

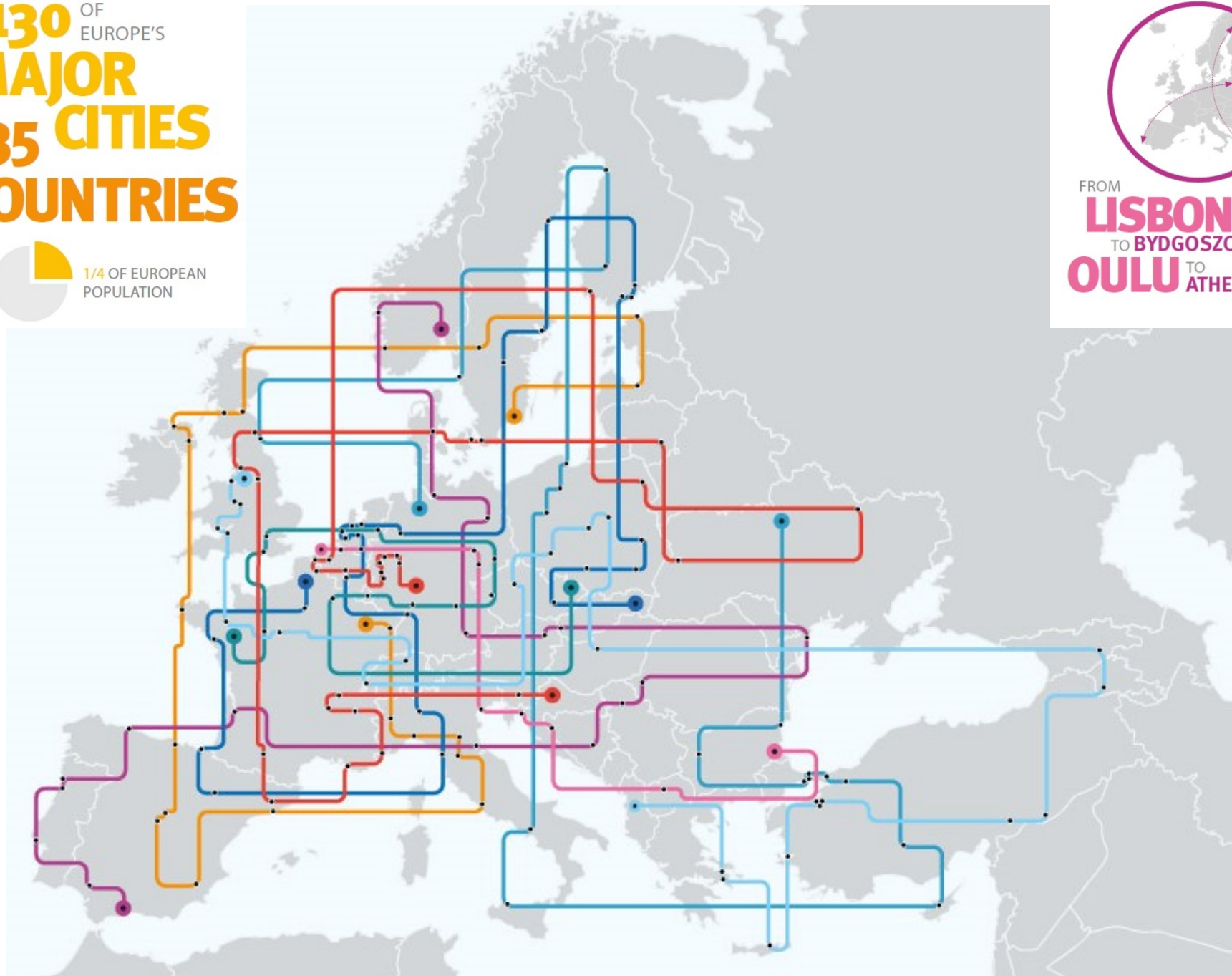


How local governments are pioneering the deployment of efficient and sustainable energy

