Joint Programming Initiative Urban Europe

URBAN EUROPE

global urban challenges – joint european solutions

Belmont Forum scoping workshop
29 June 2015
Boulder

JPI Urban Europe
EUROPEAN HUB FOR URBAN RESEARCH

20
European countries participating and contributing

Goal
Strengthen research and innovation in the urbanisation field

● **Core members**

Austria, Belgium, Cyprus, Denmark, Finland, France, Italy, Netherlands, Norway, Sweden, United Kingdom
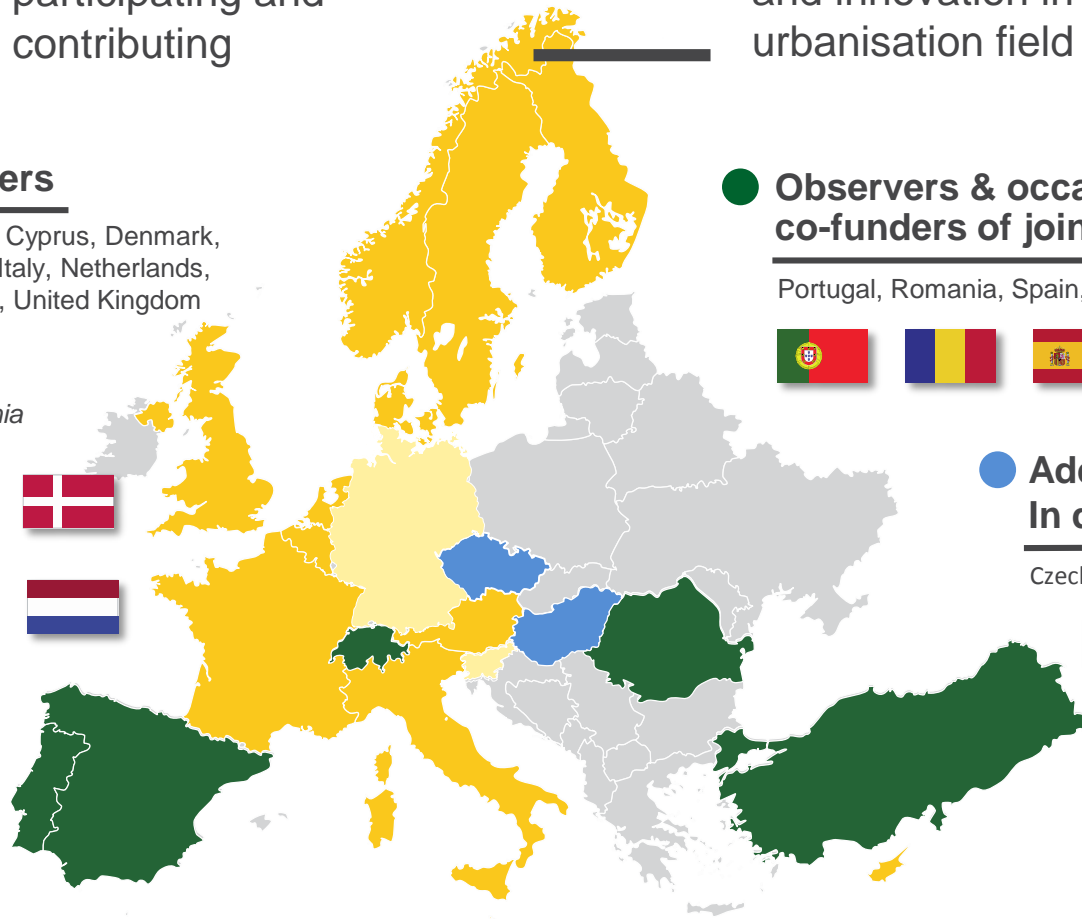
New Members: Germany, Slovenia

● **Observers & occasional co-funders of joint calls**

Portugal, Romania, Spain, Switzerland, Turkey

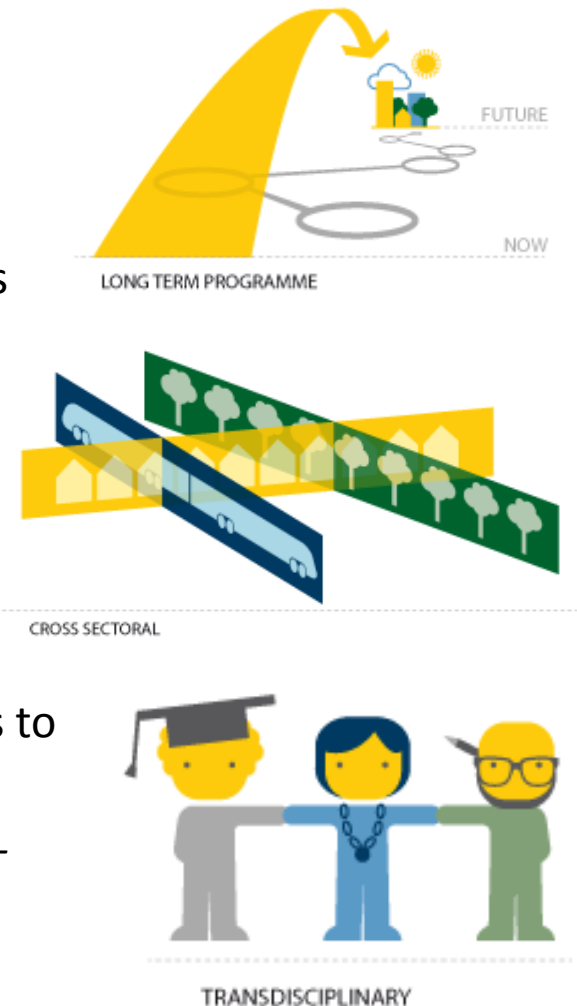● **Additional partners In dissemination**

