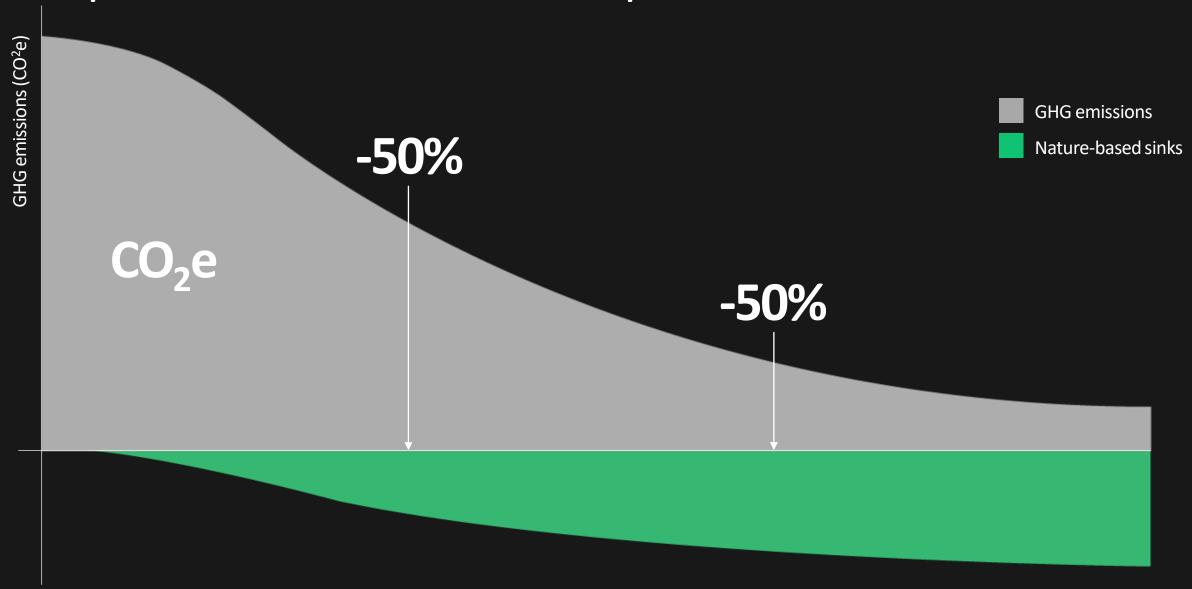




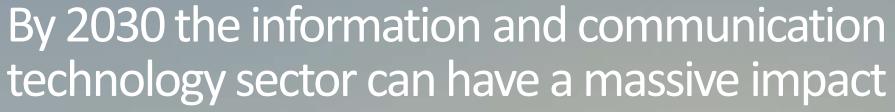


Exponential climate action required now!





2020 2030 2040



⁴ Malmodin, J. and Bermark, P. (2015), Exploring the effect of ICT solutions on GHG emissions in 2030, Proceedings for ICT for Sustainability Conference



is in a high reduction scenario based on the broad application of ICT in other sector to drive efficiency and transformation. The sum of individual sectors is around 16 percent, whilst double counting effects have been removed for the aggregated total of around 15 percent





