

Lucerne University of
Applied Sciences and Arts

**HOCHSCHULE
LUZERN**

Swiss Networking Day 2017
Smart City - Was China & EU
voneinander lernen können

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HUAWEI TECHNOLOGIES CO., LTD.



Die Entwicklung von smarten Städten ist für Europa und China aufgrund der rasanten Urbanisierung und **zunehmender Bevölkerung** von grösster Bedeutung. In Städten werden **über 70% aller ressourcen** verbraucht. Smart City Strategien sollen Städte **effizienter**, kostengünstiger, nachhaltiger und **lebenswerter** machen.



Help us to **develop cities**



100+
case
studies

- Smart Cities in Europe and China, by EU-China Policy Dialogues (15 Chinese and 15 European pilot smart cities), 2014
EU Commission & China Academy of Telecommunications Research (CATR)
- European Institute for Asian Studies: Smart cities cooperation EU/China
- EU-China Horizon 2020 project to strengthen EU/China ICT / Smart-Safe City R&D cooperation incl. practical action plans
- JPI Urban Europe and CCUD signed an agreement in the presence of Li Keqiang and Jean-Claude Juncker, 2016 Beijing
- Veranstaltungen
 - › Smart & Safe City Event | 7 & 8 June 2017, Netherlands
 - › Smart to Future Cities & Urban IoT May 2017, London
 - › Smart Suisse April 2017, Basel