Czech Republic; Hungary

JPI Urban Europe
Ambition

The JPI Urban Europe is a transnational, mission-oriented, forward-looking research and innovation initiative on sustainable urban development. Its ambition is:

- to provide evidence for new urban policies and strategies and by that enhancing cities' capacities for transition

- to address urban development and sustainability in its complexity and generating radical new knowledge and concepts to tackle the urban challenges (*cross-sectoral, inter-disciplinary*)

- to team up with cities and urban stakeholders of all kinds to enhance the impact of our research and support the exploitation of technological and social innovation (*trans-disciplinary, focus on societal impact*)

FUTURE

NOW

LONG TERM PROGRAMME

CROSS SECTORAL

TRANSDISCIPLINARY

Strategic Research and Innovation Agenda
Sustainable and livable urban areas

Transition towards sustainable and livable urban areas

Targets / Data / Monitoring

Levers / Influencing factors

Scenario's / Strategies

Climate Change & Resilience

Urban Governance & Participation

Welfare & Finance

Urban Growth & Shrinkage

Urban acces

Thematic priorities

Methodical innovation and transition pathways

Decision making / Action

Pathways / Transition Processes
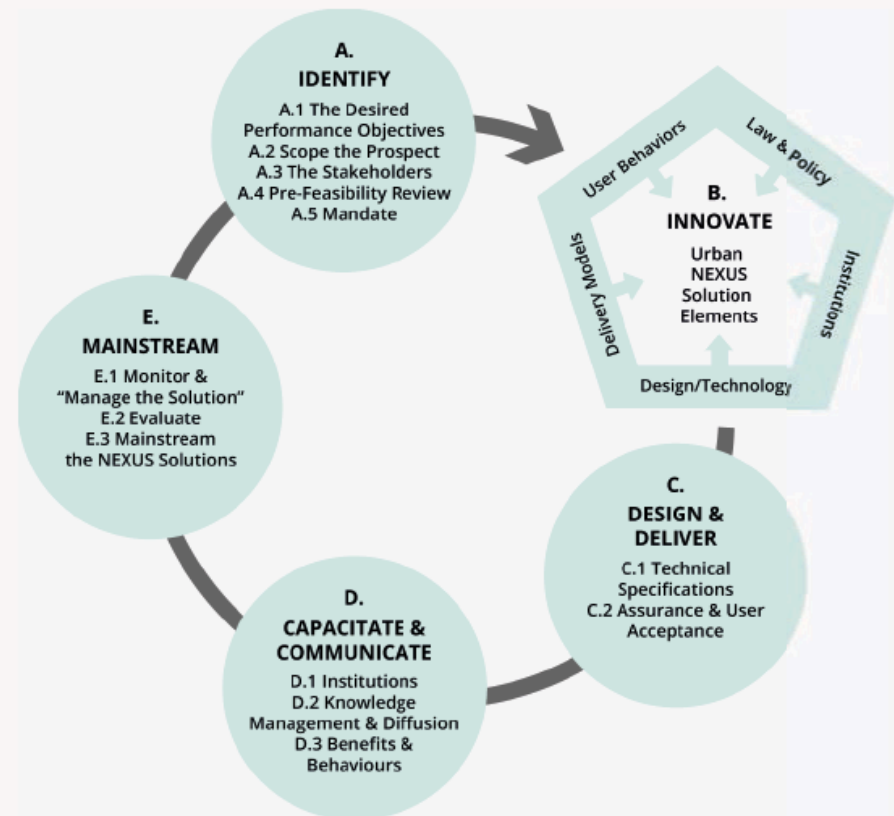
sustainable and livable cities
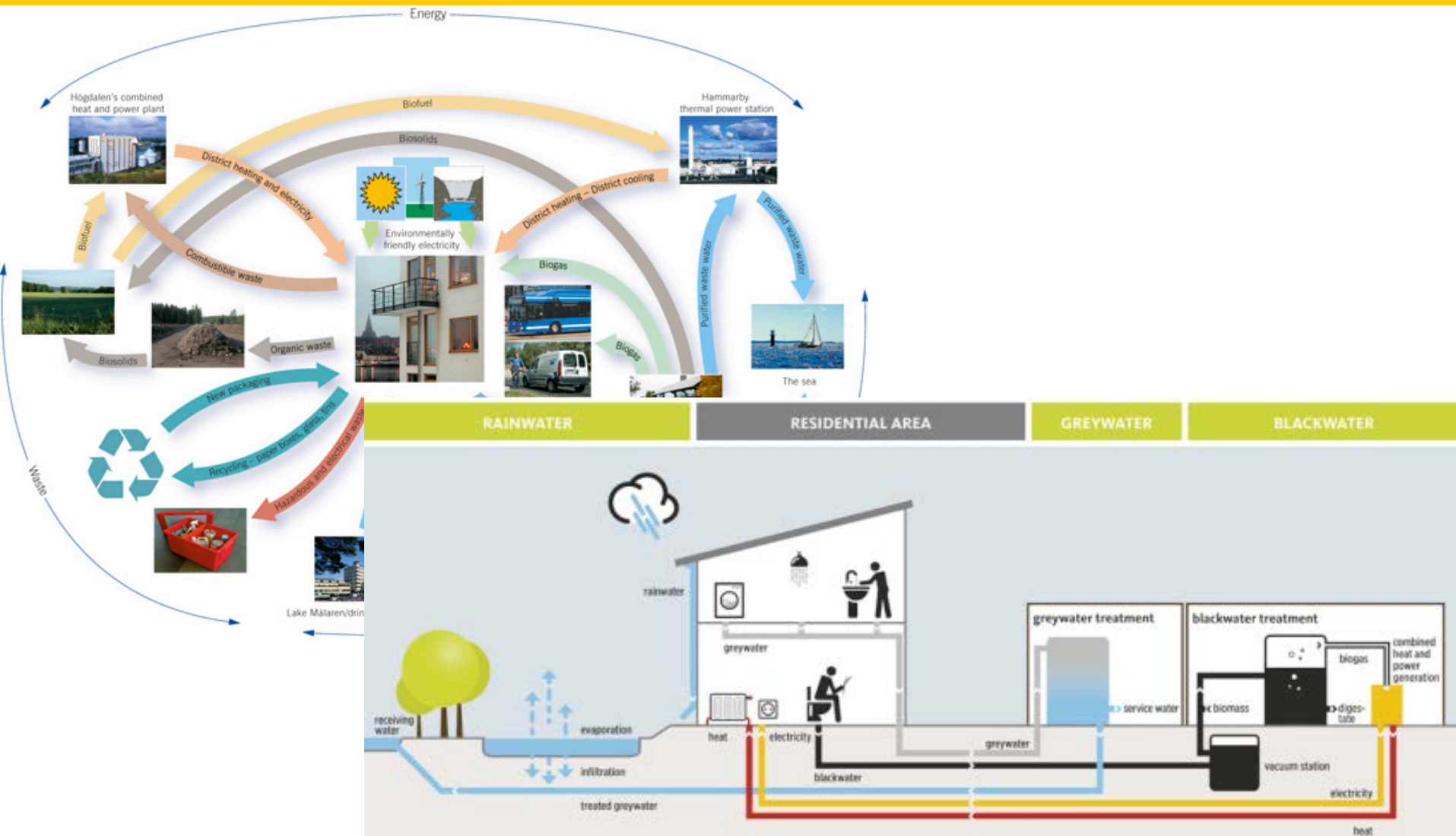
Urban Nexus Approach
Sustainable urban development solutions