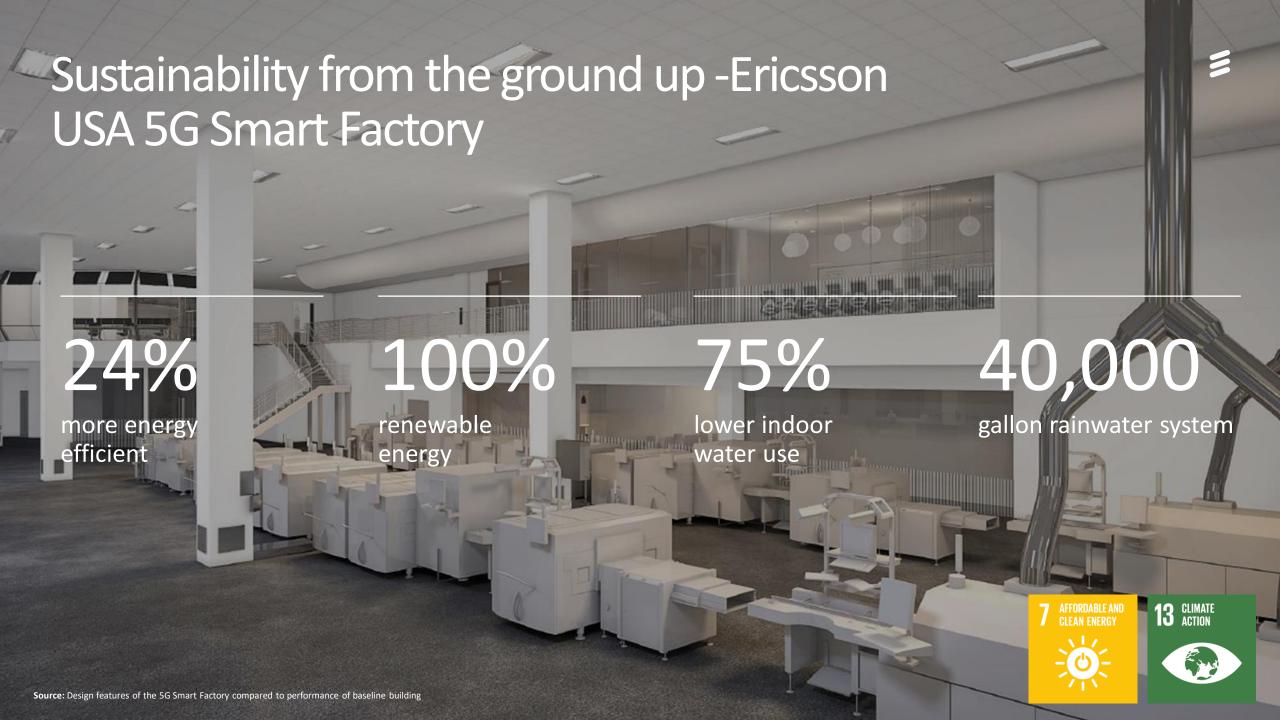


for company operations by 2030

10X

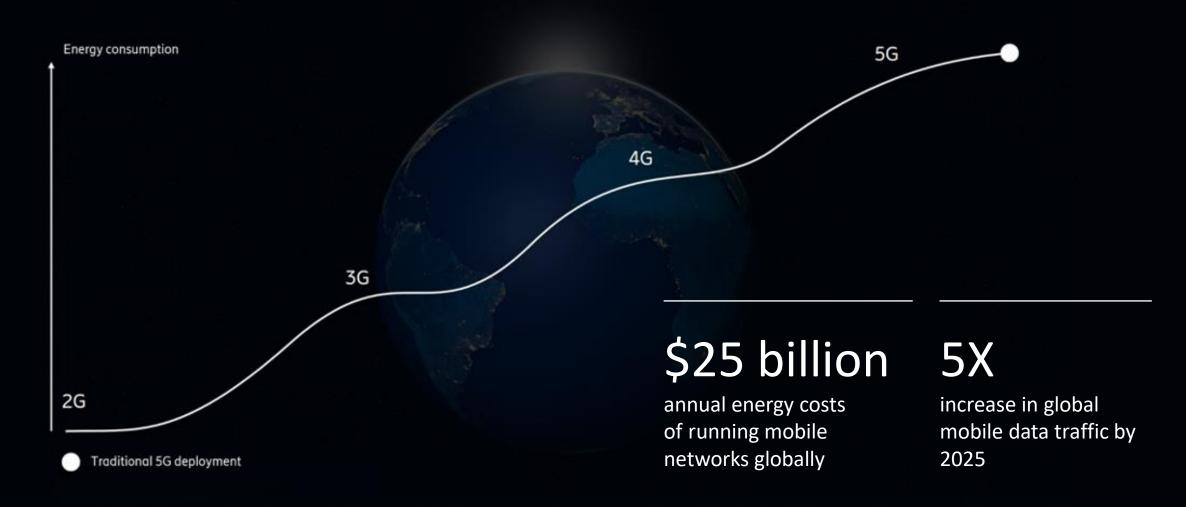
more efficient 5G portfolio than 4G by 2022





