](#)
- [Freight driver support](#)
- [Satellite-based traffic management](#)
- [Sustainable logistics for the food industry](#)
- [Managing mobility needs in the private and business sectors](#)
- [Eco-driving training for municipal employees](#)
- [Real-time information for passengers with in-vehicle displays](#)
- [Introducing new traffic signals](#)
- [Mobile Internet bus information service](#)
- [Internet tool for traffic planning](#)
- [Eco-driving training for hospital employees](#)
- [Eco-driving training for lorry drivers](#)
- [Installing a bus priority system](#)



# Competitiveness and Innovation Framework

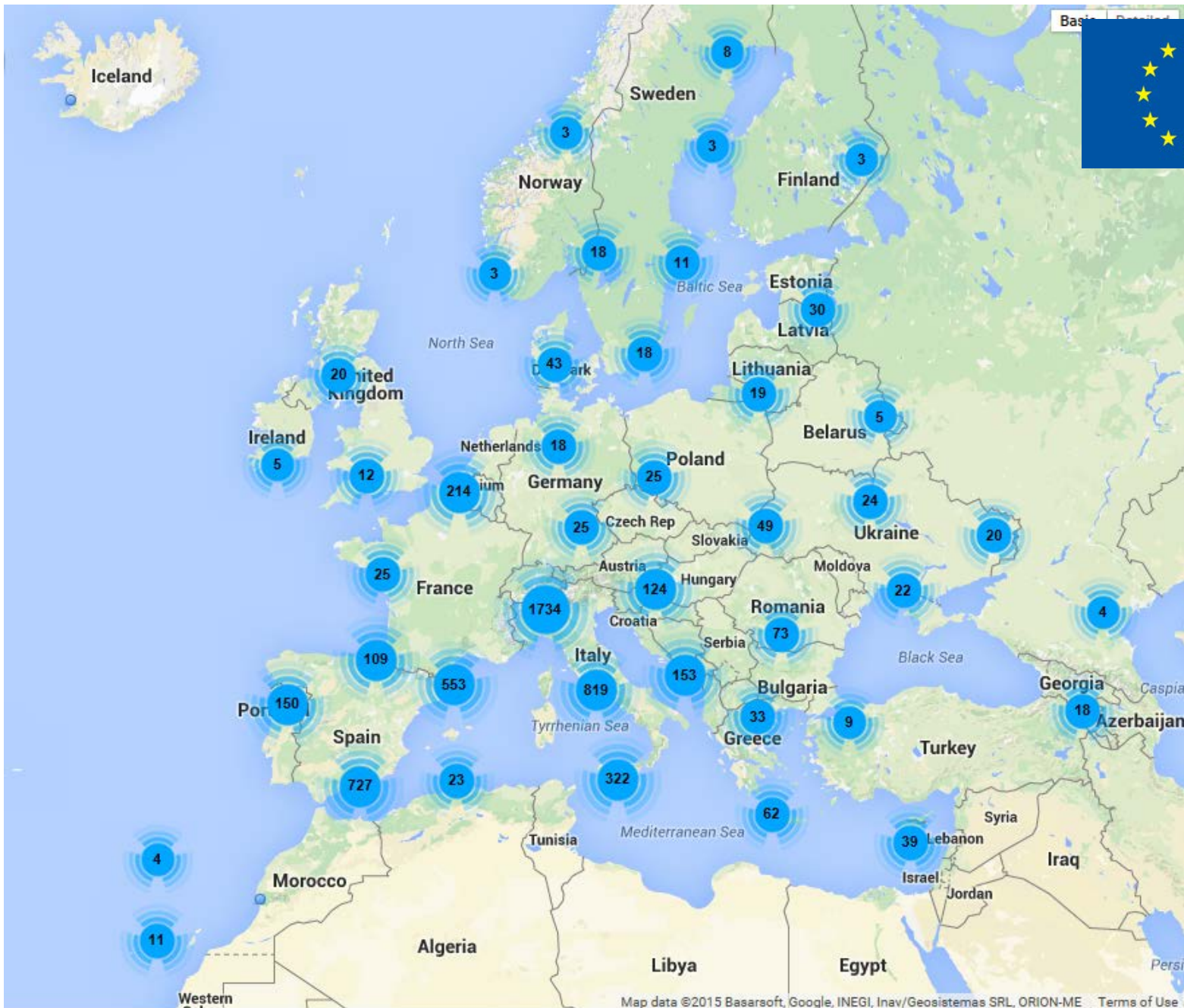


- the Entrepreneurship and Innovation Programme
- Information and Communication Technologies Policy Support Programme
- Intelligent Energy Europe Programme (Europe 2020 targets)

