

Prof. Dr.-Ing. Ina Schieferdecker

Urbanisierung in Deutschland: Lösungen der Städte und Kommunen für die Herausforderungen der urbanen Entwicklung

Hamburg, 30.-31. Mai 2016





BUSINESS @ THE SPEED OF THOUGHT

In Pearson Education Limited 2008

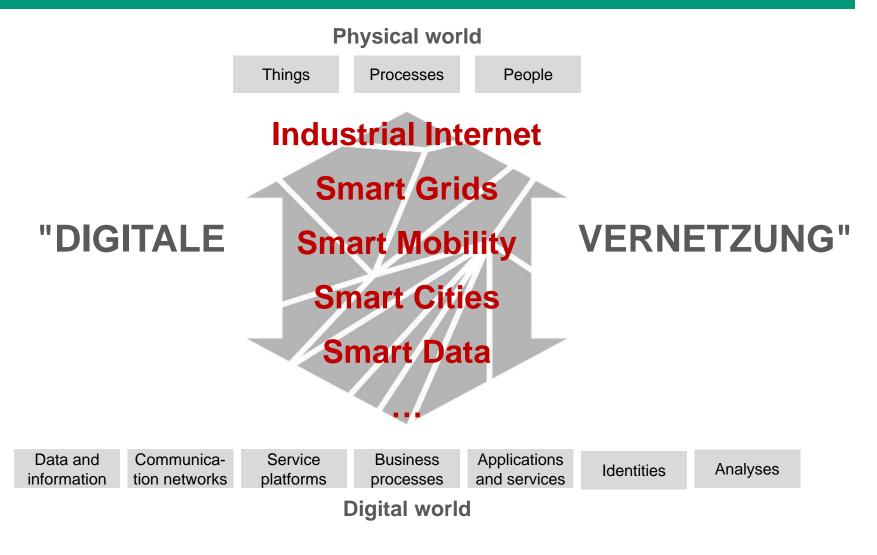
The Internet has changed everything.

- \rightarrow The Internet will change everything.
- \rightarrow A network of networks will change everything.
- →A network of specialized networks will change everything.

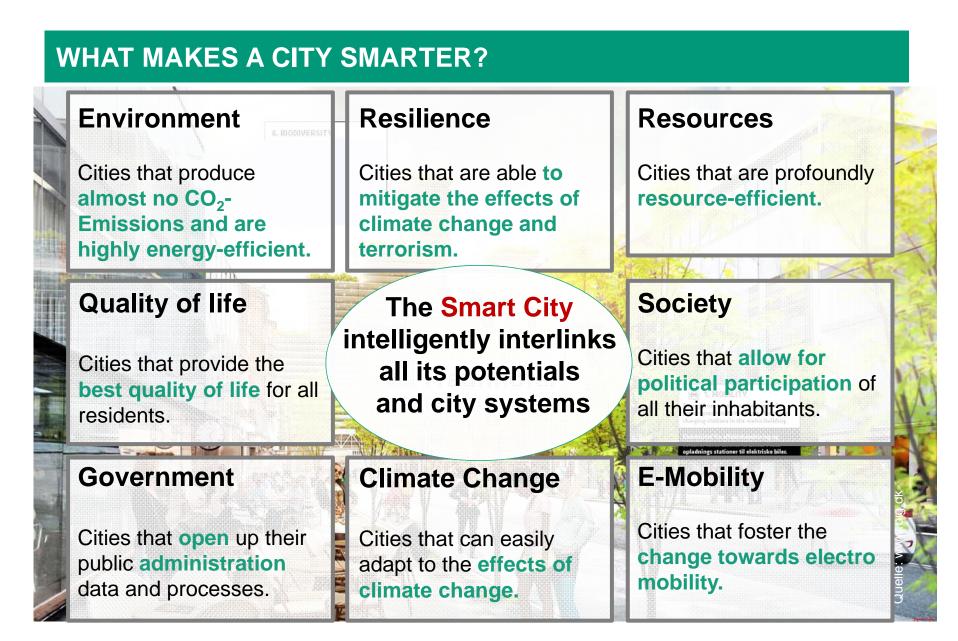




CONTINUOUS NETWORKING









ALMOST 2000 SMART CITY DEFINITIONS, BUT ALL BASED ON DIGITAL NETWORKING

Study Mapping Smart Cities in the EU,

DG Internal Policies 2014:

A city seeking to address public issues **via ICT based solutions** on the basis of a multi-stakeholder, municipality-based partnership.

