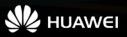
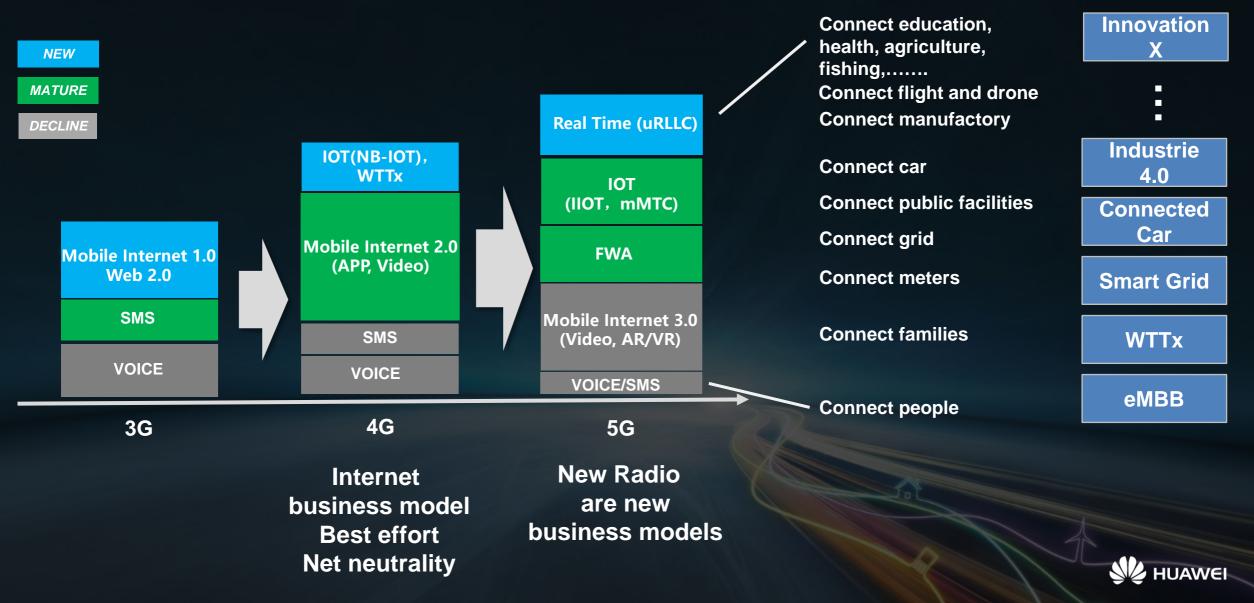
5G – Value Creation

