

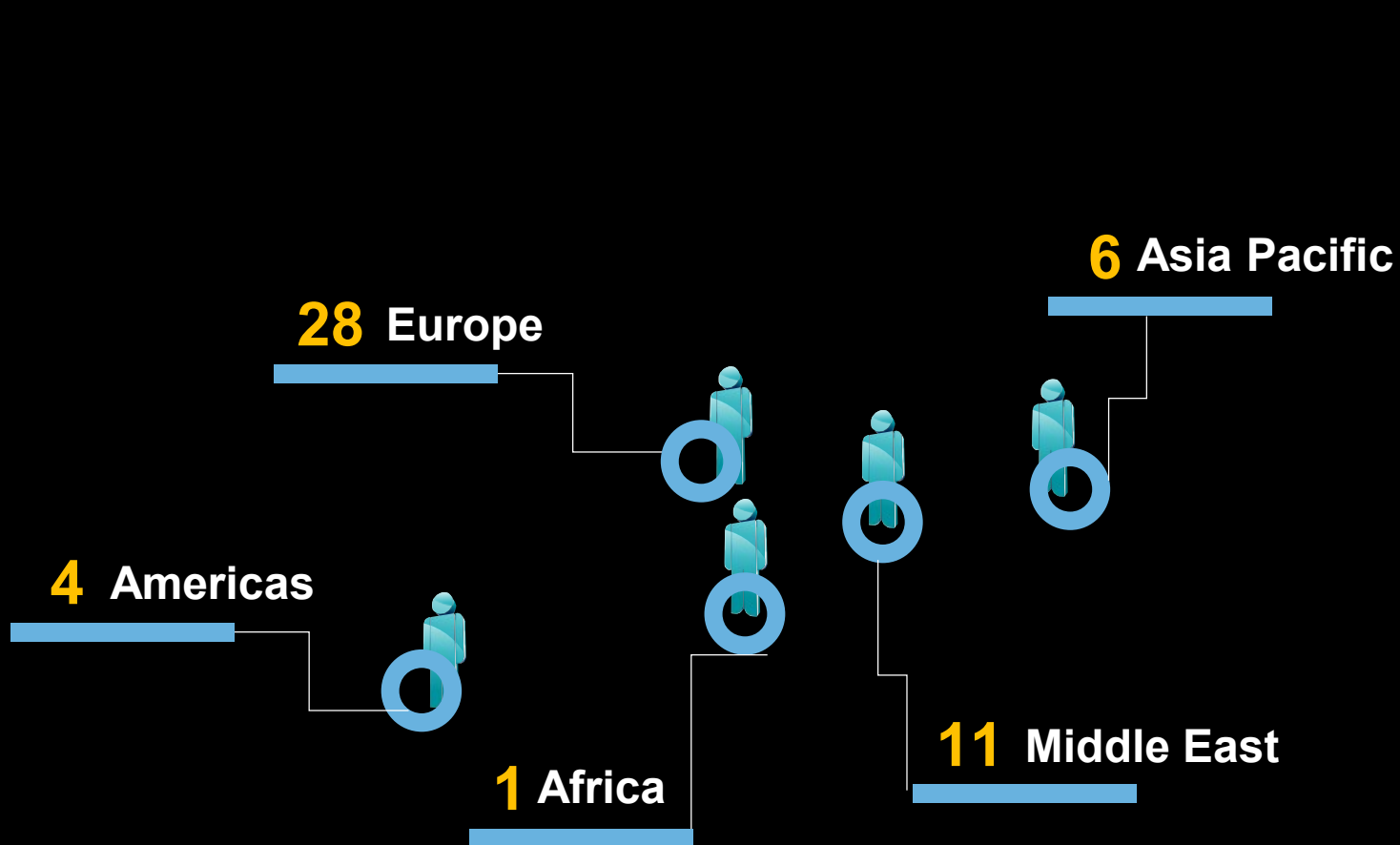
Service Innovation: Accelerating 5G Development

