Urban Agenda for the EU

- 2014-2016 Urban Agenda involves stakeholders which interlink EU with local governance
- European Council: May 2016 Pact of Amsterdam
- Multi-level working method promoting cooperation between Member States, cities, European Commission and +
- Goal is to give shape to actions that stimulate growth, liveability and innovation in the cities of Europe and to identify and successfully tackle social challenges.
Experiment & EU 2020 goals

"Most EU policies have an urban dimension. Let's work with cities!"
RSL and EU UA on ET

- Coordinators: Gdansk, London, Roeselare
- Urban partners: Gothenburg, Navarra, Nasuvinsa, Tilburg, Udine, Vaasa, Vidzime Region, Warsaw, CEMR, EUROCITIES
- Memberstates: France, Germany
- European Commission: DG REGIO, DG ENER
- Stakeholders: EIB
- Observers: URBACT
Orientation paper & WP’s

WP’s:
• Energy sources, production, storage & distribution networks
• Smart energy, management & planning
• Consumer & consumption
• Cross-cutting Issues: mobility, housing, ...

Orientation
• Role of cities in the energy transition
• Need to develop a smart integrated energy system: Heat Power/ international to city level
• Energy Supply: affordable, secure and low carbon
Sustainable Energy Systems in 2050

Main directions

- Central HT-DHN Cascaded to
- 235 ha PV panels
- 25 4MW Wind Turbines
- 17 GWh-e from Waste Incineration
Schematic section
Food-Lett’s Agora

Community Agora

- Food focussed neighbourhood
- Community food trading
- Paddy fiels
All-electric self-sufficient renovation – Collievijver agora

Main measures
- Full PV-roof
- Collective Heat pump
- DHW booster
- Greenhouse garden
- Moderate renovation: Triple glazing + roof insul.

PV-Thermal roof
- Waste heat from refrigeration
- BTES
- MT mini heat grid
- Greenhouse roof
- Water storage

Local food production
Super market

SYNERGETIC EXCHANGE
Electricity over-production
(Waste) heat production
Regional solutions
Combi-past: adapt, adopt, add-on
Start from solutions
Actions

• Create an EU-level Working Group to address the financing issues
• Recommend that market structures are reformed to create tariff structures that actively support RE in the energy system.
• Develop a range of options to support the Renewable Energy and the Energy Efficiency Directives
• Improving and harmonizing across the EU competences of integrated energy planning
• Increase the role of municipalities in national and EU planning processes decisions
• Enable grid operators, consumers, local governments, etc. to take up a active role
• Improve access to energy data
From projects towards flows