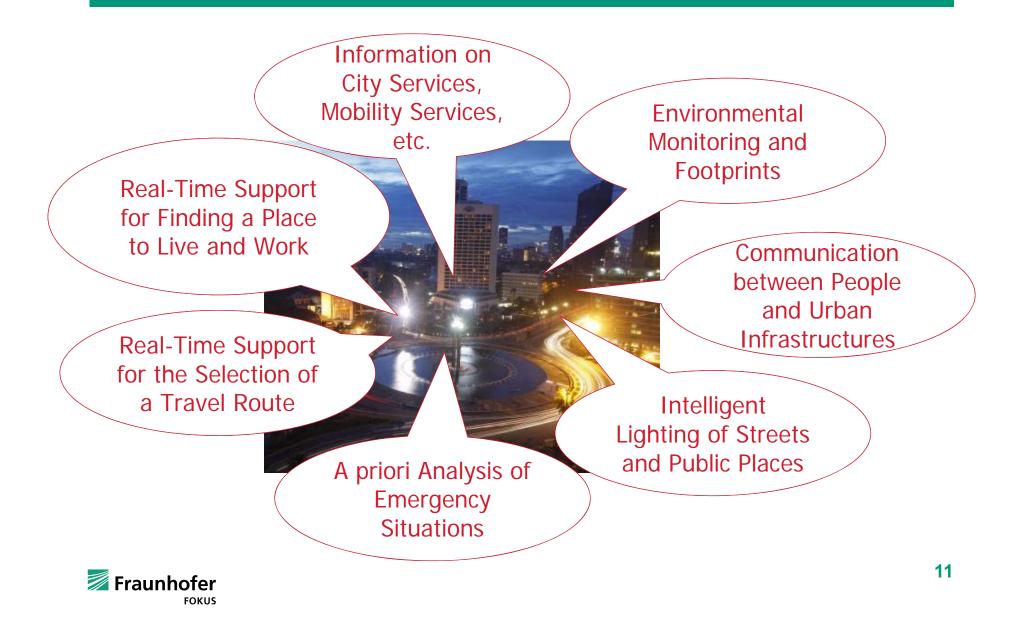




- National Platform City of the Future: Research and Innovation Agenda 2015
- acatech Integrating ICT for the City of the Future, 2014
- Morgenstadt City Insights Reports, 2013
- FOKUS Smart Cities Portal, Sept. 2011
- Münchener Kreis Smart Cities Conference in Berlin, Juli 2010



THE "SENSIBLE" CITY



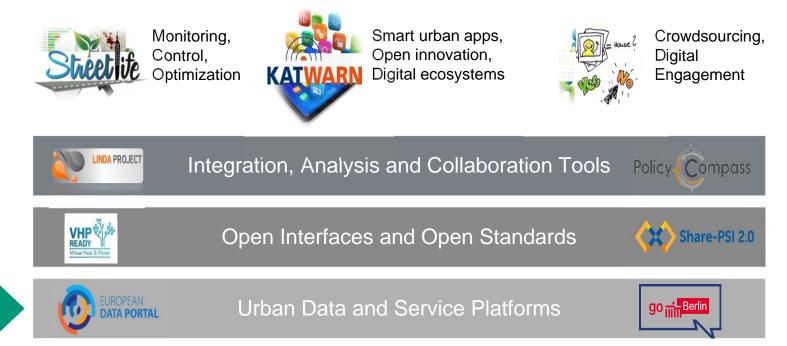
Cities develop

from solution providers to

platform providers !



EXAMPLES



Public IT Infrastructure





5G playground

Fraunhofer

STATUS OF SMARTER CITIES IN GERMANY

Cities and Communities

- Several Digital Agenda and/or Smarter City/Community Roadmaps
- Large amount of domain-specific pilots (some solutions transferred into normal operation), but often not cross-domain or platform-driven
- Often scattered responsibilites in different administrations and lack of know and expertise in digitization
- Various studies, metrics and rankings

Research and Development

- ICT for Smarter Cities Center at Fraunhofer FOKUS since 2011; eGovernment and Digital Public Services since 2003
- Fraunhofer Initiative Morgenstadt since 2012
- Acatech Initiative City of Tomorrow, 2012-2014
- National Platform City of the Future, 2013-2014
- Year in Science on City of the Future 2015
- European Innovation Platform Smart Cities and Communities since 2014



CONTACT

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