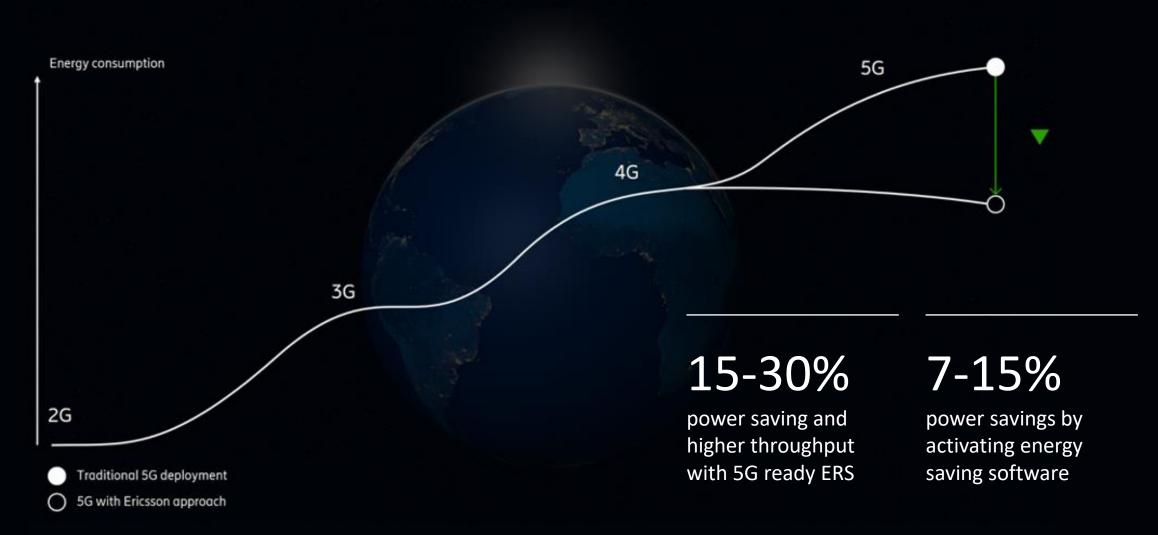






Reducing the impact of digital networks

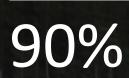




Source: Ericsson mobility and Breaking the Energy Curve reports

Transforming transportation





emission reduction

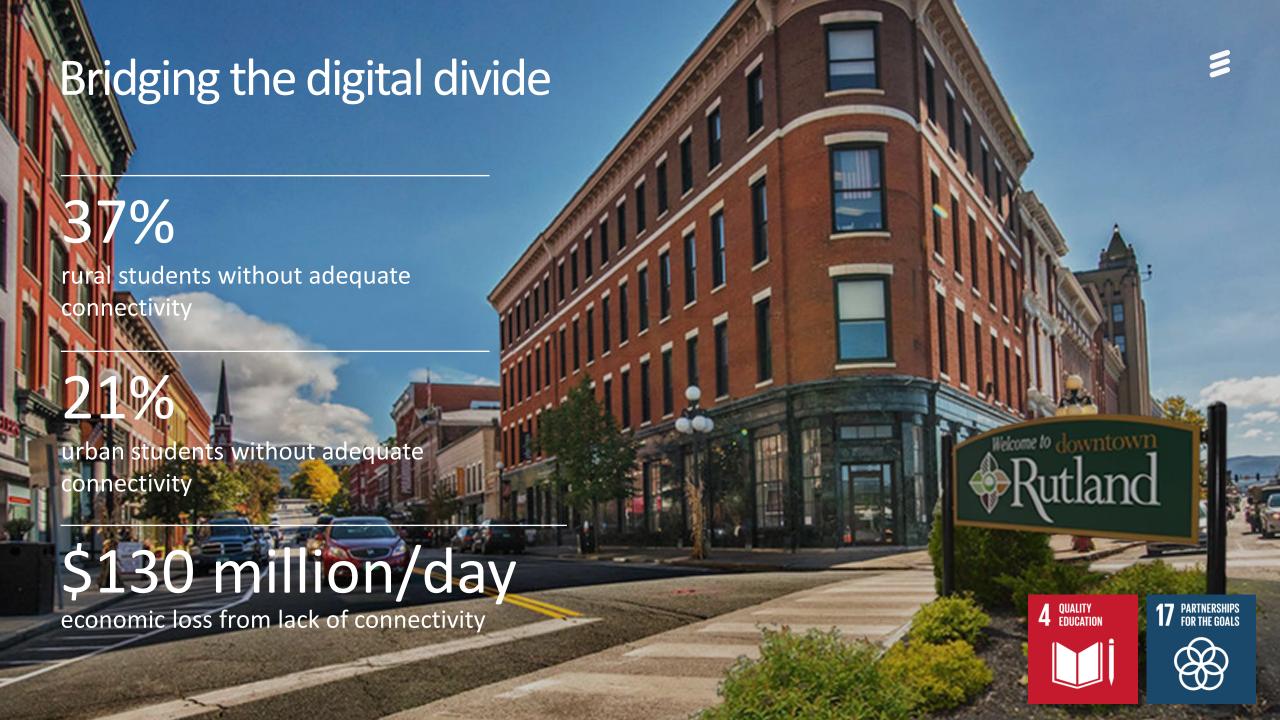
60%

cost savings









5G enabling the adoption of renewable energy sources

66%

global emissions for energy sector

85%

power from renewables by 2050

826 Gigawatts

new renewable capacity commitments

Reference: Exponential Climate Action Roadmap, Ericsson, UN summary for policy makers







