



Baltic Sea Region
Programme 2007-2013

Part-financed by the European Union
(European Regional Development Fund
and European Neighbourhood and
Partnership Instrument)



Urb.Energy

Energy Efficient and Integrated Urban Development Action

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Kick-Off-Conference – 15 June 2009

Political Context

Milestones of Europe's Energy Policy

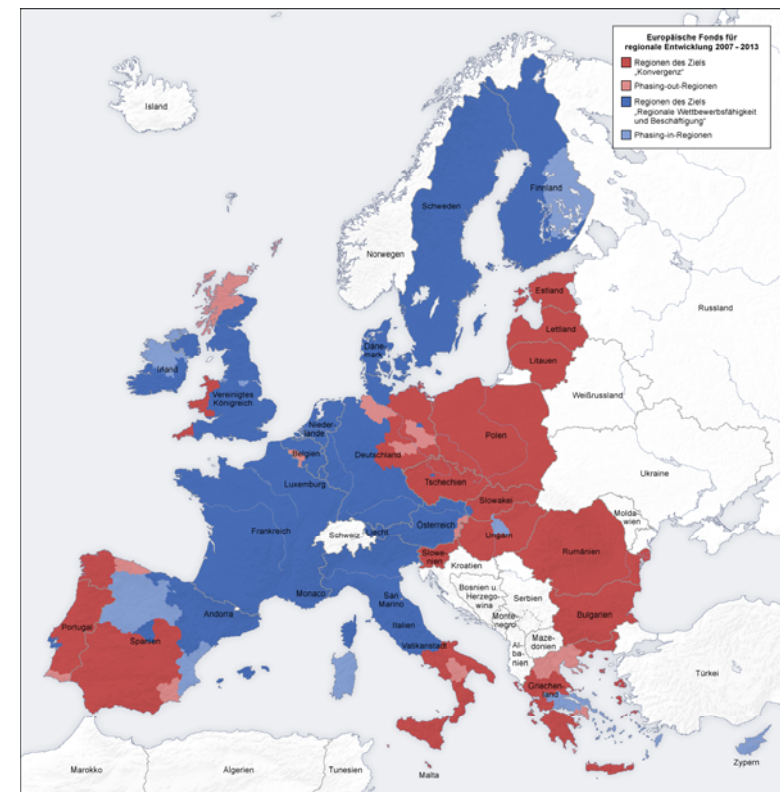
Climate- and Energy Package

- Formula „20-20-20 until 2020“ agreed by European Council
- Binding goals until 2020
 - Reduction of green house emissions by 20 %
 - Increase of renewable energy resources by 20 %
 - Raise of energy efficiency by 20 %

