



Baltic Sea Region Urban Forum for Smart Cities - a market place for smart solutions

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Measuring Progress: Achieving Smarter Cities

26 – 27 May 2015

Lisbon Congress Centre, Portugal

Council of the Baltic Sea States

- Overall political forum for regional inter-governmental cooperation in the BSR
- Members: the 11 states of the Baltic Sea Region (incl. Russia, Norway and Iceland), the European Commission
- Steered by the BSR Ministries of Foreign Affairs
- 10 Observer states
- www.cbss.org



Characteristics



Homogenous region with long cooperation tradition and high level of networking

*CBSS , Nordic Council of Ministers, Arctic Council
BSSSC (sub-regions), UBC (cities)*

VASAB (spatial development), HELCOM (marine protection)

BASREC (energy), BDF (business)

BSR Climate Change Dialogue Platform

Baltic Waste Management Council

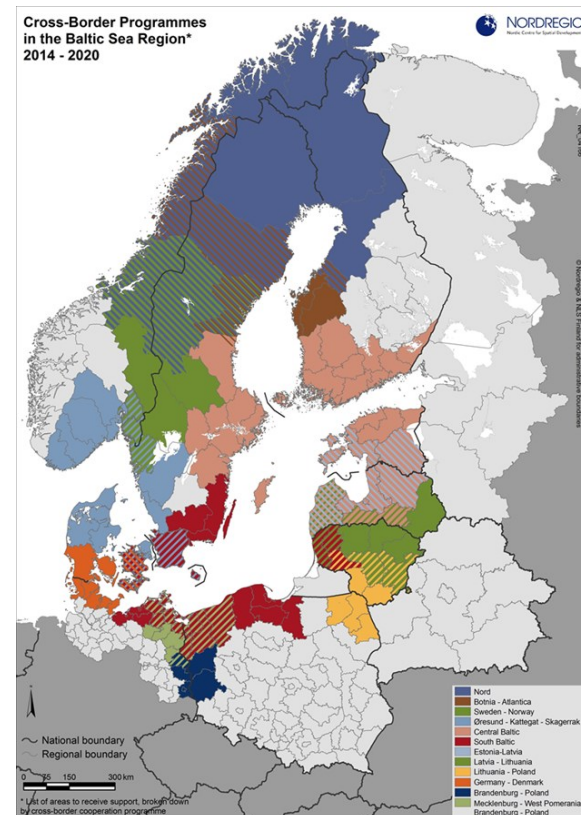
BSR Network on Sustainable Cities and Villages



