5G vs 4G
What benefits can companies expect to see by 2025?

Improved performance step-by-step

2020
5G deployment on 4G sites, in high density zones

- Higher-speed internet
- More interactive and immersive experiences

2023
Standalone 5G deployment

- Responsiveness in real-time (ultra-low latency)
- Advanced network-slicing functions for a wider range of use cases, such as critical IoT
- Development of massive IoT

Real time data for new use cases

5G

Workspace / media
3D collaboration, mobile videoconferencing, immersive events

Transport and logistics
Platooning, faster inventory checking, predictive maintenance

Healthcare
Telemedicine, predictive medicine, smart ambulance

Smart cities
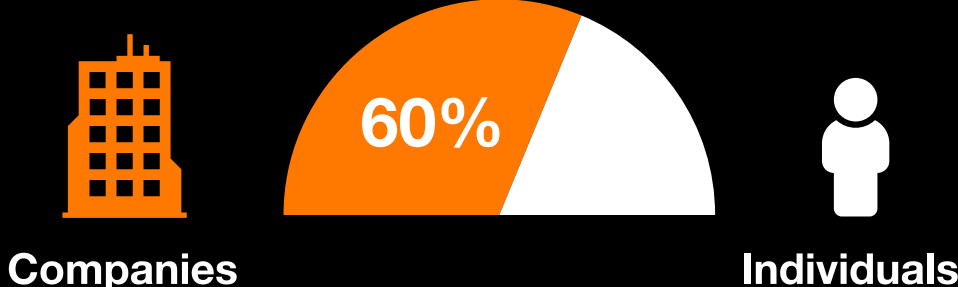Smart vehicles, smart traffic control systems (lights and signalling)

Industry 4.0
Industrial robots, augmented technician, reconfigurable factory, smart guided vehicles, drones

New business ecosystems
driving unprecedented enterprise data growth

60% of data will be generated by companies by 2025 (vs 30% today).
(sources: IDC, Data Age 2025)

60%

Companies

Individuals

A more energy efficient network

5G will be 10 times more energy efficient than 4G by 2025.

10x

5G:
an evolution of mobile networks, compatible and complementary to existing networks.

Wi-Fi	LoRA	LTE-M
2G	3G	4G
Fiber	xDSL	

5G

orange Business Services