GIZ and ICLEI (2014) 'Operationalizing the Urban NEXUS':

- An Urban NEXUS solution integrates two or more systems, services, policy or operational 'silos'

- Guide stakeholders to identify and pursue possible synergies between sectors, jurisdictions, and technical domains

- Increase institutional performance, optimize resource management, and service quality

Figure 1:
The Urban NEXUS Development Cycle is a process for translating integrated planning objectives into policies, projects, systems, and places.

A. IDENTIFY
A.1 The Desired Performance Objectives
A.2 Scope the Prospect
A.3 The Stakeholders
A.4 Pre-Feasibility Review
A.5 Mandate

B. INNOVATE
Urban NEXUS Solution Elements
User Behaviors — Law & Policy
Delivery Models — Institutions
Design/Technology

C. DESIGN & DELIVER
C.1 Technical Specifications
C.2 Assurance & User Acceptance

D. CAPACITATE & COMMUNICATE
D.1 Institutions
D.2 Knowledge Management & Diffusion
D.3 Benefits & Behaviours

E. MAINSTREAM
E.1 Monitor & "Manage the Solution"
E.2 Evaluate
E.3 Mainstream the NEXUS Solutions

GIZ and ICLEI, 2014, Operationalizing the Urban NEXUS   © ICLEI, GIZ and TNP

Urban Nexus Approach in practice
Hammarby Sjöstad | Hamburg Jenfelder Au

SRIA & Urban Nexus Approach
Opportunities

Congruence in:

- Integrated approach to urban research and innovation for urban development (e.g. integrated governance)

- Setting or context sensitive (e.g. social innovation, urban innovation ecosystems,)

- Research and innovation in the 'wild' (e.g. urban living labs)

- Sociotechnical infrastructuring, systems of systems for everyday urban life (e.g. smart cities)

JPI Urban Europe
THANK YOU!

Please follow us: www.jpi-urbaneurope.eu
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#urbaneurope

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