The data space for smart communities

Bringing together local data ecosystem stakeholders for a European data space

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Eurocities: The European network of cities

- **Political platform** for mayors and leaders
- Connecting **200+ cities** across **38 Countries**
- Representing over **135 million people**
Eurocities Forums, Working Groups & Projects

7 Cooperation Working Groups

- Social Affairs Utrecht
- Environment Porto
- Mobility Toulouse
- Culture Dresden
- Economic Development Helsinki

Knowledge Society
The forum of digital cities
Barcelona

- Upscaling of digital transformation
- Access to & use of Data
- Disruptive technologies effects
- Citizen Digital rights

+ 3 WGs

4 Urban Governance Working Groups
Common European rules and efficient enforcement mechanisms should ensure that:

- **Data can flow** within the EU and across sectors;
- **European rules and values**, in particular personal data protection, consumer protection legislation and competition law, are fully respected;
- The rules for **access to and use of data** are fair, practical and clear, and there are clear and **trustworthy** data governance mechanisms in place; there is an open, but assertive approach to international data flows, based on European values.
A European strategy for data (1)

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Increasing the potential for data sharing solutions to help meet the objectives of the Green deal.
Smart communities and the Green deal

• Mission for Climate Neutral Cities by 2030
• Mission on Adaptation to Climate Change by 2030
• Specific fields and use cases
  • Sustainable mobility
  • Climate change adaptation
  • Better energy flows
  • Resilient urban infrastructure
  • Zero pollution ambitions
A European strategy for data (2)

• “While data is essential for all sectors of the economy and society, [...] not all sectors are moving at the same speed.

• Actions towards a European data space need to be accompanied by the development of sectoral data spaces in strategic areas such as manufacturing, agriculture, health, and mobility.”

• And smart communities
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A landscape of ecosystems

• Local, regional and national level initiatives
• Expertise for different use cases
• Different approaches
• Variety of technologies
• Context specific challenges
• Etc.
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Cities’ considerations

- Ensure **access** to, **availability** and **quality** of data
- Value **transparency**, create **rules** and **guidelines** to foster **trust**
- Develop mechanisms to **manage value**
- Define clear **roles** to exploit cities’ connecting characteristics
- Involve citizens
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Establishing the governance

• Brokers to maintain shared information on available data, index sources, provide metadata and assess data quality according to a standard framework?

• Data integrators to provide standardised (technical) solutions for data integration on top of raw data, for specific use cases, and quality assessment tools?

• A centre to develop and manage common data exchange models and standardised contractual agreements for specific use cases?

• Designated tools to manage ownership, usage rights and digital assets on behalf of users?

• …
Thank you