Characteristics

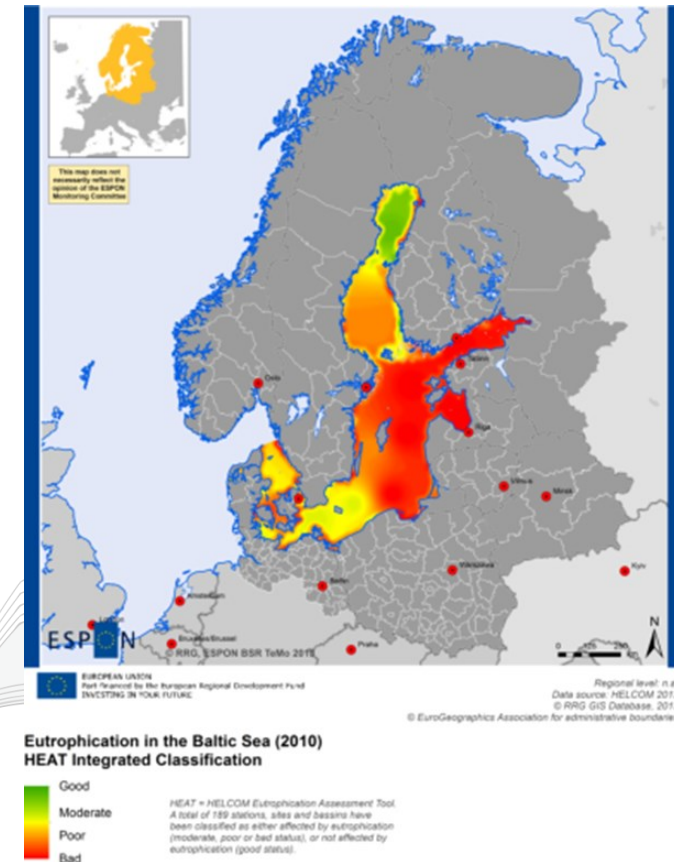
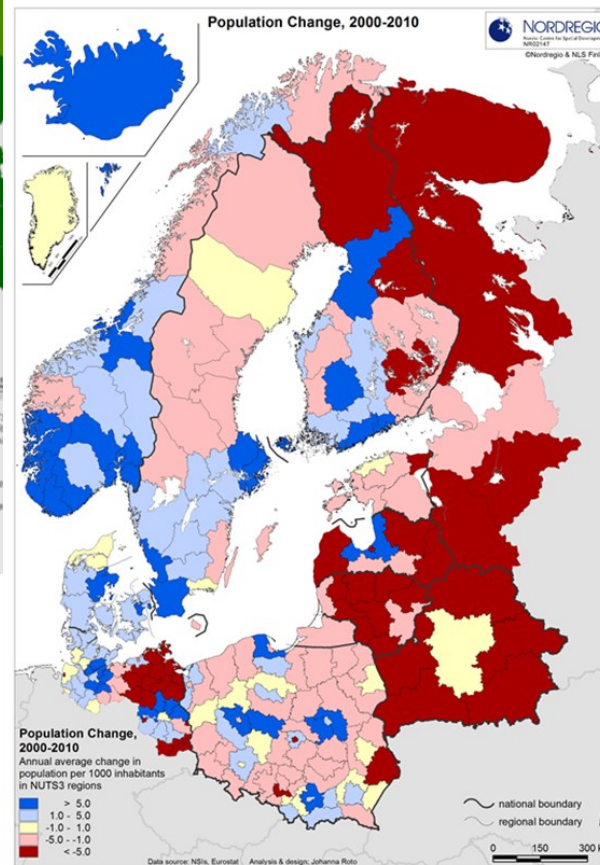
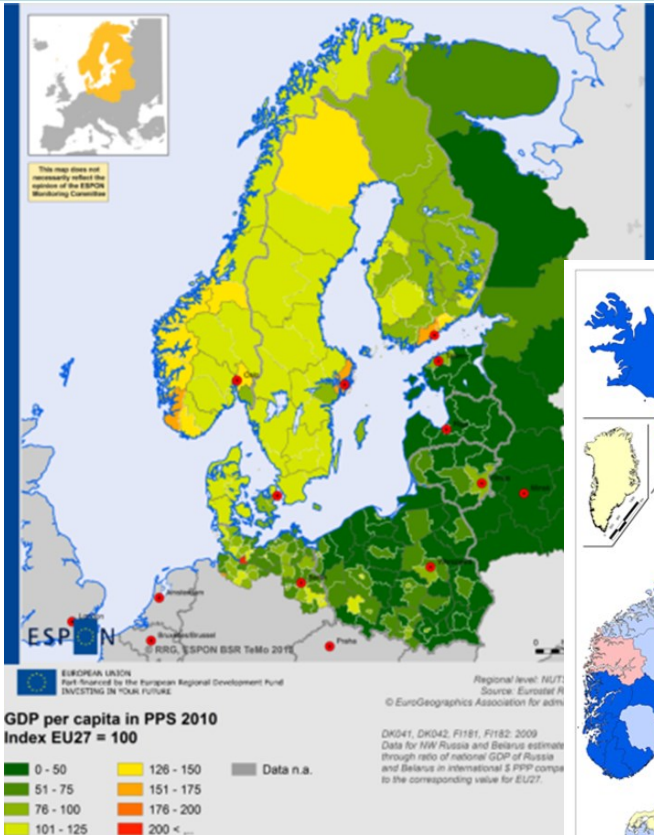
Joint strategic objectives & priorities