## IEE example – Covenant of Mayors



- Local and regional authorities
- Supports EU objectives
- Lower energy consumption and CO<sub>2</sub> emissions
- Voluntary commitments





# Toward EU Urban Agenda



Urban Pilot Projects (1990-1999)

URBAN Community Initiative

(URBAN I (1994-1999) URBAN II (2000-2006))

Ministerial meetings:

Lille 2000: Lille Action Programme

Rotterdam 2004: Acquis URBAN

Bristol 2005: Bristol Accord

Leipzig 2007: Leipzig Chart on Sustainable Cities

Marseilles 2008: Marseille Declaration

Toledo 2010: Toledo Declaration

# Territorial Cooperation



**Interreg**  EUROPEAN UNION

## 2014-2020



Cross-border Interreg VA		Transnational Interreg VB	Interregional Interreg VC	
<b>60</b>	Cooperation programmes Internal Borders	<b>15</b>	Cooperation programmes	<b>4</b> Cooperation programmes  INTERREG EUROPE INTERACT URBACT ESPON
<b>12</b>	Interreg IPA Instrument for Pre-accession	<b>2.1</b>	€ billion	
<b>16</b>	(Interreg) ENI CBC European Neighbourhood Instrument	<b>6.6</b>	€ billion	
				<b>0.5</b> € billion

