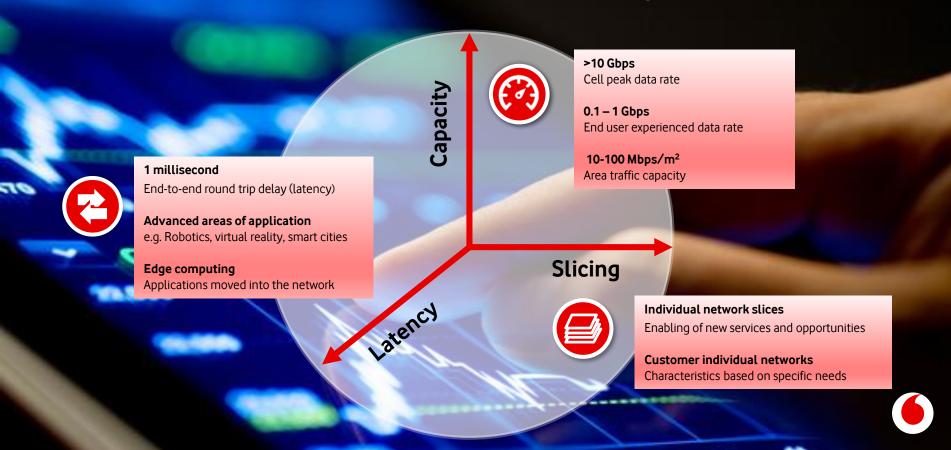


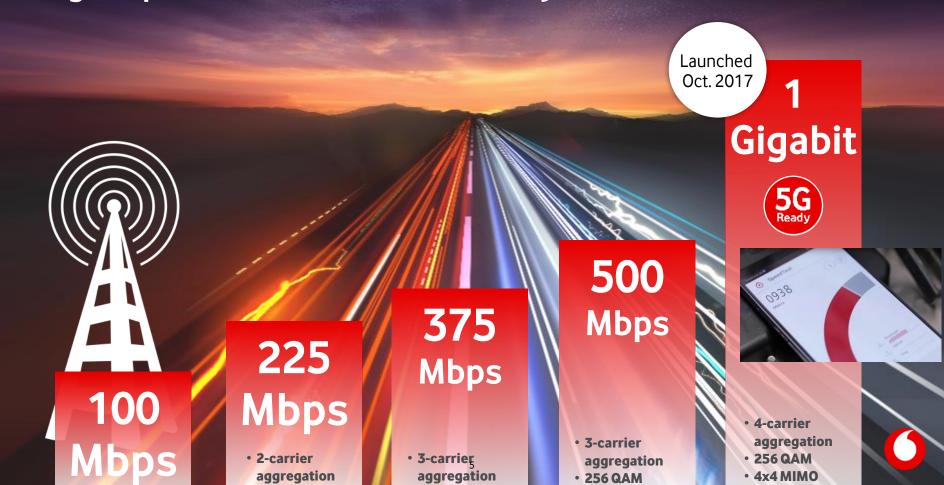
5G technology stands for huge capacity, ultra low latency as well as reliability by network slicing







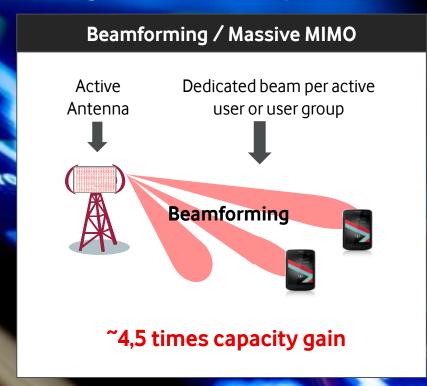
1 Gigabit per second in mobile is already launched

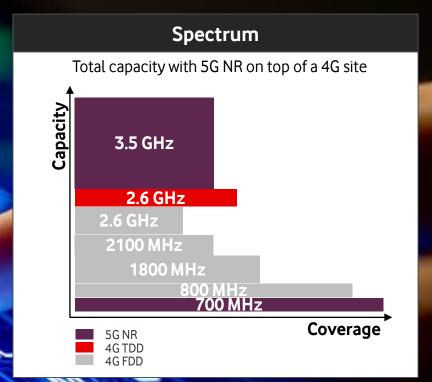






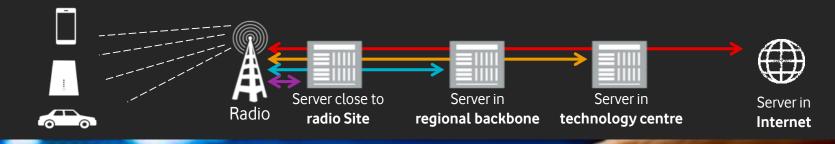
5G capacity gains driven by combination of beamforming & huge amount of spectrum

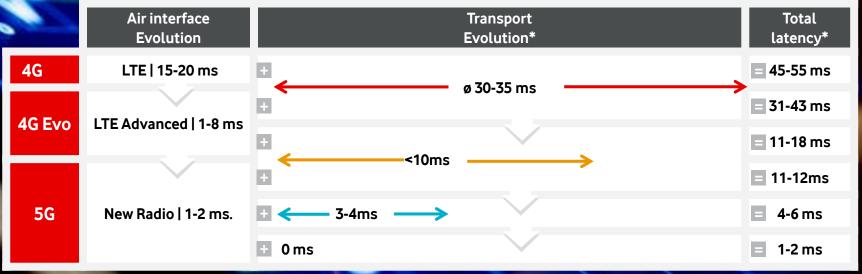


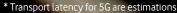




Ultra-low latency applications require an evolution on both, radio and transport network









Network Slicing enables separate virtual network slices tailor-made to the needs of specific use cases

5G Slice

Mobile Broadband

Well-Known-Business Hardware and Connectivity



Massive IoT

Internet of Everything (e.g. low cost asset tracking)



Critical IoT

Ultra low latency with mobile edge cloud

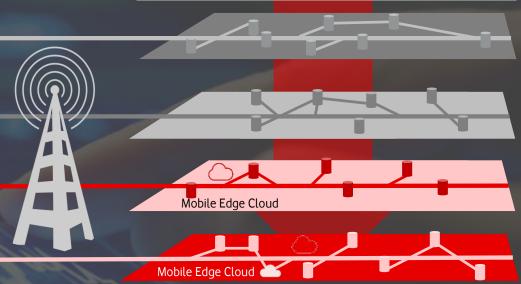


Customized IoT

Customer individual slice with individual network parameters



Taylor-made network slices with different selection function based on client needs



With Narrowband (NB) IoT we are offering network slicing already in our 4G network









"We tend to overestimate the effect of a technology in the short run and underestimate the effect in the long run."

Roy Charles Amara