Digitalization is critical for decarbonization of the industrial sector

32% of global emissions

20% reduction with real-time monitoring and control



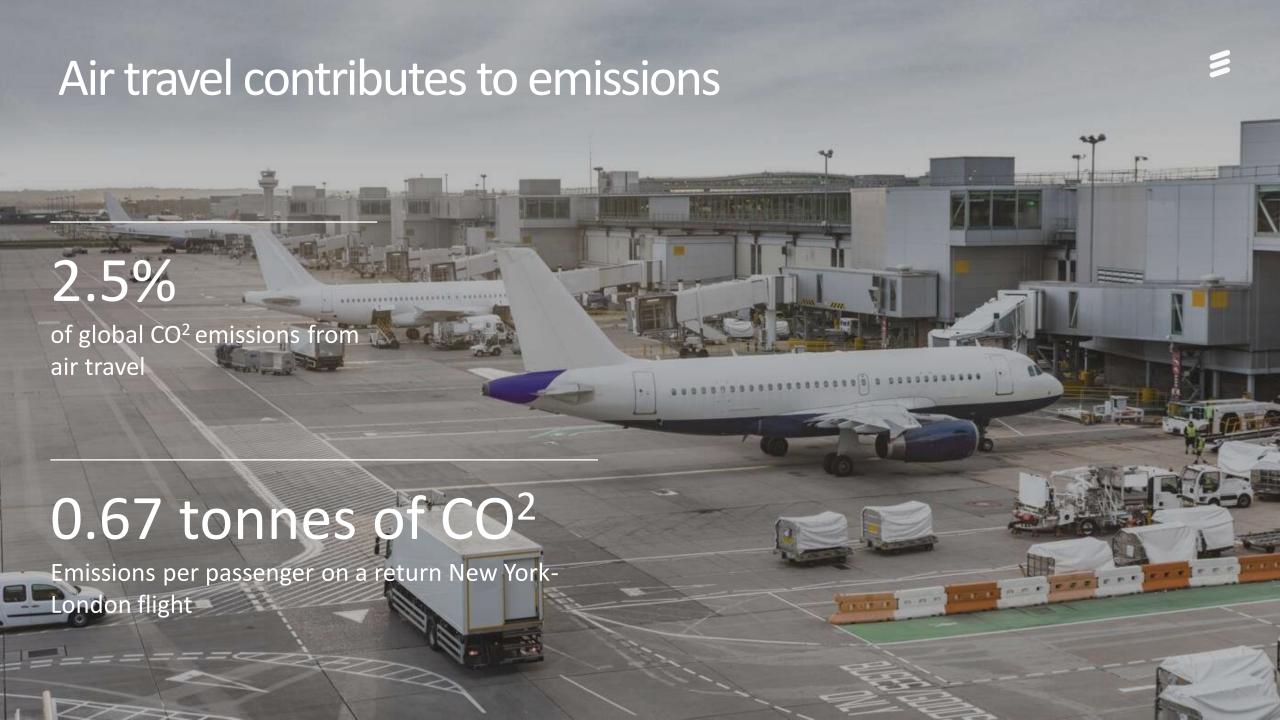
13 CLIMATE ACTION















2025

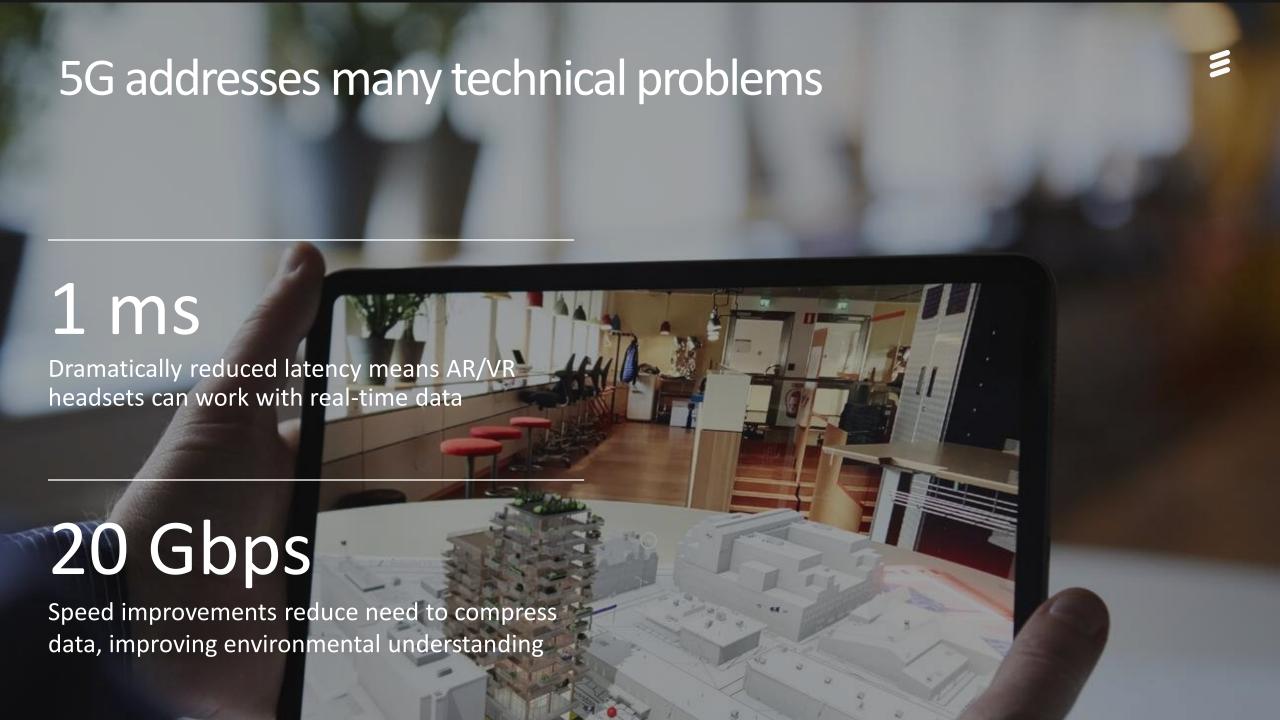
Ericsson Research's vision is that advanced technology will enable a full internet of senses