A number of instruments financing the cooperation



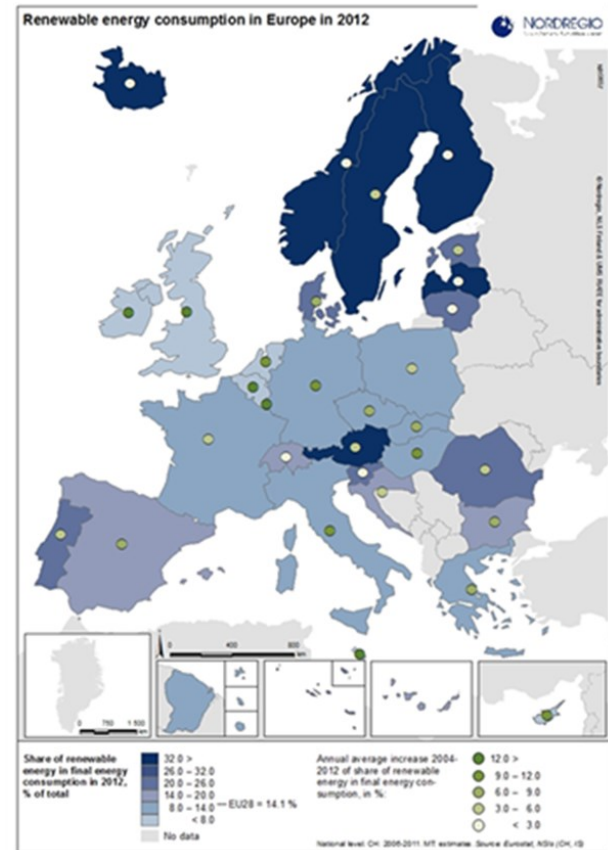
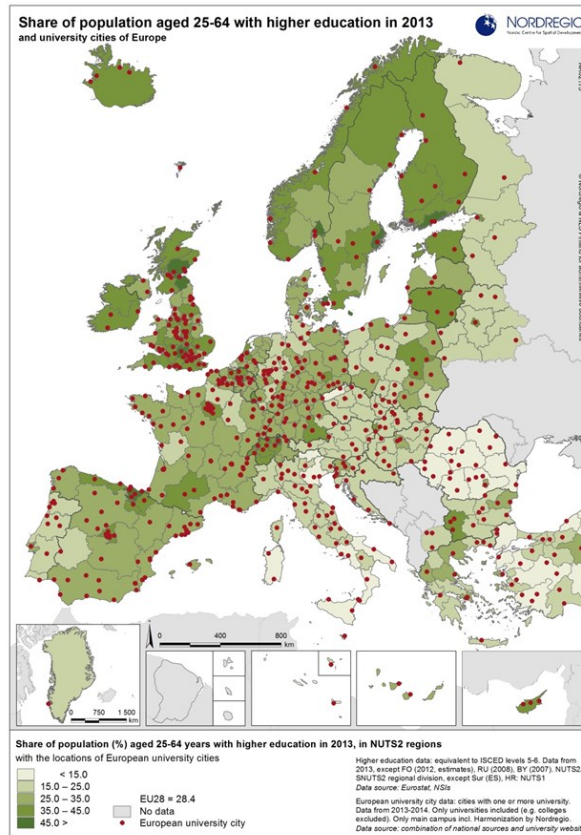
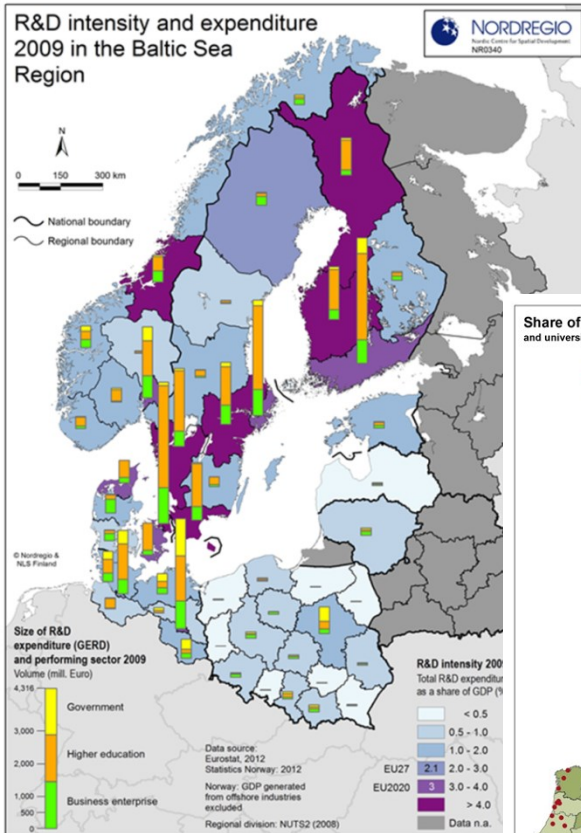
Common challenges and trends