Michael MacDonald

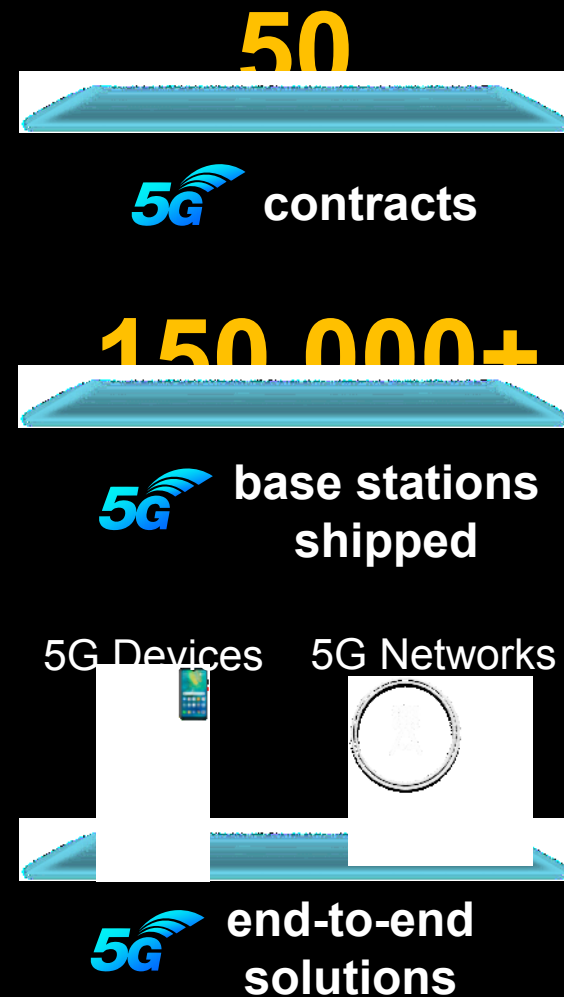
Chief Digital Officer, Southeast Asia, Huawei



Huawei is ready to support the world's largest 5G deployment in China

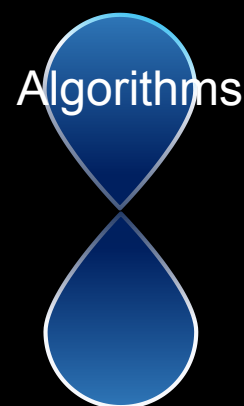
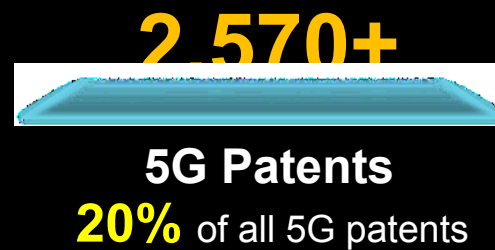
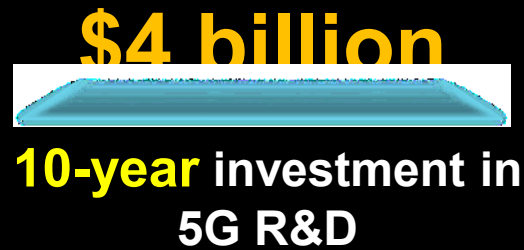
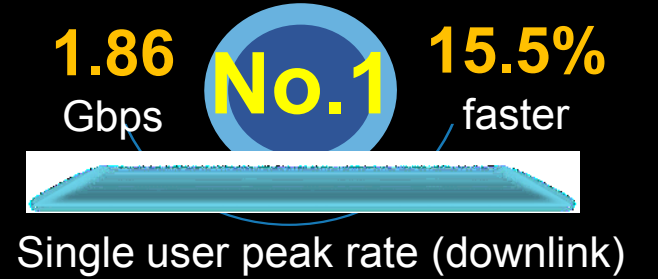
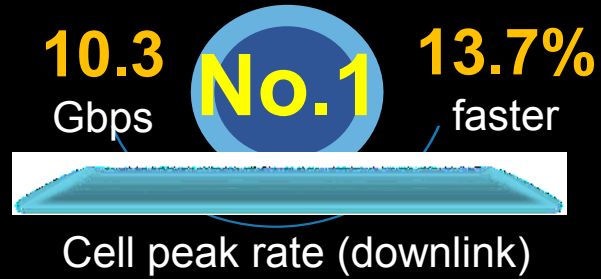


June 2019



Innovation is a “marathon”