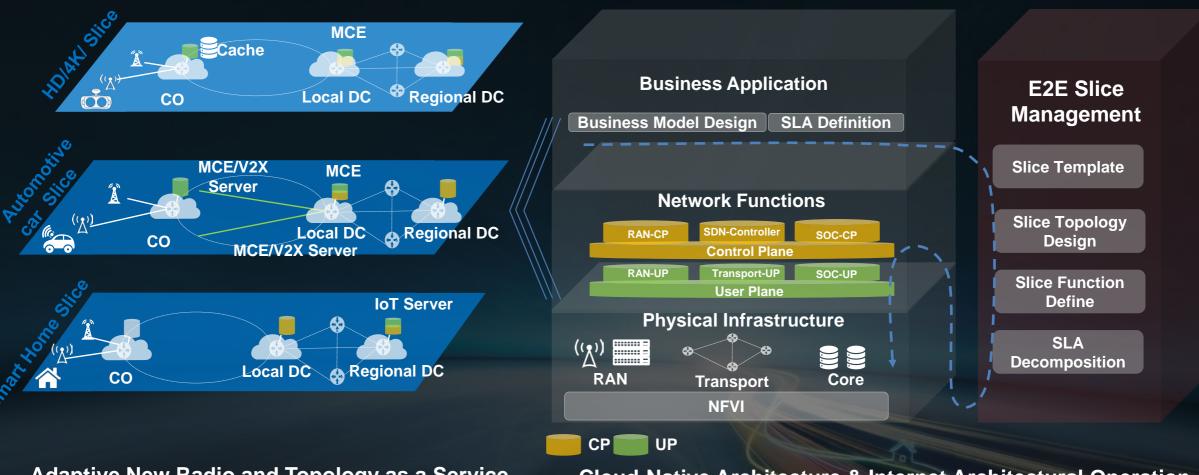
Artur Wachtel



5G Brings New Opportunities



Fulfill Diversify Business Requirements with E2E-Slicing

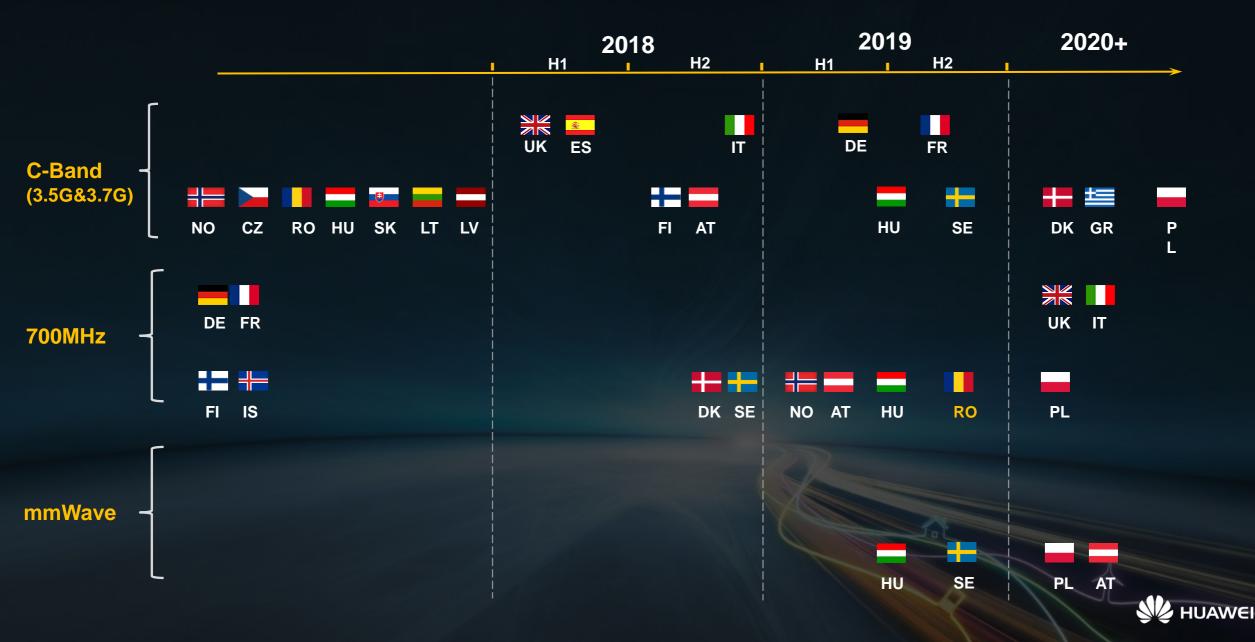


Adaptive New Radio and Topology as a Service

Cloud-Native Architecture & Internet Architectural Operation



European 5G Spectrum Overview: C-Band & 700MHz & mmWave



360° video VR – real content generated by user



live streaming or broadcasting

Computer Graphics (CG) VR – virtual content generated by computer







education

 \rightarrow

social network

gaming...



Video + Audio surrounding experience

~ 40mbps

looking"

Immersive + Interactive experience

100m ~ 9.4Gbps

"Where am I and in which direction I'm

VR/AR, UHD, 4K Will drive the demand for higher data rates and more volume HUAWEI