- East-west divide in economic development.
- Diverse pattern of both growing and shrinking regions.
- State of the Baltic Sea



Common challenges and trends

- High education and innovation performance level
- Highly innovative 'hotspots'
- High share of renewable energy production and consumption.



Union of the Baltic Cities

Established 20 years ago, in 1991

107 member cities in 10 countries

Forerunner capitals:

Berlin and Copenhagen amongst of world top 10 smart cities (*Boyd Cohen*)

Copenhagen, Stockholm, Oslo, Helsinki, Berlin among top ten European Green Cities (*Siemens Green City Index*)



A lot is going on...

Strategic work in cities

Green Digital Charter signatories

Campaigns and Networks

Resilient cities

Covenant of Mayors

Danish Smart Cities

Informed Cities

Conferences, workshops etc

- But Not Enough!!!
- More dynamic and systematic approach needed
- More Strategies to Action!



Discovered challenges...



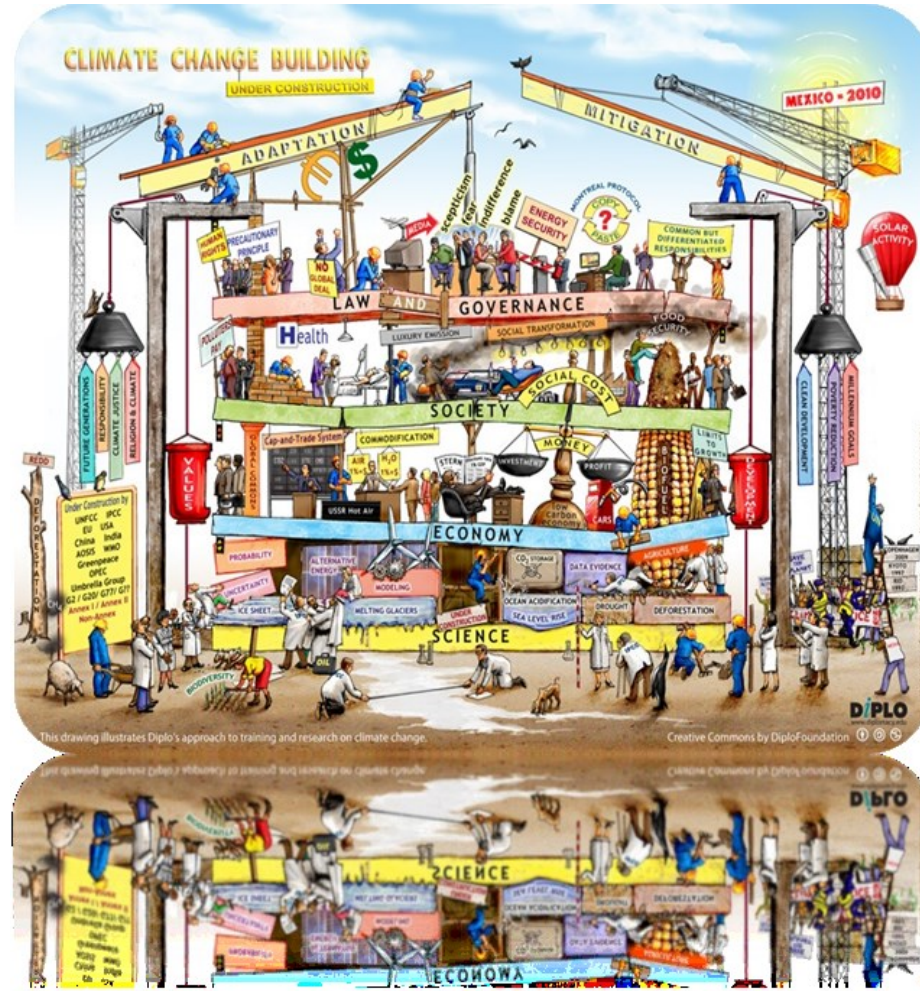
...on the way of smarter and more sustainable cities