Source: Third Phase, IMT-2020 NSA Field Tests

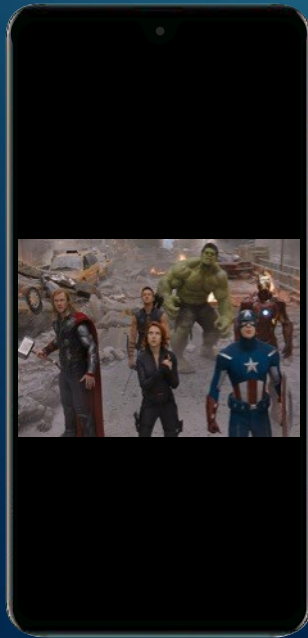


20x performance
Easier to install

Service innovation for a richer experience

4G for video

On-demand video
Limited bandwidth
6-10Mbps



5G for VR/AR



Interactive, massive bandwidth
VR: 100~200Mbps

5G for more imaginative broadcasting

Live broadcast truck

Price: **¥ 50~80 million**

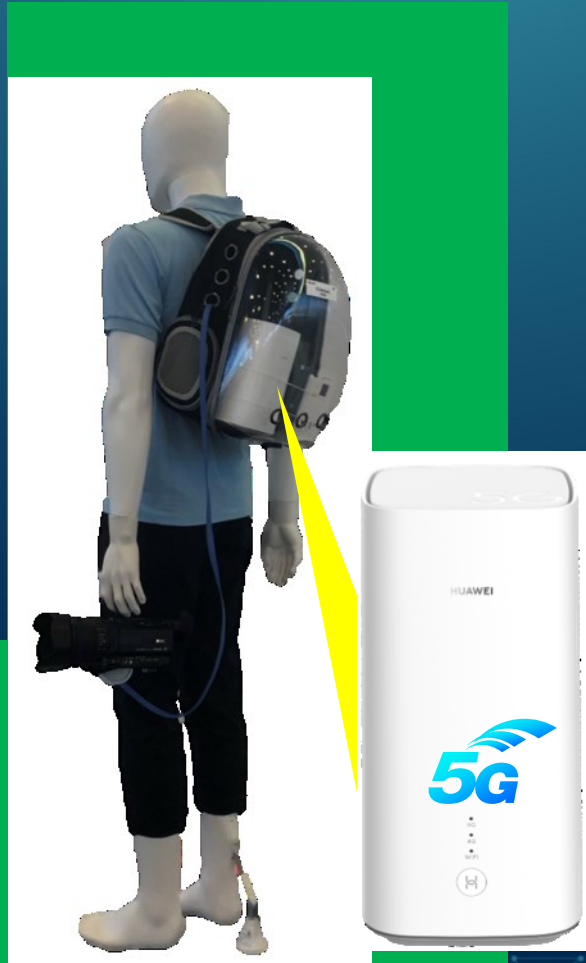
Prep time: **Several days**



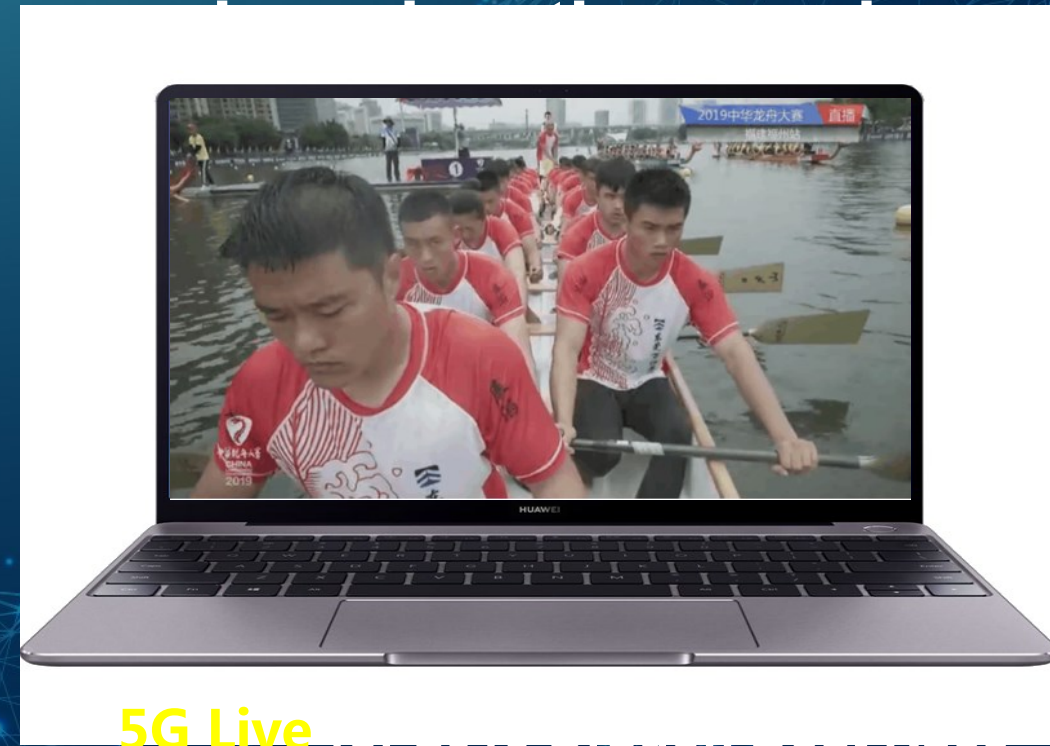
5G backpack

Price: **~ ¥ 10k**