Best
Practices

Smart City ist ein Konzept zur Modernisierung von Städten

mittels ICT



Behördenverwaltung



Öffentliche Sicherheit



Bildungswesen



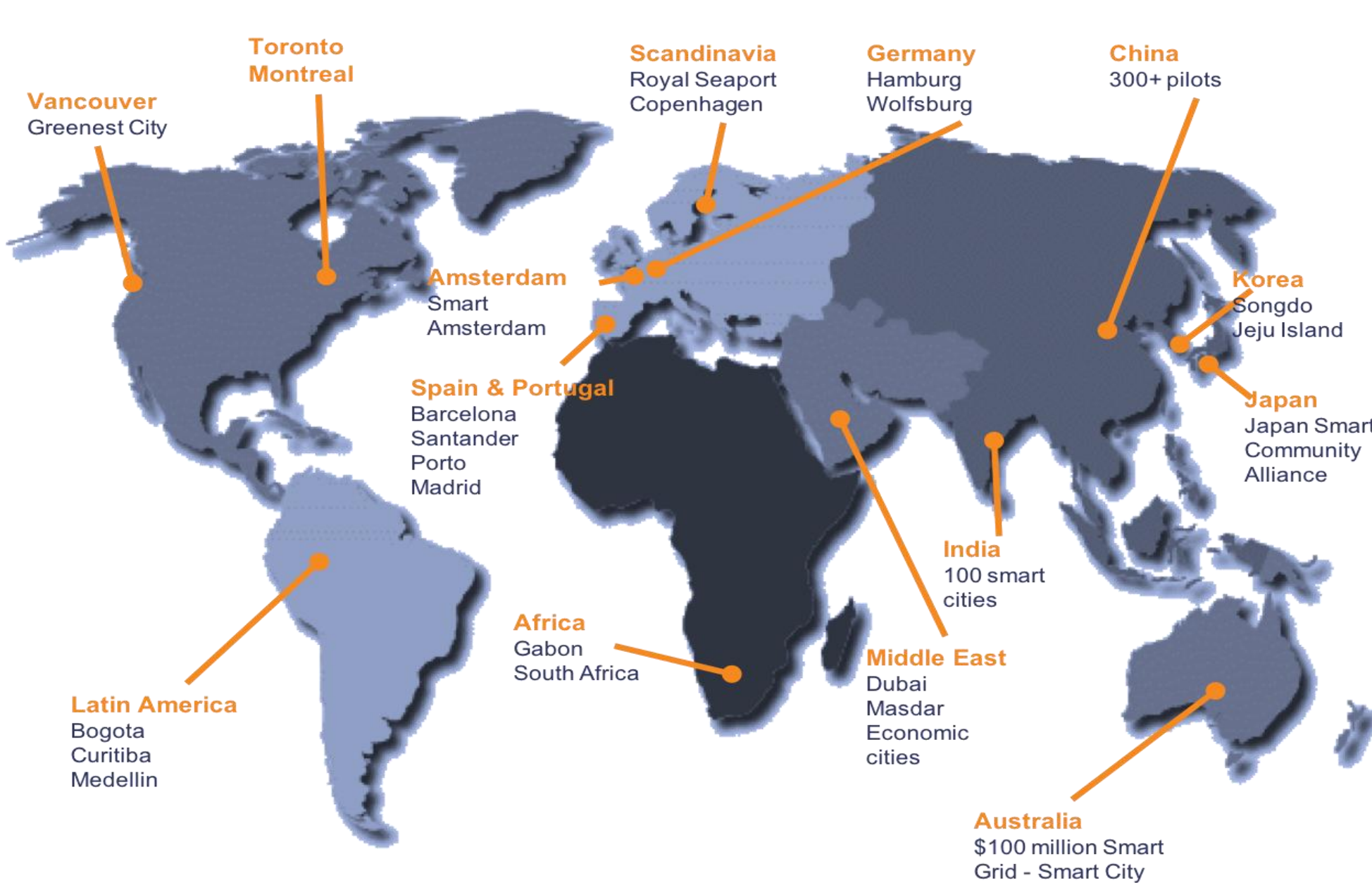
Transport, Mobilität



Gesundheitswesen

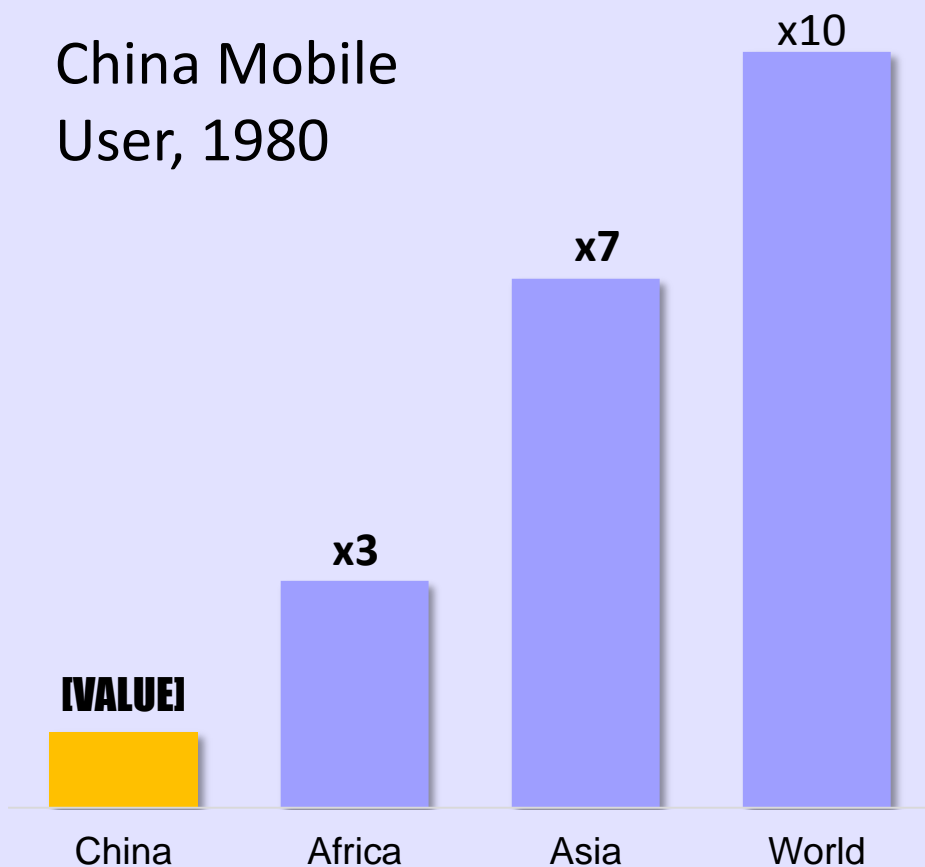


Energie-/Wasserversorgung



Its a
race

China Mobile
User, 1980



No **money**

big enough market, wish to develop, but no money

No **technology**

low-level equipment, limited copper line,
zero fiber backbone

No **professional
human resource**

limitation of technology -, operating - and
management experts

No **telecommunication** modernization,

no **modernization** of China

Telco

4x5 jahres

Plan

6% Steuern
(statt 17%)