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Policy advisor

Brussels, 17 June 2015

OVER
130 OF
EUROPE'S
MAJOR
35 CITIES
COUNTRIES



FROM
LISBON
TO **BYDGOSZCZ** AND
OULU TO **ATHENS**



Overview

PLATFORM FOR **CITY MAYORS** AND LEADERS TO SPEAK WITH **ONE VOICE** ON  **EU POLICY** IMPACTING ON CITIES



BRUSSELS OFFICE OF INTERNATIONAL EXPERTS ON EUROPEAN CITIES, POLICIES AND PROJECTS



OVER **2500** CITY EXPERTS AND POLITICIANS ACTIVELY ENGAGED ACROSS **6** SECTORS

- CULTURE
- ECONOMY
- ENVIRONMENT
- KNOWLEDGE SOCIETY
- MOBILITY
- SOCIAL AFFAIRS

40 WORKING GROUPS



Sustainable cities

- 75% of EU population
- 85% of GDP

- 80% of energy use
- 69% of Europe's CO₂



Average GHG reduction target for the
Covenant of Mayors: 29% by 2020

Cities are

- investors
- organisers and planners
- trusted brokers

They work *inter alia* on

- Renewable energy production
- Increasing energy efficiency
- Sustainable mobility





Mapping energy efficiency - Vilnius

- Interactive energy map
 - energy performance data for every apartment block in the city
- By 2015, map accessed more than 200 000 times
- Over 400 homeowner associations joining renovation programme

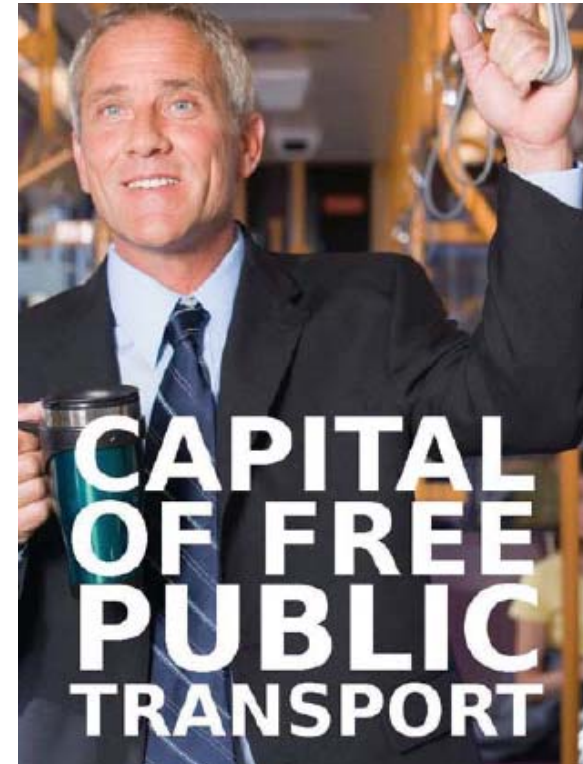


Awareness raising



Pioneering free public transport - Tallin

- Free public transport for
 - Registered Tallin residents, schoolchildren and 65+ yrs old
- Led to boom in registrations (more than 6100 in 5 months) - rise in tax base
- More mobility for residents with low income
- 15% less cars



Emission reduction
and inclusion



Energy efficiency through participation - Malaga

- Los Limoneros: low income neighbourhood
- Participatory process made energy efficiency measures possible
- Awareness raising campaign
- Smart metering campaign



Gaining the trust of residents, involving them



A localised Energy Union of smart cities

- Clear, long term framework crucial for investors
- Balanced approach to connecting & decentralising
- Better integration between MS and EU policies
 - Coordination among different policies, e.g. energy/climate and air quality, waste (incineration)
 - Integrated approach on related issues



Energy Union - city initiatives

Cities are where EU energy and climate policies come together and interact

Covenant of Mayors: should be renewed with a local commitment of at least 40% CO2 reduction and be merged with the EU Mayors Adapt

Smart Cities EIP: should go beyond just energy, ICT, mobility; address related urban sustainability issues, e.g. air quality

EU Urban Agenda: could streamline and coordinate EU city initiatives in different fields



Energy Union - markets and consumers

- Electricity markets
 - Integrate renewables into grid
 - Stable frameworks
- Smart grids
 - Assess usefulness, ensure data protection
- Energy poverty
 - Cities are taking action
 - Responsibility of all levels of government





Energy Union - buildings and energy efficiency

- Energy Efficiency & Energy Performance of Buildings Directive
 - Address district level, e.g. district heating and cooling as part of strategy
 - Green public procurement
- Heating and cooling
 - (Smart) district heating & cooling important
 - Work on financing
 - Links to EED, EPBD, waste to energy
- Financial instruments
 - Need to be easily accessible and usable (capacity building)



- Decarbonising road transport
 - Modal shift first
 - Need to ensure demand for infrastructure
- Post-2020 car & van CO₂
 - Ambition and testing
- Eurovignette and e-tolling
 - Keep flexibility for cities to adapt to local situation





www.eurocities.eu