



Data Strategies for Common Good -Oriented Urban Development

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Federal Ministry
for Housing, Urban Development
and Building



Germany's current Smart City approach

Smart City Tracks funded by BMWWSB, Smart Cities division

SMART CITY DIALOGUE

National Dialogue platform Smart Cities

Creation of a common understanding of goals, values, guidelines and recommendations



FEDERAL FUNDING PROGRAMME

Model Projects Smart Cities (MPSC)

Funding programme for 73 projects over 820 Mn EUR

Coordination and Transfer Office MPSC (KTS)

Managing knowledge diffusion and replication



EUROPEAN NETWORKING & INTERNATIONAL KNOWLEDGE TRANSFER

#connectedinEurope

Information & capacity building opportunities for German & European municipalities to improve European networking

Knowledge transfer on Smart City EU topics



International Smart Cities Network

International practical exchange, knowledge transfer and learning processes on Smart Cities



Smart-City-Dialog.de

News, knowledge repository and networking



News und Stories zu Smart Cities



- Inspiration, solutions and offers for sustainable smart cities and regions
- Knowledge repository and interactive map with all measures of the model projects
- Interactive workspaces and chat functions (under construction)
- Relunched in Oktober 2023



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Offener Arbeitsraum | 44 Mitglieder

AEG: City Apps

Die AEG City Apps befasst sich zentral mit Apps für BürgerInnen in deutschen Kommunen, die eine Bündelung von Dienstleistungen in einer Lösung fokussieren.

Die AEG umfasst momentan fünf Themengruppen.



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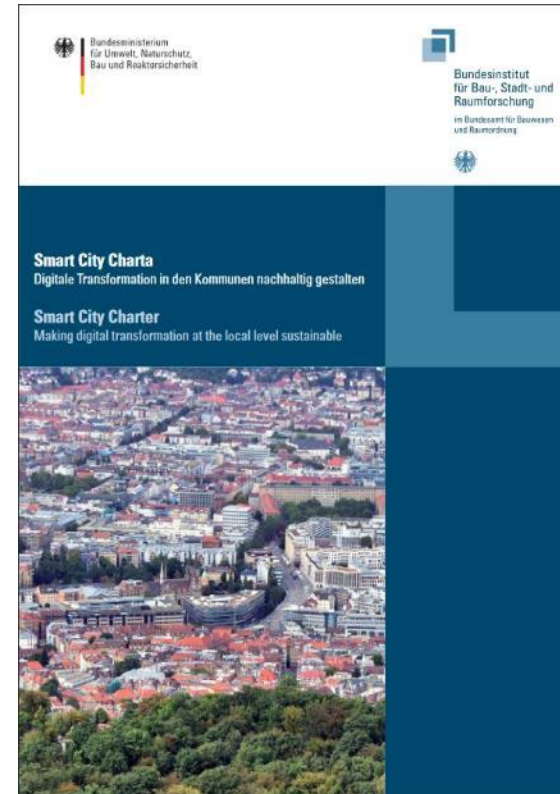
AEG: Klimaschutz, Klimaanpassung und Resilienz

Die Datenquellen der Smart City ermöglichen ein tiefgreifendes Verständnis über den Einfluss des Menschen auf seine natürliche Umwelt und vice versa. Die Fülle an Umweltdaten erfordert jedoch neue technische Instrumente und organisatorische Prozesse.

National Dialogue Platform Smart Cities

Common understanding of goals, values, guidelines and recommendations

- Established in 2016 to address the opportunities and challenges of digitalization for urban development
- Objective: to shape the digital transformation in the municipalities in a sustainable way and in the sense of integrated urban development
- Around 70 experts from cities, districts and municipalities, as well as from municipal umbrella associations, federal states and departments, scientific organisations, business, professional and societal associations, and from civil society
- Development of a mutual understanding of values and goals for smart cities defined by the **Smart City Charter** (2017). Further guidelines for municipalities with the “**Data strategies for common good-oriented urban development**” (in 2021) and the guidelines for “**Accelerated change and resilience**” (in 2023)



Data Strategies for Common Good-oriented Urban Development

Common understanding of goals, values, guidelines and recommendations

- Viable data strategies are required to facilitate the global trend towards growing quantities of data and increasing requirements in terms of data management
- Objective: strategic use of data in the public interest
- Strengthen municipal ability to guarantee transparency in terms of decision-making processes and ethical principles
- Data sovereignty: to ensure that municipalities and urban societies have the ability and the power to control, manage and use data.
- Data sharing through partnerships and cooperations
- Municipal capacity building in the field of urban data analytics



Selected measures/projects: Connected Urban Twins (CUT)

- Urban Data Platforms and Digital Twins for integrated urban development
- Urban Digital Twins produce digital representations of our cities which can be used to play out scenarios for cities that are sustainable and improve the quality of life.
- The cross-city partnership of the three partner cities Hamburg, Leipzig and Munich with the CUT project is unique within Germany.
- The developed solutions reach beyond the perspectives of any individual city, and thus can yield new ideas and initiatives to other cities and municipalities in Germany.



© Angela Pfeiffer für Connected Urban Twins

The broader political frame



Strengthen digital sovereignty of municipalities through competency building, transferable tools and data sovereignty.



Strengthen municipal ability to act through more efficient use of resources (including personnel).



Data to support empirically based decision preparation, decision-making and communication.



Not a new mission statement, but rather a contribution to solving the tasks at hand.

Lessons learned and recommendations

- Adjusting data strategies to local context – no “one size fits all”
- Viable and robust data governance
- Strengthen local sovereignty and capacity building
- Using interoperability and introducing standards
- Combining data sets help to generate much more accurate information
- Mutual working together by using data spaces

Thank you!



Website

<https://www.smart-city-dialog.de/international-smart-cities-network>