- The majority of the BSR **cities are small and medium size** - different challenges than the global metropolises.
- Lack of **experience and awareness** of smart solutions
- Lack of **competence** and capacity in advancing governance and procurement
- Insufficient best practice **transfer and testing possibilities**
- Lack of **regional coordination framework**

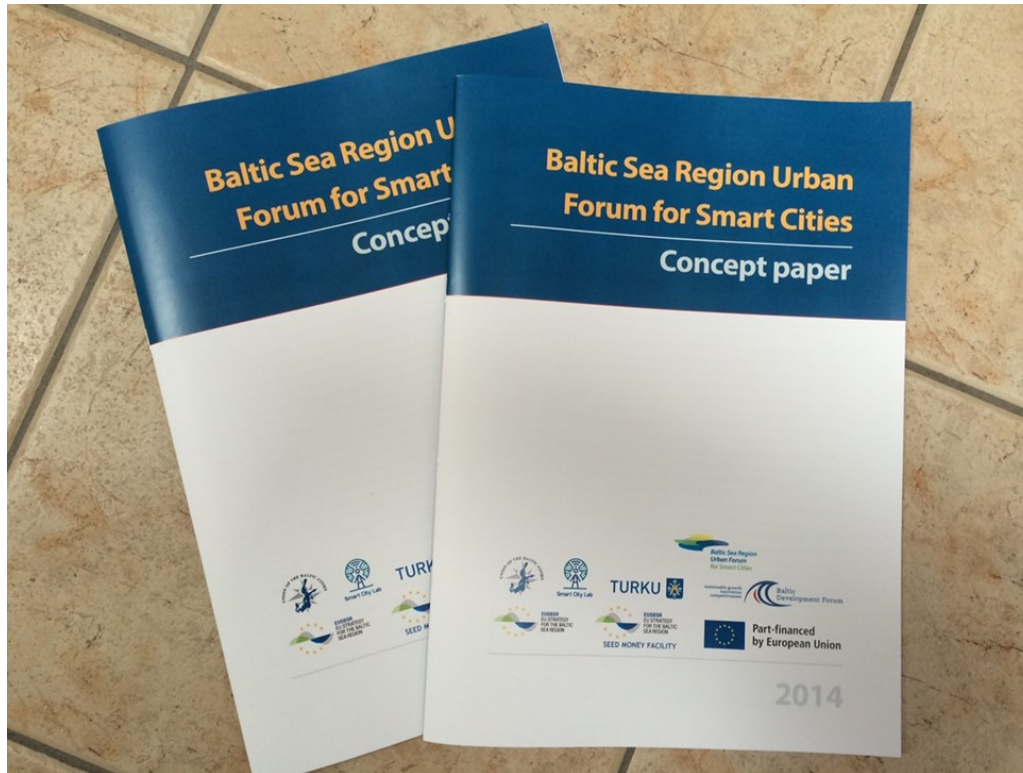
Smart Planning?