low cost of site
acquisition, prompt
fiber civil works
approval,

preferred

electrical power
supply and

free land

Deng Xiaoping,

Chief Architect of China
economy reform campaign,
1982

students,

National Telco
research institute,
joint Telco equipment
manufacturing

heute

Bevölkerung

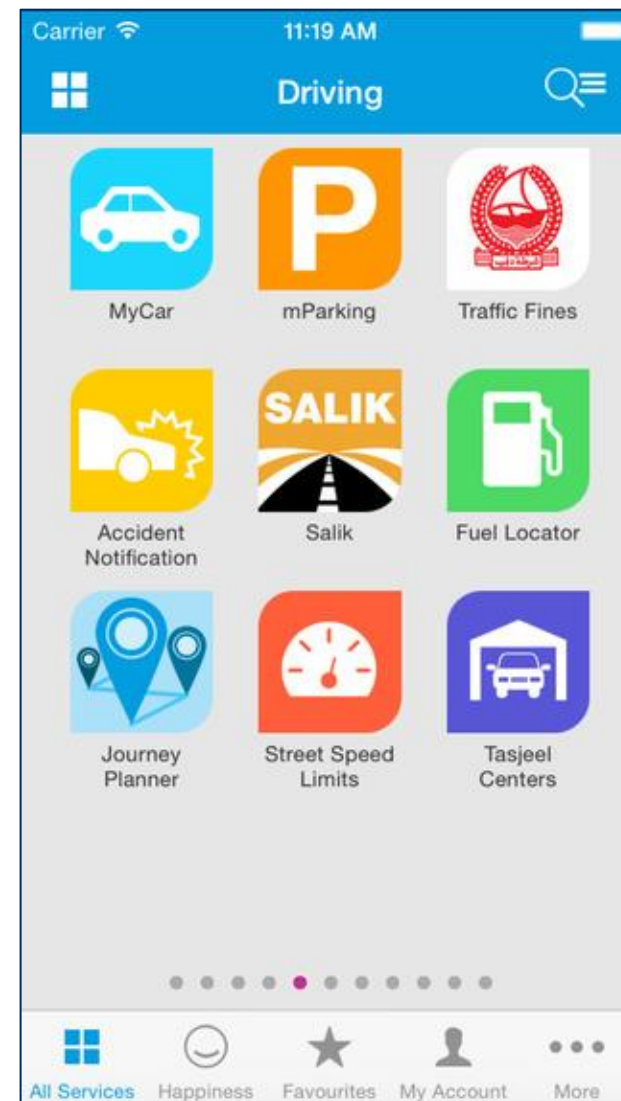


1'385
Millionen

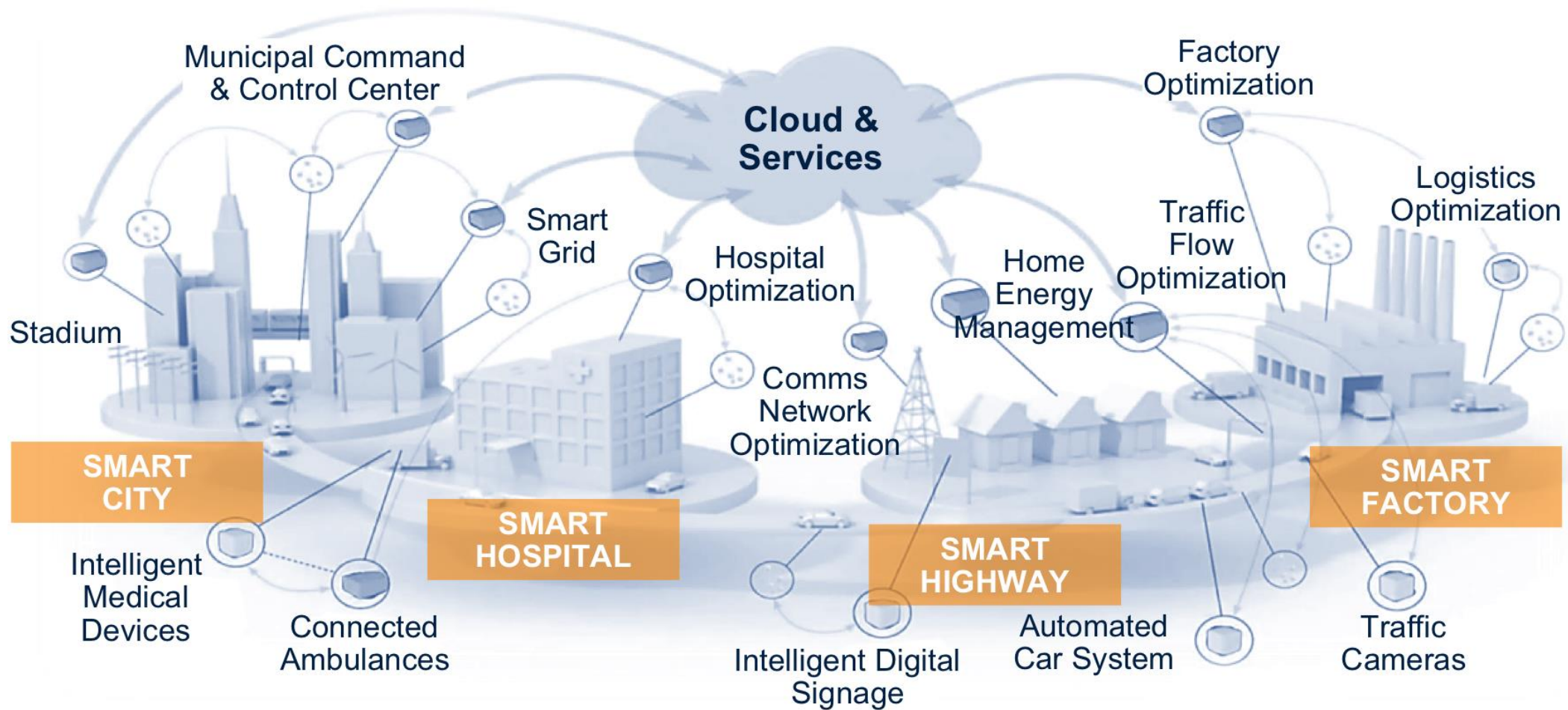
Mobile User



1'076
Millionen



It can't happen without **connectivity**

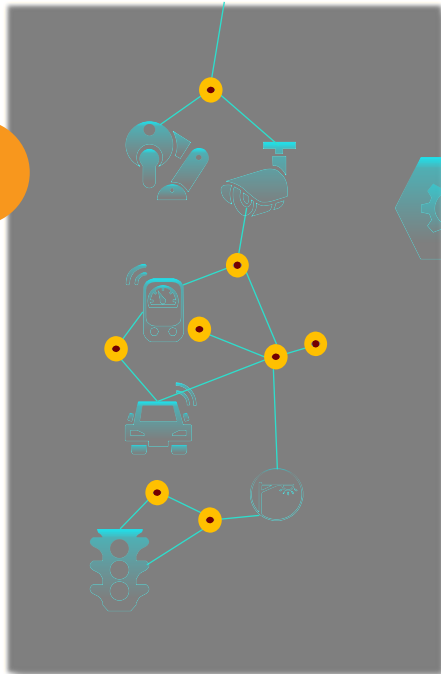


Smart City / IoT technologien

