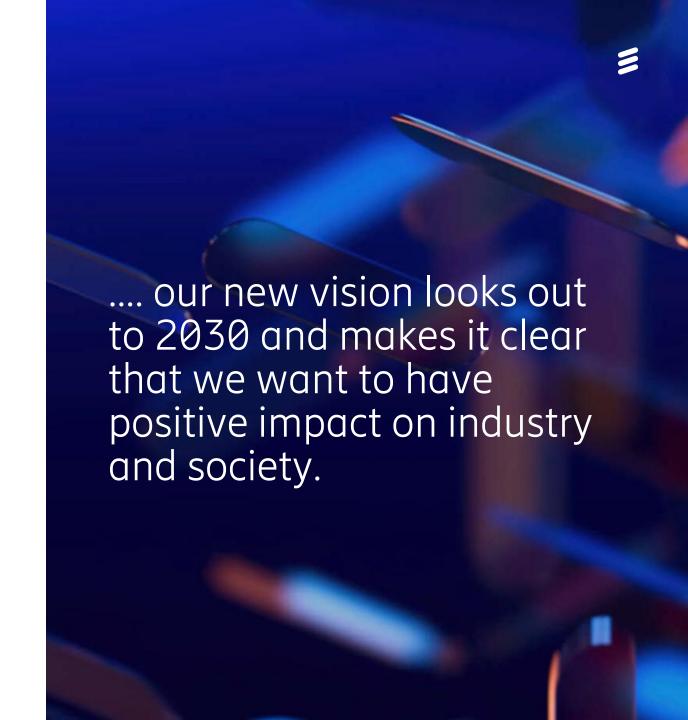


We are entering into an era of unprecedented challenge, change & opportunity, shaped by complex & dynamic forces...



### 5G and Healthcare – 2021 View



## Demand and diversity

- Broader interest in the use of connectivity towards such area as the elderly, home care and mental health
- Market research suggests that doubling of e-health postpandemic

# Applications and services

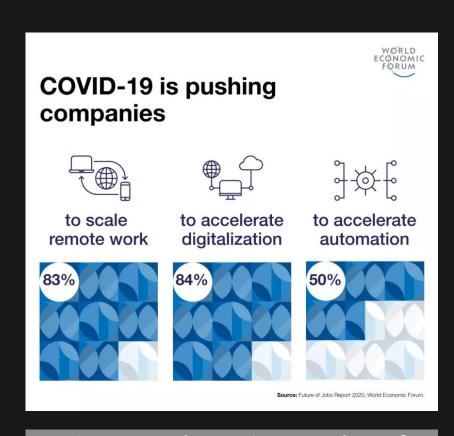
- Increasing use of applications supported by wearables in consumer and enterprise markets
- Analysts predict that digital worlds/virtual equivalents can reduce costs by 1/10 towards training<sup>1</sup>

Use-cases and developments

- Increasing number of similarities between use cases and research
- Monetization and scalability of solutions increasingly important



- Highlighted the global inequalities to the access of medicine and healthcare
- Provided a platform for stronger collaboration towards innovation



Diverse and growing number of opportunities possible towards healthcare with connectivity





Cost savings through automation/AI Increased accessibility — remote support

More personalized and proactive care

Accelerated learning

Rapid response

— remote

ambulances

Real-time transfer of data rich media Novel and remote monitoring techniques

New techniques for palliative care — digital therapeutics/ rehabilitation







## Ericsson Use Case Examples





#### **Distance Learning**

2021

- Innovative 5G robot connectivity trial in Denmark
- Enables a teenage student to join his classmates in real time, inside and outside the classroom despite having a medical condition which prevents him from physically attending school.
- Benefits to other healthcare opportunities



#### Non-evasive Monitoring

2019

- Using affordable and unobtrusive smarthome sensors like motion, power sensors, door/window or environmental
- Combined system can learn about typical person habits.
- Intelligent service that offers family members reassurance and independent of any smart home device manufacturer.



#### **Connected Ambulance**

2020

- Provides an innovative new way to connect patients, ambulance workers and remote medical experts in real time
- A camera based in the ambulance transmits high-definition footage to the remote clinician with close to zero latency. Using a VR headset and a joystick, the clinician can then remotely guide the paramedic through a series of procedures based on haptic glove technology.



## Key takeaways



- 1 Momentum for 5G towards healthcare accelerating at pace
- 2 Awareness of possibilities with 5G still limited
- Reuse of solutions and research imperative to scale benefits across countries
- Benefits of 5G crosses many areas of the healthcare sector
- 5 Improving lives is an inherent part of the Ericsson Vision