Turning the smallness into smartness

1. Identification of common challenges and development needs
2. An advantage of small cities: Flexibility in trying and using smart approaches
3. Multi-stakeholder partnerships: effective exchange between city and private sector experts, local and outside expertise.
4. Cooperation: Learning environment. Good framework for experience exchange



Baltic Sea Region Urban Forum for Smart Cities (BUF): Concept



- New initiative
- Concept Paper 2014
- Funding application & preparations 2015
- Implementation from 2016



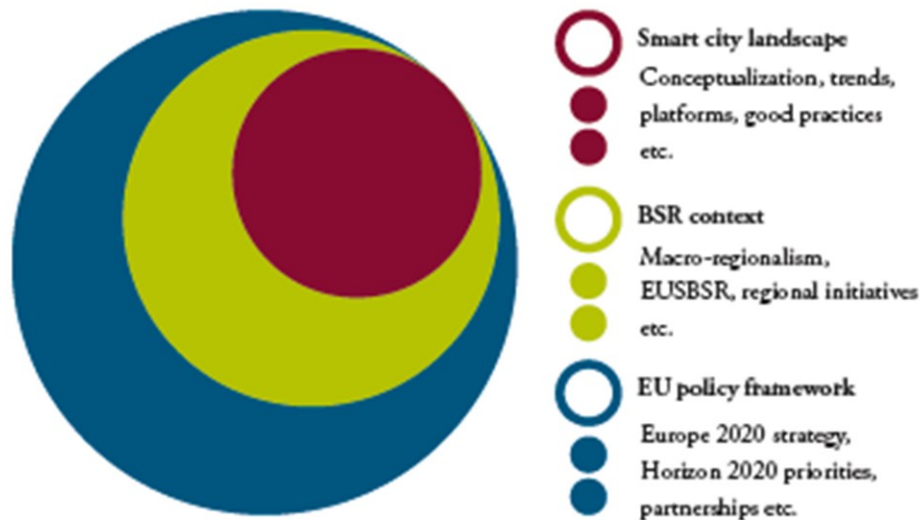
Builds on 6 characteristics of a Smart City Model :

1. Economy (Competitiveness)
2. Governance (Participation)
3. Environment (Natural resources)
4. Mobility (Transport and ICT)
5. Smart Living (Quality of life)
6. People (Social and Human Capital)

Model developed by 2007-2008 Vienna University of Technology project. It resulted in the report "Smart cities. Ranking of European medium-sized cities" .



Baltic Sea Region Urban Forum for Smart Cities: how it works?



Three major points of
departure:

1. the smart city landscape
2. the Baltic Sea Region
context
3. the EU policy framework



Baltic Sea Region Urban Forum for Smart Cities: how it works?

CITY

ASSESSMENT

INTERVENTION

ACTION

EVALUATION

FOLLOW-UP
PROMOTION

**BSR
URBAN
FORUM**

- COMMUNICATION PLATFORM
- MARKET PLACE
- COMPETENCE AND ASSISTANCE NETWORK
- KNOWLEDGE SHARING AND MENTORING CENTER

**GLOBAL &
EUROPE**

- A new approach to the smart city movement by placing a worldwide trends into a regional context
- Fosters a deeper understanding of the smart city practices
- Presents BSR as the most innovative region in the world
- Connects and networks with both global and EU level stakeholders and initiatives

Identified areas

- Energy
- ICT
- Mobility
- Water and waste management



Partners

- **3 main stakeholder groups**

- I Pilot Cities (EE, FI, SE, DE, LT, LV)

- II Enterprises interested in providing smart solutions for the cities

- III Coordination team

- Partnership/network and the scope of smart city areas will be **extended** to gradually cover all the 6 smart areas (economy, environment, mobility, people, governance, living).



What next?



I. **Mapping** common challenges, development needs and innovation potential

II **City profiling** & vision-building (Jul 2016-Dec 2016)

III **Smart City Early Dialogue** development (Jan-Jun 2017)

IV Piloting (Jul 2017-Jul 2018)

RESULTS

- Increased innovation capacity → **smarter sustainable public services and governance**
- Strengthened dialogue btw different sector at a city and macro-regional level → **co-creating smart scalable solutions**
- Extended **stakeholder network for region-wide synergies**





Eden of Sweden or Germany or Italy

Green growth starts with concrete actions in local authorities



Thank you!



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