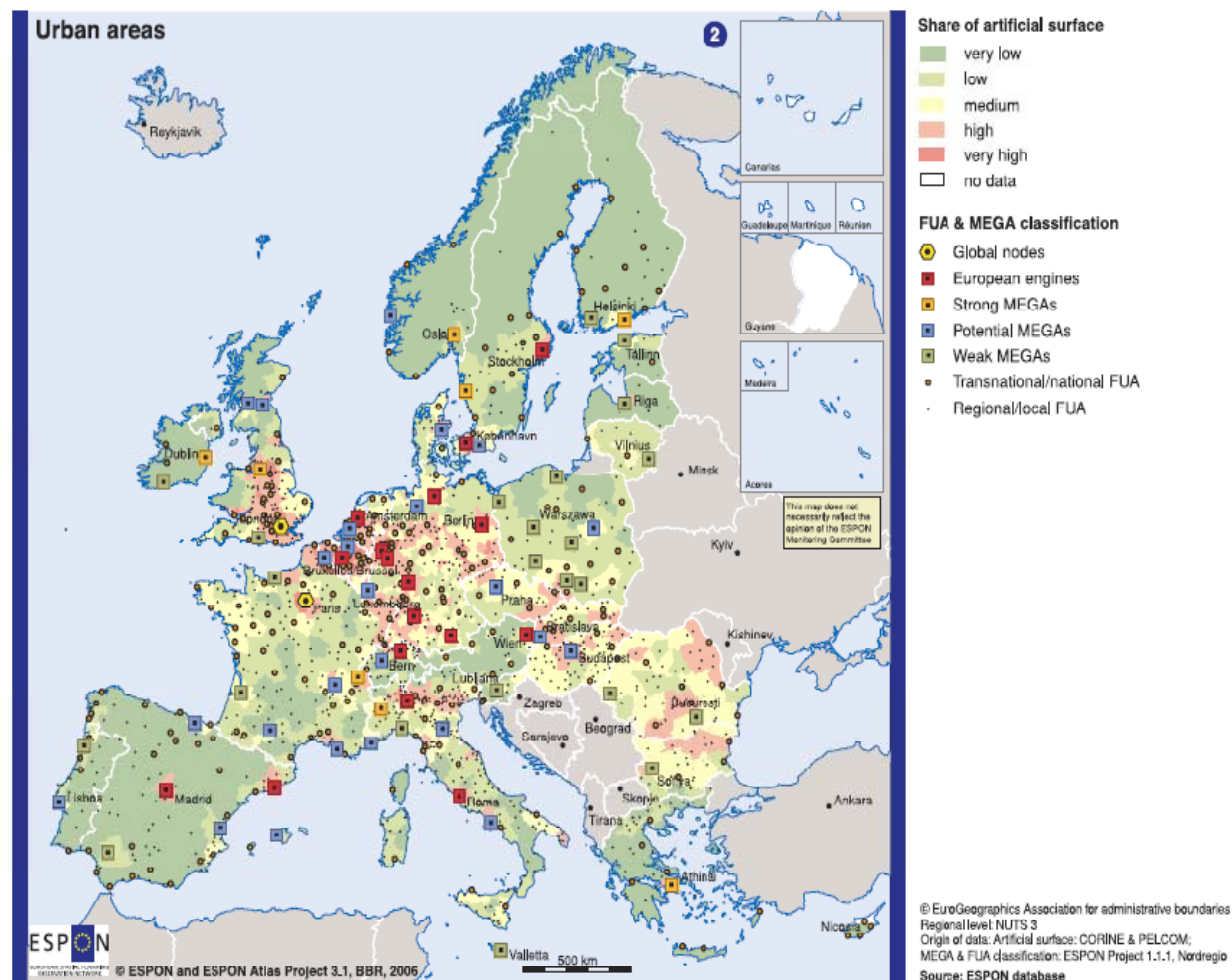


European Support Measures

- **EU-Structural Funds for housing:**
 - **New MS:** measures within **integrated urban development** and **multi-family houses** / not-for-profit housing for low-income households
 - **All MS (from summer 2009):** energy efficient refurbishment targeted at social cohesion
- **Innovative financing instruments:**
 - **Urban Development Fund on revolving basis** (e.g. JESSICA)



Europe's Urban Dimension



European City and Territorial Cohesion

- **Leipzig Charter**
 - Implementation of **integrated urban development**
 - Modernisation of technical infrastructure and **raise of energy efficiency**
 - Ensuring high quality public spaces
- **Territorial Agenda**
 - Cities as **development motors**
 - **Mitigation strategies for climate change impacts**
 - Cooperation among cities and regions

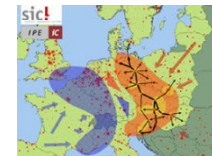


Support Programmes for European Cooperation Projects



- **INTERREG IVB - European Territorial Cooperation**

- Baltic Sea Region Programme 2007 – 2013 (ERDF/ENPI)
- Goal: Strengthening the Baltic Sea Region as attractive, competitive region for investment, work, life
- 1st Call in 2008: 24 projects approved



- **BMVBS - Programme „Transnational Cooperation“**

- Goal: Promoting selected cooperation projects of strategic, political relevance
- 1st Call in 2008: 2 projects funded



Future Task

Energy efficient buildings and urban structures



- **Opportunities for action are Europe's housing stock**
 - 40 % of total energy consumption
 - 1 % investments in new residential buildings (appr./year)