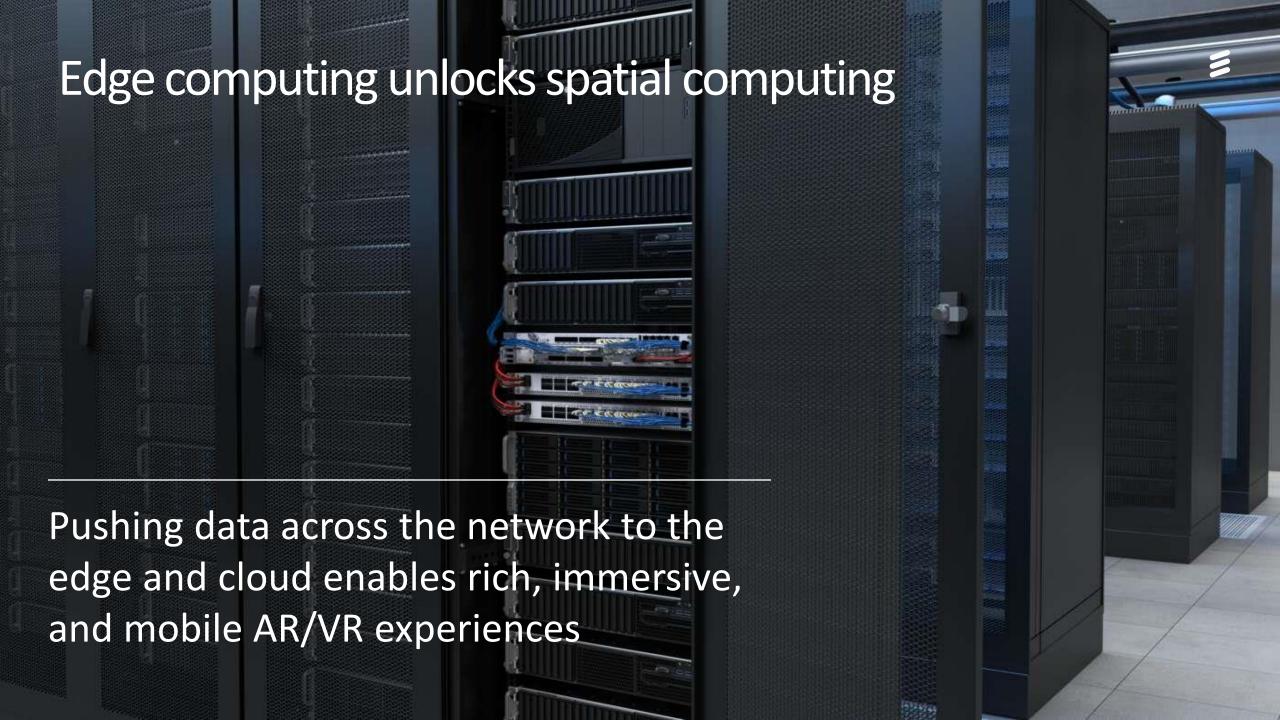
















Form factors

Offloading compute into the network reduces headsets' weight and size

Battery life

Processing environmental data at the edge or cloud reduces energy consumption

