5G BUSINESS POTENTIAL

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2022

- 7.5 → 9.0 b mobile subscriptions
- 3.9 → 6.8 b smartphone subscriptions
- >0.5b 5G subscriptions
- 8x mobile data traffic
  2.1GB → 12GB/smartphone
  50% → 75% video traffic
- 16 → 29 b connected devices

Ericsson Mobility Report June 2017
CHANGE WILL NEVER BE THIS SLOW AGAIN

AUGMENTED REALITY

AUTONOMOUS VEHICLES

ARTIFICIAL INTELLIGENCE
## ICT TRANSFORMING INDUSTRIES

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4th Industrial Revolution
Powered by 5G

Empowering people, transforming industries, advancing society


1G 2G 3G 4G 5G
ERICSSON 5G INDUSTRY COLLABORATION EXAMPLES

Examples:
- Industry 4.0 Lab - Aachen
- EV Vehicles - Radio, Core - 10,000 visitors/year
- Digitized Mine
- Future Transport Solutions
- World Class Manufacturing
- Remote Operation
- Smart Manufacturing
- Connected Energy
- Agriculture
- Coordinated Industry Communication
- Industrial Internet
- Port Operation

33 Operator MoUs
20 Industry partners
45 University and institute collaborations
We collaborate with industry partners to
› …explore the digital transformation of different industries
› …explore tomorrow’s use cases, using today’s technology
› …explore new business models and value networks
› …together define 5G for Industries
5G ENABLED MINING
PIMM – Pilot for Industrial Mobile Communication in Mining

• Increased productivity
• Improved Safety

Partners:

[Image: Boliden]
5G Enabled Digitalization Revenues for ICT Players

Source: Ericsson, Arthur D. Little
Note: 1) Year 2026

- 1233 USDbn
- 6%
- 8%
- 10%
- 8%
- 10%
- 13%
- 10%
- 13%
- 19%
- 20%

CAGR 19˚-26˚

Energy & Utilities +122%

Manufacturing +115%

Public transport +128%

Public safety +125%

Healthcare +115%

Media & Entertainment +126%

Automotive +134%

Financial services +113%
› Technology development is happening now! Collaboration is key!
› Spectrum availability (sharing/flexible/…) needs attention
› Legislation may be impacted (autonomous vehicles, cyber security etc.)