Urb.Energy Transnational Cooperation Project



- Part-financed from Structural Funds (ERDF and ENPI) within the framework of INTERREG IVB Baltic Sea Region Programme 2007-2013 **and** BMVBS-programme “Transnational Cooperation”
- Duration: 2009 – 2012 / Budget: 3.8 Million Euro
- Lead Partner: German Association for Housing, Urban and Spatial Development (DV e.V.)
- Project Coordination: Housing Initiative for Eastern Europe (IWO e.V.)
- 15 Project Partners from 5 EU Member States (EE, LV, LT, PL and D) and BY

Project Partnership

- Ensuring know-how transfer among partners from different fields and levels

Germany: DV, IWO, Center of Competence for Major Housing Estates Berlin, Ministry of Infrastructure and Spatial Planning Brandenburg, Potsdam Chamber of Commerce and Industry (ETI), Ministry of Science, Economics and Transport Schleswig-Holstein **Poland:** City of Piaseczno **Lithuania:** HUDA Housing and Urban Development Agency, City of Siauliai **Latvia:** City of Riga, City of Jelgava **Estonia:** Credit and Export Guarantee Fund, City of Rakvere, Baltic Union of Cooperative Housing Associations **Belarus:** Grodno Oblast

Project Background and Themes

- High **need to improve energy efficiency in building stock** (in new MS so far: no large scale refurbishment, insufficient national policies, programmes)
- Increasing **significance of residential environment** for living quality of residents and future-orientation, attractiveness of urban residential quarters
- **Preconditions to leverage investments in energy efficient housing stock:**
 - Embedding measures in **integrated development** concepts for urban quarter
 - Connecting measures with efficient, **innovative financing**
 - Ensuring **acceptance** by residents, owners through participation
 - Establishing **cross-sectoral cooperation** of administration, housing sector, energy suppliers, financing institutes

Project Background (2)

- German experiences in energy efficient refurbishment (EER) of large housing estates and integrated urban development
- Experiences made in German-Latvian Cooperation projects
- Project Results from BEEN:
 - Obstacles identified, strategies developed (technical, legal, institutional and financial)
 - Policy paper with political recommendations
 - BEEN Results Manual
 - Implementation of Best-Practice Projects