Fixed Wireless Access

75%

20%

Home with Broadband

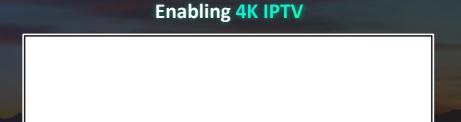
By 2025

Home with FWA By 2025



5G Home with Gbps Broadband By 2025

Source: Huawei GIV



FWA provides Fiber like home broadband access



Home Entertainment



Home Office



5G Automotive – the car : a smart phone on wheels

99.999%

99.99%

99.9%

99%

90%

1ms



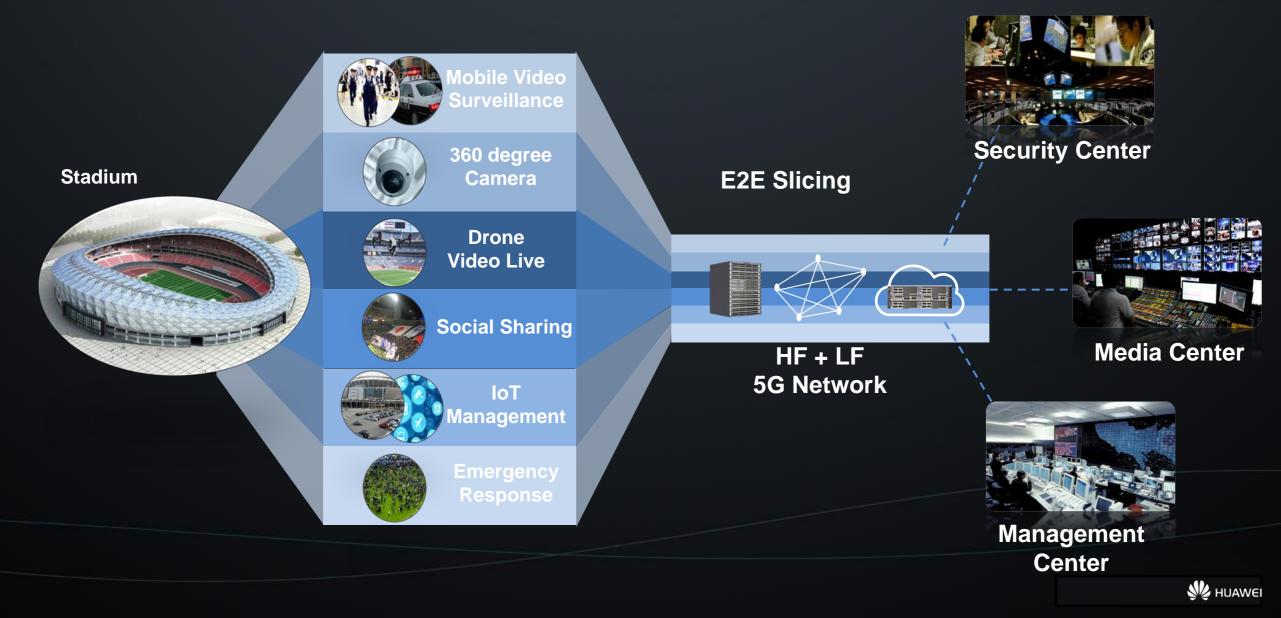
中国移动

ITS vs. IMT

IUAWE

W HUAWEI

5G Stadium: the Olympic Games in Tokyo 2020



5G will Make Factories Smarter and More Efficient





Network E2E Latency

5~100ms

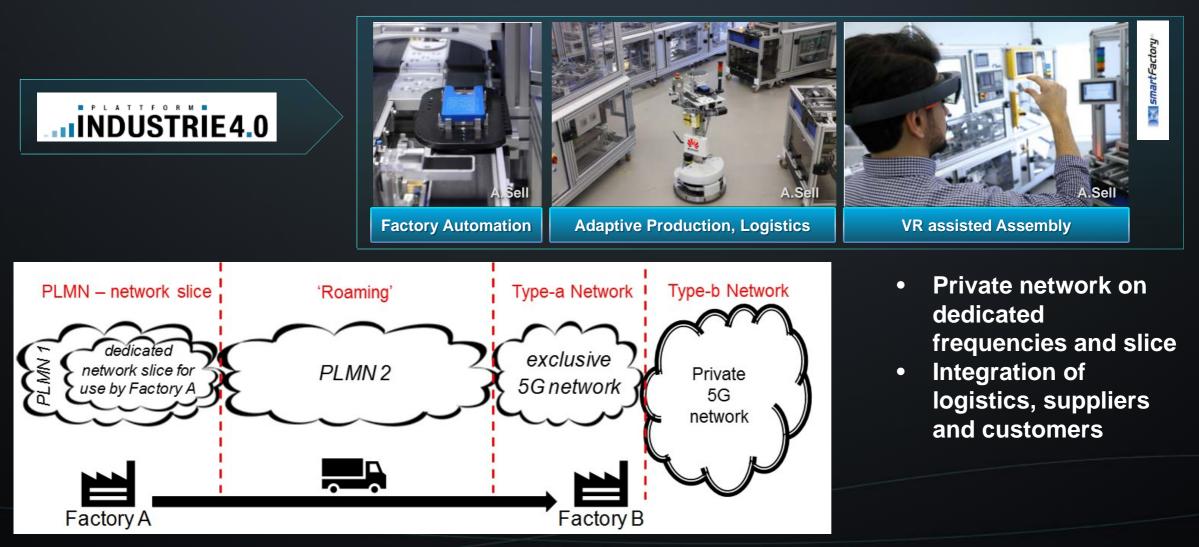
5G Enabled Output in Manufacturing by 2035:

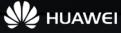


Source: IHS The 5G Economy Report, 2017

W HUAWEI

5G for I4.0 Solutions





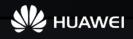
Rotterdam Harbour

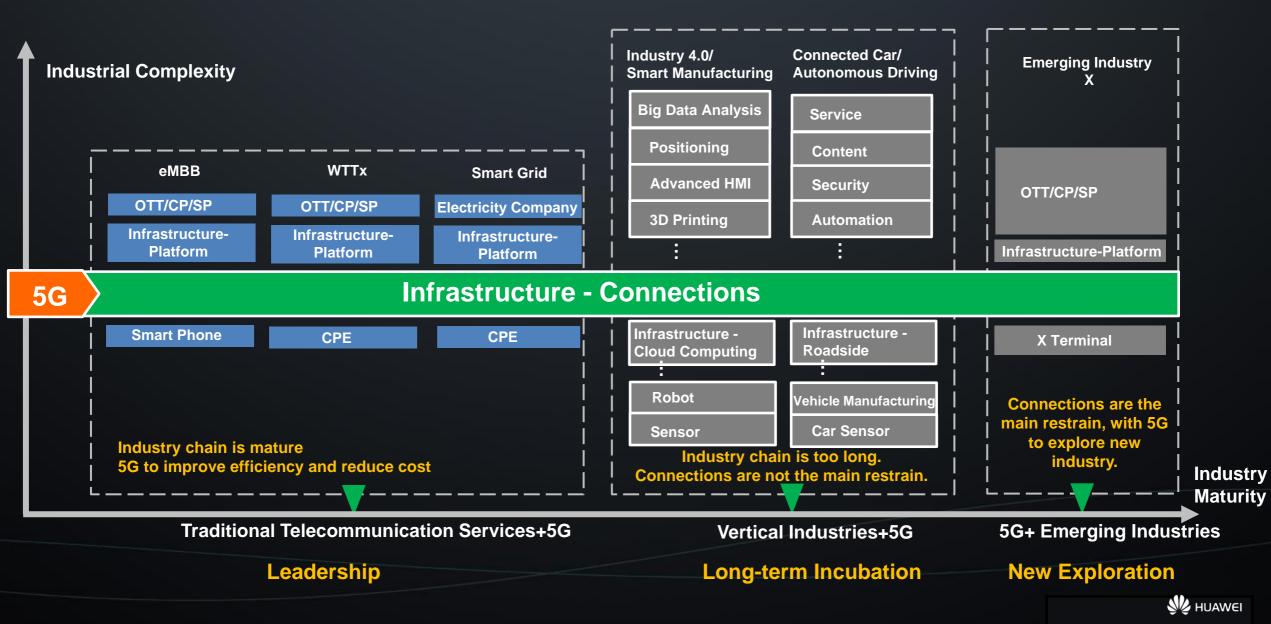


160 000 km of pipelines

- Large scale of wireless sensors
- Ultra High Definition (UHD)cameras
- Mobile inspection 5G robot
- industrial maintenance AR

In the Rotterdam harbour, KPN, Shell, ABB, ExRobotics, Accenture and Huawei have tested the first industrial 5G-applications with the new generation of mobile networks.





Thank you!

