

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**

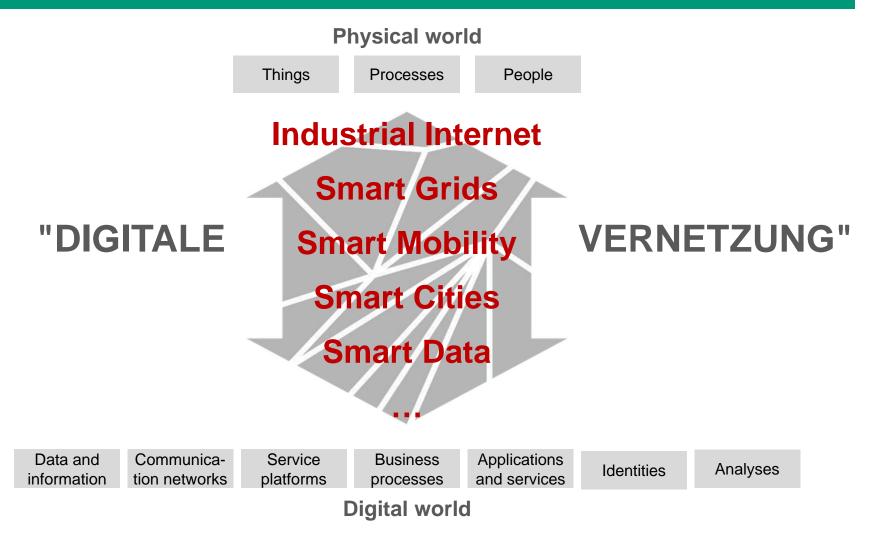
The Internet has changed everything.

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

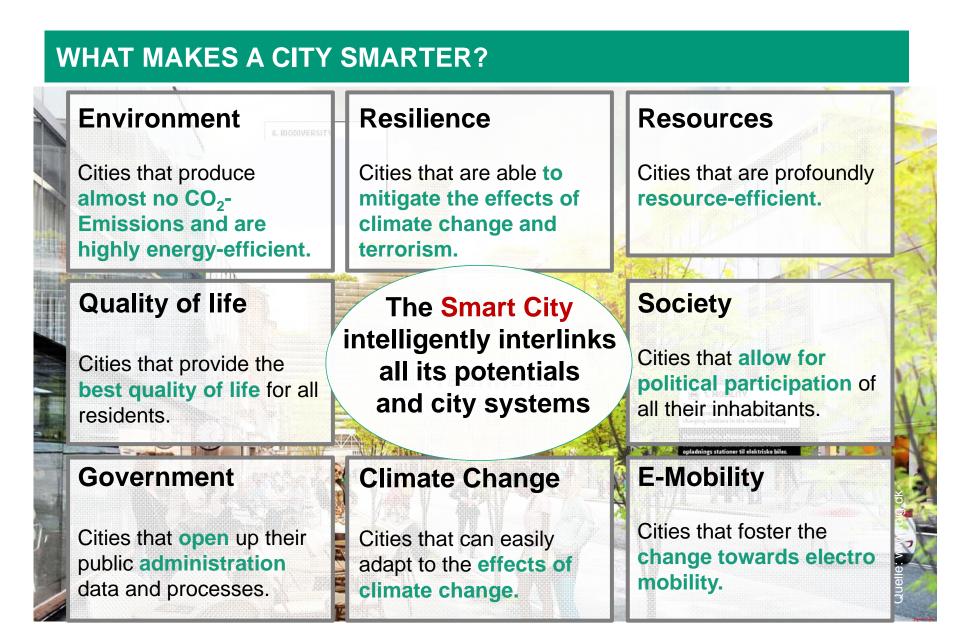




#### **CONTINUOUS NETWORKING**









# 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.

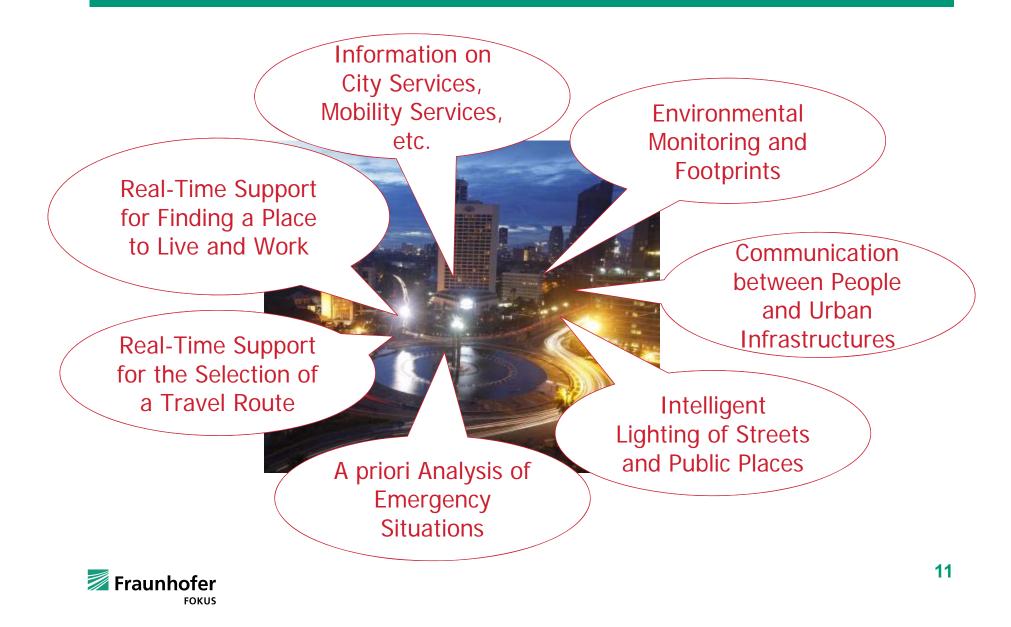




- National Platform City of the Future: Research and Innovation Agenda 2015
- acatech Integrating ICT for the City of the Future, 2014
- Morgenstadt City Insights Reports, 2013
- FOKUS Smart Cities Portal, Sept. 2011
- Münchener Kreis Smart Cities Conference in Berlin, Juli 2010



#### 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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