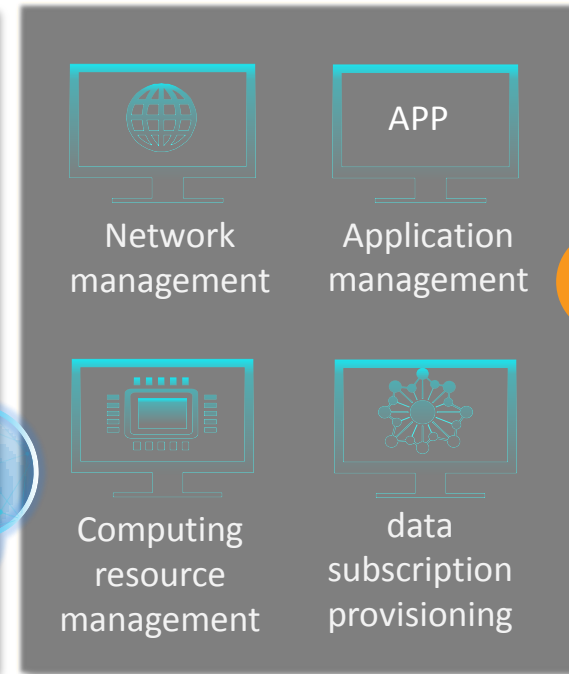
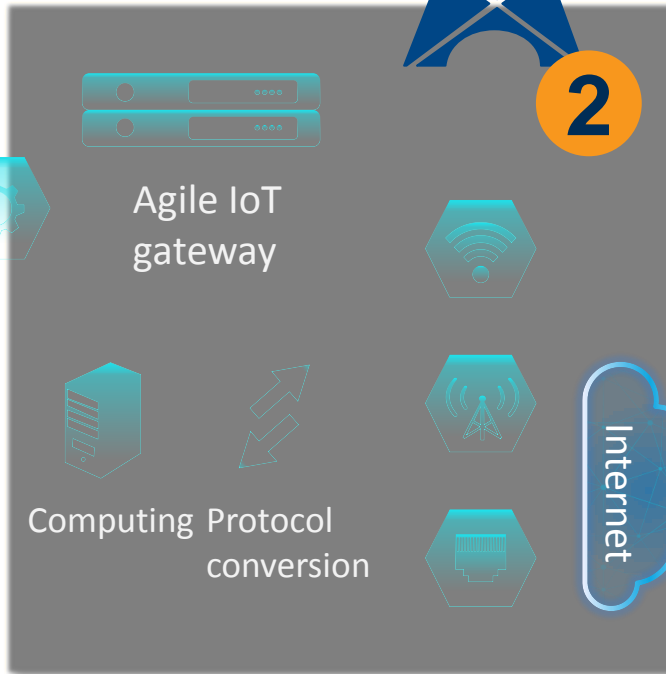
kommunizieren

senden

1



2



3

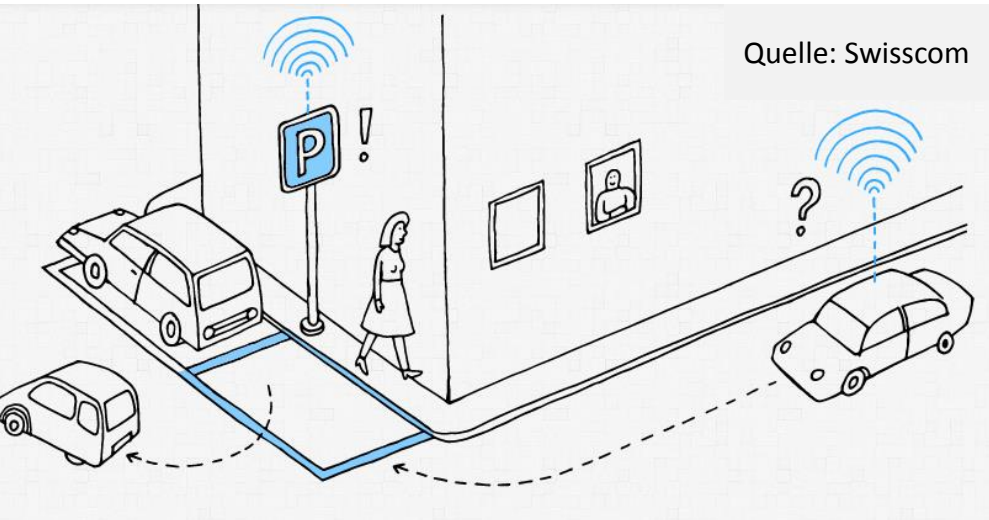
auswerten



Kultur , Fokus & Stärken

Heaven is where
the police are British,
the cooks Chinese,
the mechanics German,
the lovers French,
and it is all organized by the Swiss.

Hell is where
the police German,
the cooks are British,
the mechanics French,
the lovers Swiss,
and it is all organized by the Chinese.



Jede Stadt hat unterschiedliche
bedürfnisse

Diese hängen stark von der Kultur,
regierung und dessen bestehender
Infrastruktur ab.



Technologien können **probleme**
lösen, neue Business Modelle ermöglichen

meine persönliche **interpretation**

Wundervolle **basistechnologien**
und **produkte** chinesischer Firmen

Umfassende **lösungen** aus/in Europa
(Finanzierung, Governance, Datenschutz, ..)

Don't do it **alone**



1,100+

Solution Partners



Open Lab



5,100+

Channel and Service Partners



eSDK



Thank you
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