Prep time: **Plug & Play**



One **5G CPE** for live



5G Live

June 7 – Fuzhou, China

China: 5G for more efficient grids

Grid protection



Recovery time **< 15ms**
>10 million ring network cabinets

UAV inspection



Person: **4km / day**
UAV: **14.5km / day**

Smart meter reading



570 million smart meters
20 million terminals



China: 5G for safer mines

Safety

Poor driving conditions

Drive remotely

Recruitment

Drivers : Avg. age **> 45**

Driverless vehicles

Efficiency

Avg. speed **< 10km / hr**

Speed **> 35km / hr**

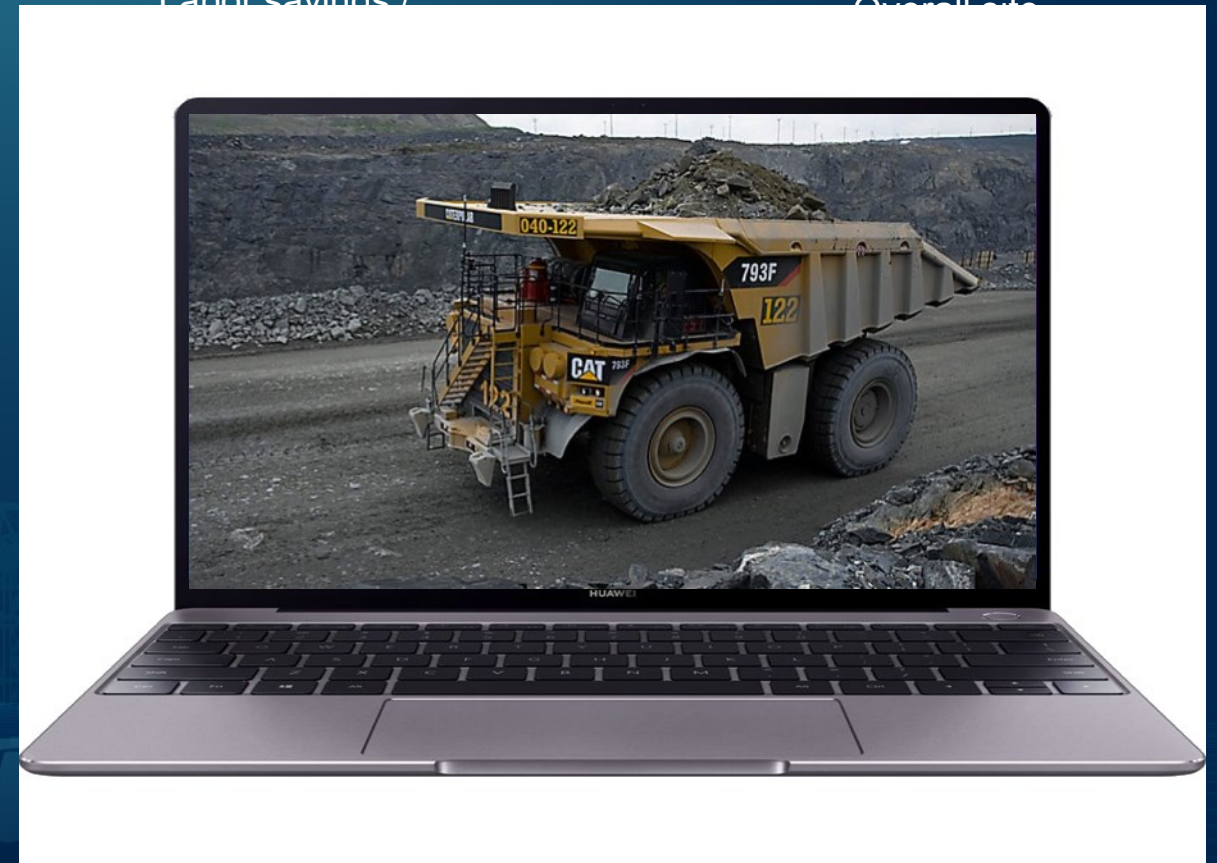
¥ **1mn**

Labor savings /

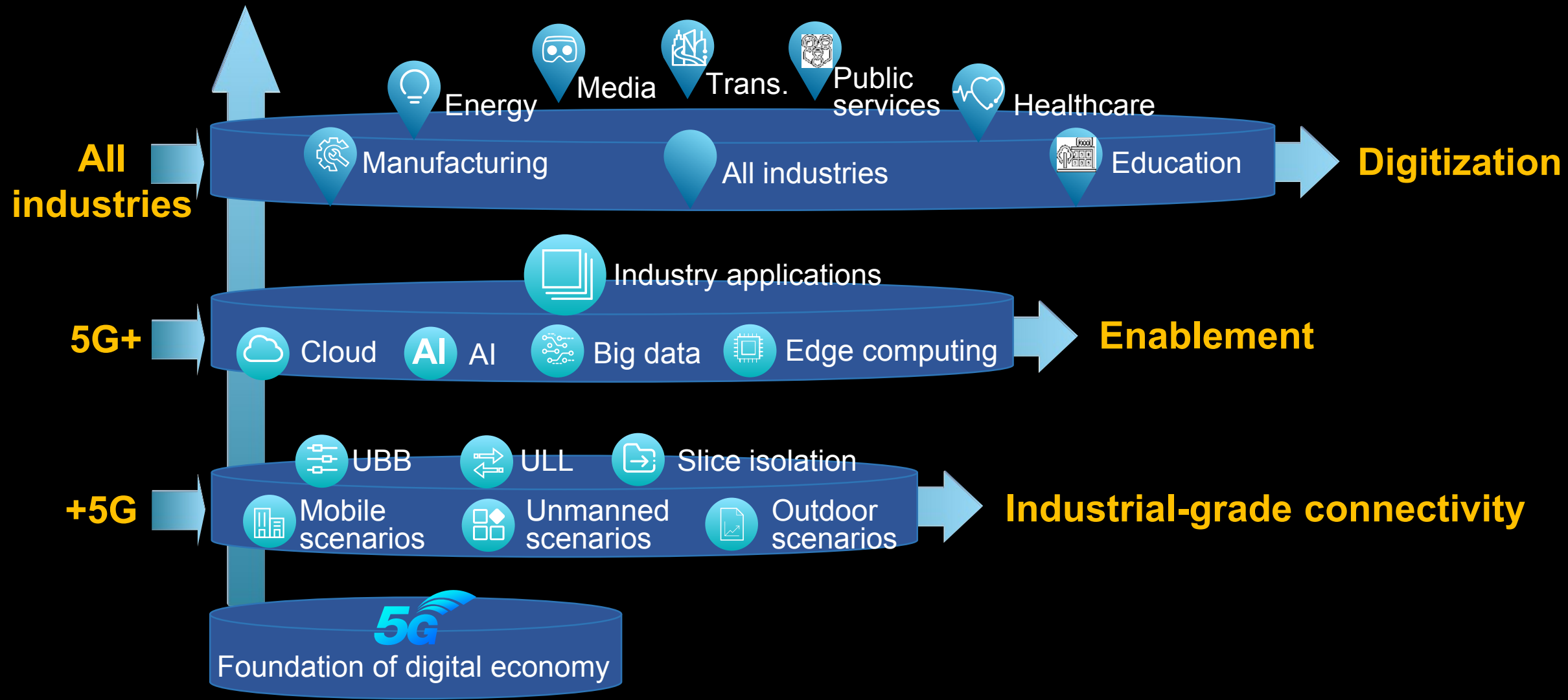
5% ↓

10% ↑

Overall site



5G is spurring the digitization of all industries in China



Industry collaboration: Exploring 5G applications and building out the ecosystem



5G VCN

5G smart port

5G smart campus

Cloud PC

Cloud gaming

Cloud VR



First Global 5G Open Lab

May 30, 2019 – Seoul, South Korea



Automotive



Education



Healthcare



Energy



Campus



Manufacturing



Media

Thank you