\* ERDF contribution

# URBACT

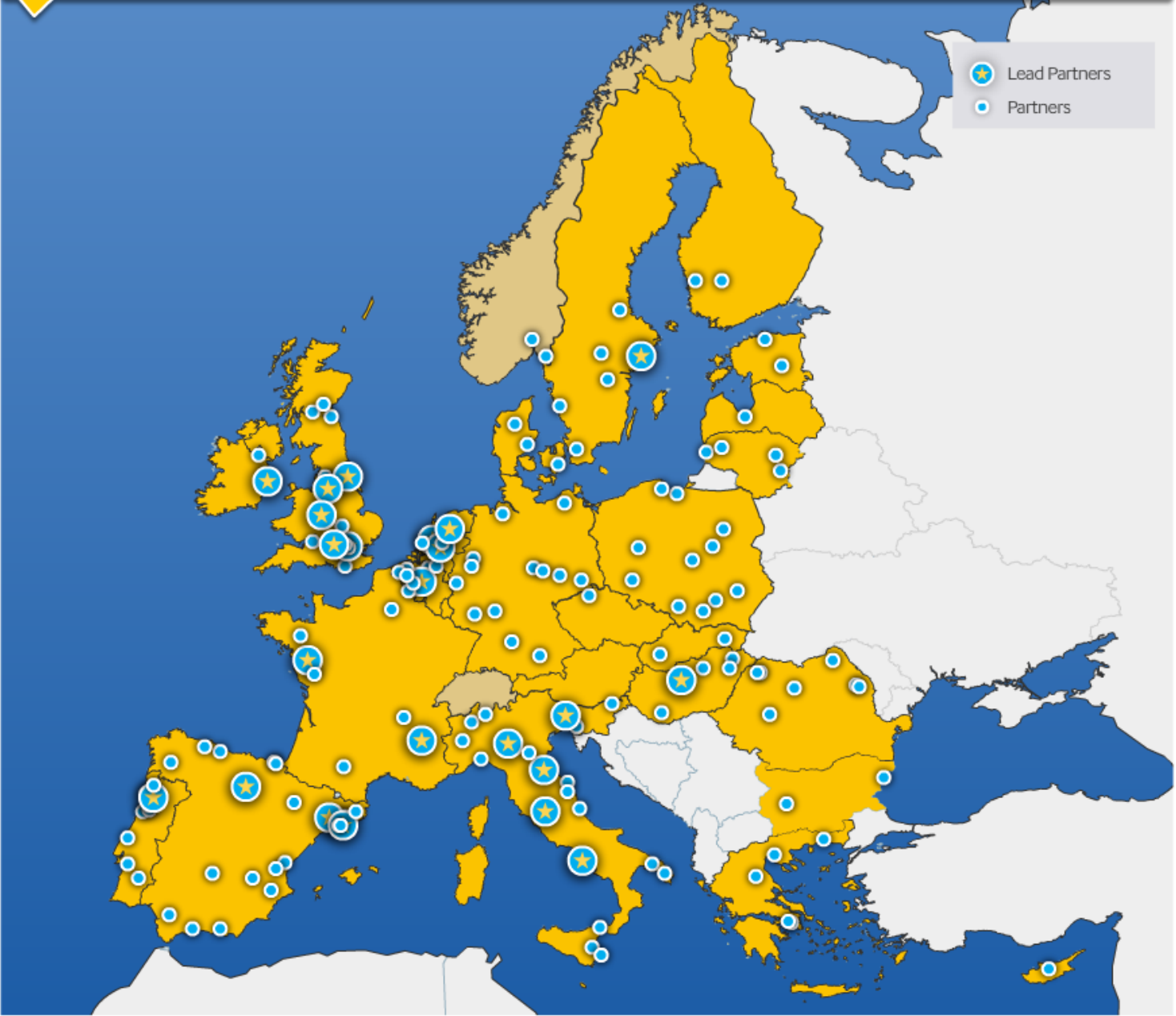


- Network platform
- the Cohesion Policy and Europe 2020
- Projects in 9 areas





Lead Partners  
Partners





# Cooperation platforms

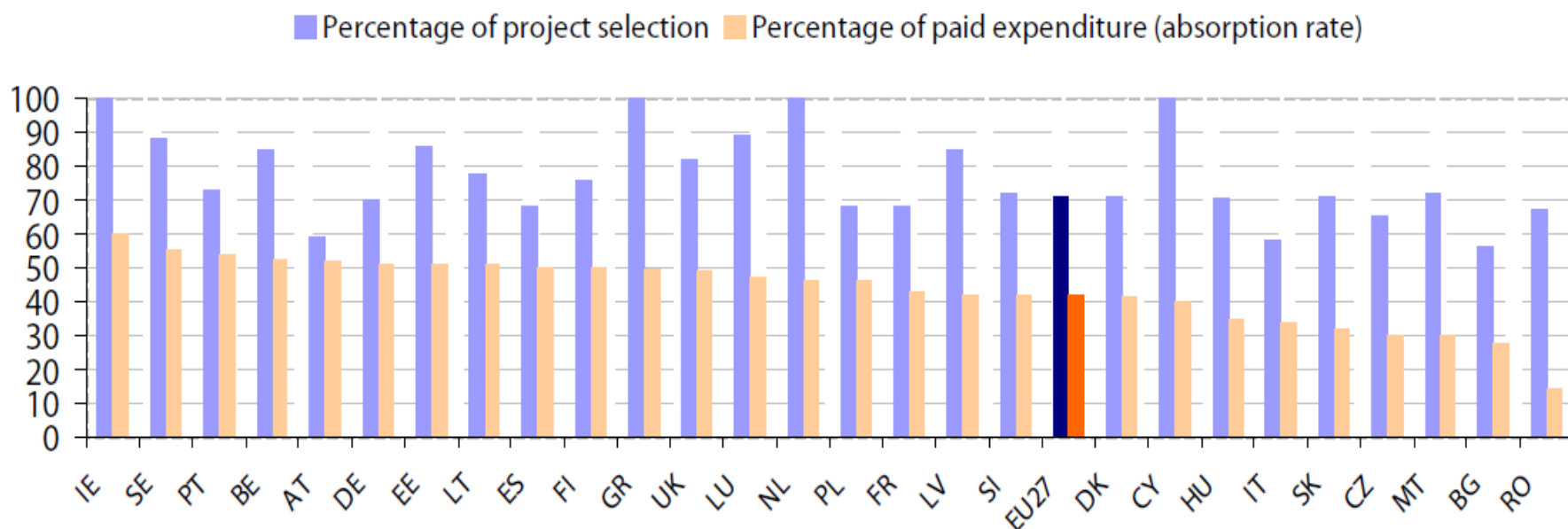


- EUROCITIES
- The Network of European Metropolitan Regions and Areas (METREX)
- ICLEI network of sustainable cities
- Reference Framework for European Sustainable Cities (RFSC)
- European Urban Knowledge Network (EUKN)

# Low funds absorption



Figure 3: Percentage of project selection (2007-11) and paid expenditure (2007-January 2013)



Source: <http://www.europarl.europa.eu/eplibrary/The-low-absorption-of-EU-Structural-Funds.pdf>

# Low funds absorption



- Administrative capacity
- MS co-financing
- Political stability
- Changes in legislation

# Challenges



- Complexity of funding regulations
- Shared management of Cohesion Policy
- Inconsistencies between EU actions and cities needs
  
- Multi-level governance
- Top-down and bottom-up





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