Mobility

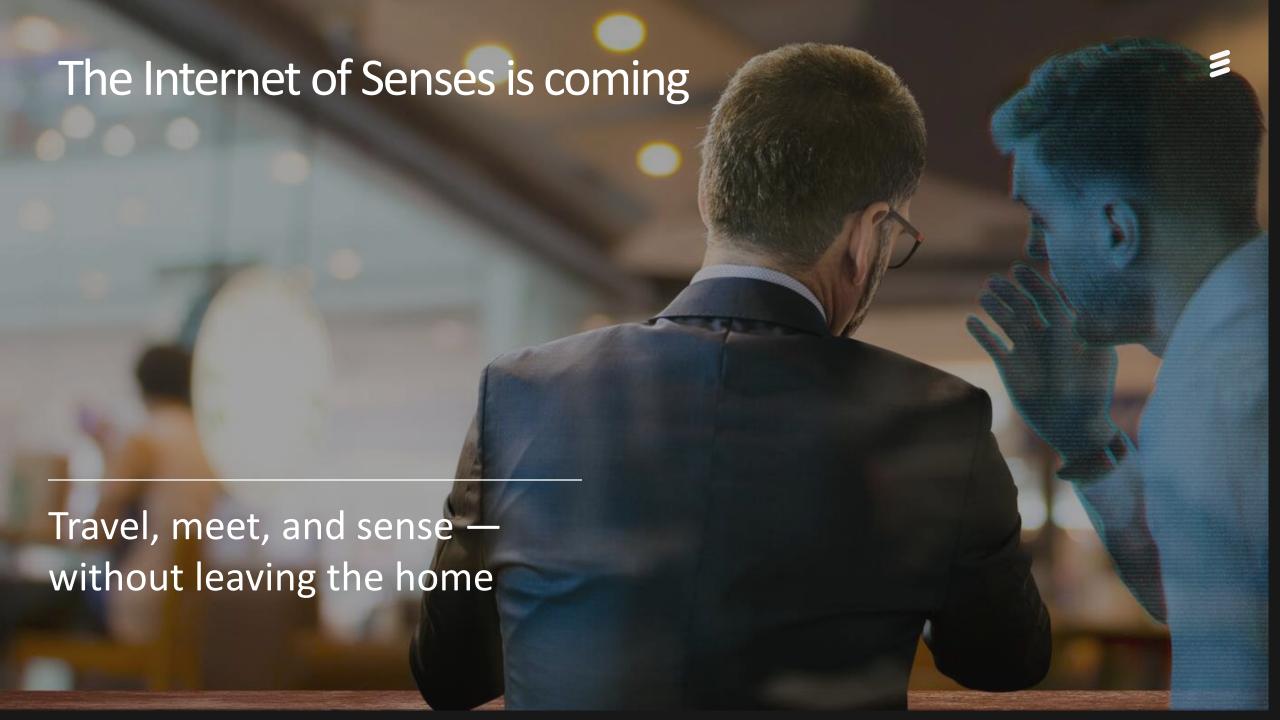
Experience XR outside the home and update content in real time

Collaboration

Allow multiple users to experience the same content and environment at the same time









ericsson.com/research