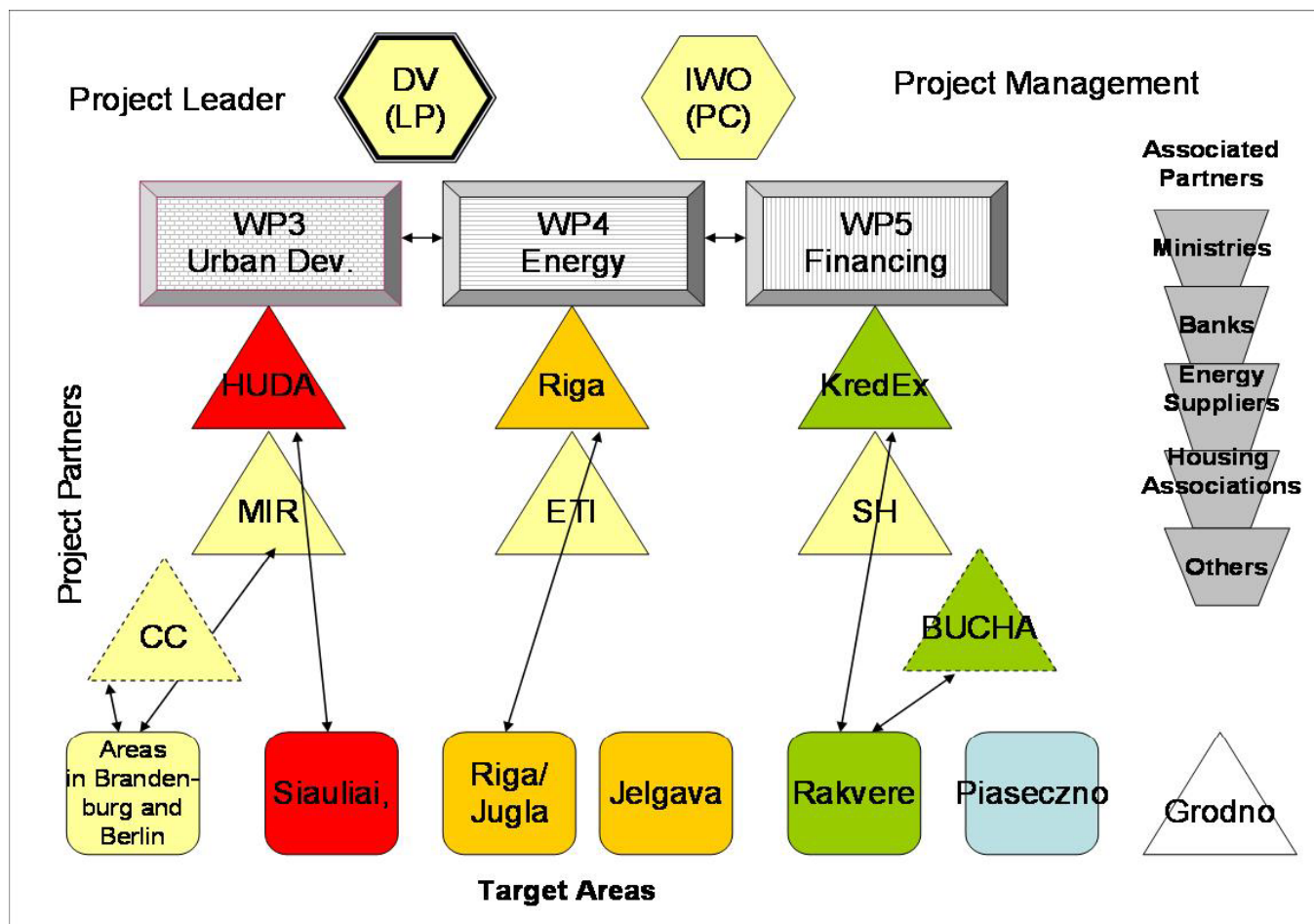


Key Project Topics

- Integrated Urban Development
 - increased energy performance of urban quarters
 - improvement of the residential environment
 - involvement of owners/residents
- Increased Energy Efficiency in Buildings and Supply Infrastructure
 - new conceptions for district heat energy supply
 - use of renewable energy
- Intelligent financing concepts
 - funding possibilities via structural funds



Working Structure



- Estonia
- Latvia
- Lithuania
- Poland
- Germany
- Belarus

WP3 – Integrated Urban Development

- Joint analysis of existing urban development approaches in the partner countries
- SWOT-analyses for the five target areas
- Involvement of residents and relevant social and economic stakeholders in the target areas
- Integrated urban development concepts for the target areas
- Analyses on realised integrated urban development concepts in Berlin and Brandenburg
- Strategy for energy efficiency in urban development in Brandenburg

WP4 – Energy Efficient Improvement of Buildings and Supply Infrastructure

- Analyses of energy efficiency in typical buildings and of the state of the energy supply infrastructure
- Concepts for EER of buildings and renewal of energy supply systems (incl. renewable energy) in urban residential areas.
- Surveys and evaluation of most suitable renewable energy resources and technologies for selected areas in Brandenburg.

WP5 – Financial Instruments: Improved Affordability of Investments

- Identification and analysis of existing funding possibilities (national and e.g. EU structural funds)
- Description of appropriate financing schemes for energy efficient urban development measures based on the concepts for the target areas.
- Case study on the financing of energy efficient urban development measures in Berlin districts.
- Development of sustainable financing mechanisms for EER of buildings and integrated urban renewal.

Overall project results

- **Status-quo analysis** of integrated urban development processes, approaches for the EER of residential buildings and the energy supply infrastructure and existing financing instruments to realise the investments
- **Documentation** of experiences and realised projects in Berlin and Brandenburg.
- **Preparation** of concrete projects and measures for integrated urban development in five target areas.
- **Manuals** and **guidelines** with transferable approaches.
- Common **policy paper** with political recommendations

Selected Outputs

- Compendium on national framework conditions regarding urban planning
- Manual on integrated urban development approaches and implementation strategies
- Manual on strategies to optimise the energy efficiency in buildings and supply structure
- Guideline for innovative use of EU funds for measures in housing and deprived urban areas
- Integrated urban development concepts for the five target areas
- Strategy to increase energy efficiency in urban development projects in Brandenburg
- Analysis of realised integrated urban development concepts in Berlin

More information on the project:

www.urbenergy.eu

Thank you very much for your attention!