

# Rural Connectivity Symposium



2018-26-06

# Agenda



- What we stand for at Ericsson
- Technology for Good
  - Quality of Life – Environmental Examples for Rural Concepts
  - Public Safety Examples
- Technology Enablers that become game changers for NZ
- Q&A

# Turning challenges into opportunities



Global Goals	1 No poverty	2 Zero hunger 6 Clean water and sanitation	7 Affordable and clean energy	8 Decent work and economic growth 9 Industry, innovation and infrastructure	11 Sustainable cities and communities	12 Responsible consumption and production	13 Climate action
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## Mobility, broadband, IoT and cloud

Business Opportunities	<ul style="list-style-type: none"> <li>— Basic connectivity</li> <li>— Mobile financial services</li> </ul>	<ul style="list-style-type: none"> <li>— IoT Accelerator</li> <li>— Connected environmental monitoring</li> </ul>	<ul style="list-style-type: none"> <li>— Pure solar</li> <li>— Energy performance</li> </ul>	<ul style="list-style-type: none"> <li>— 2G, 3G, 4G and 5G</li> <li>— Mobile financial services</li> </ul>	<ul style="list-style-type: none"> <li>— Connected urban transport</li> <li>— Connected vehicle cloud</li> <li>— Connected environmental monitoring</li> </ul>	<ul style="list-style-type: none"> <li>— Smart manufacturing</li> </ul>	<ul style="list-style-type: none"> <li>— Energy performance</li> <li>— Connected urban transport</li> </ul>
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# Sustainability and Corporate Responsibility



We aim to be a responsible and relevant driver of positive change.

Company purpose:  
Innovating  
Technology  
for Good



## **Responsible business**

Drive proactive agenda beyond legal compliance to maintain Ericsson as a trusted partner.

## **Energy, environment and climate action**

Provide sustainable solutions and services through a Circular Economy approach to differentiate and create business value.

## **Internet for all**

Deploy innovative solutions which improve mobile broadband affordability and accessibility to all.

# Ericsson Partners with Communities on Water Quality Initiatives



— River and Water Quality Measurements: Atlanta USA and Ottawa Canada



# MISSION CRITICAL COMMUNICATION

Mission Critical LTE

Public safety

# AT&T FirstNet Critical Comms

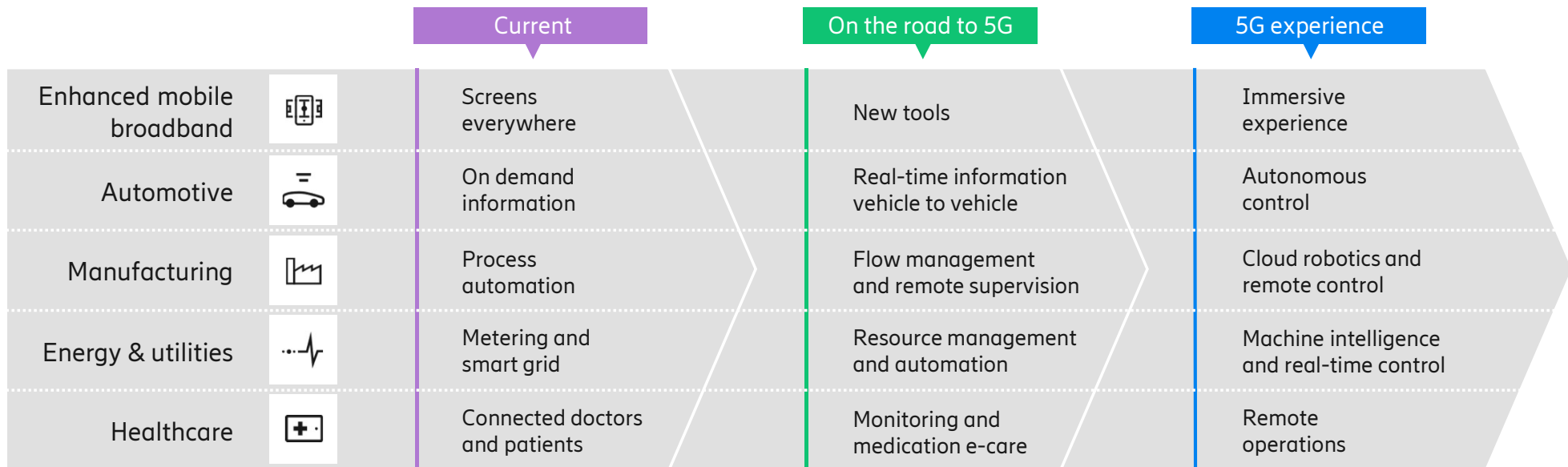


# Technology Enablers

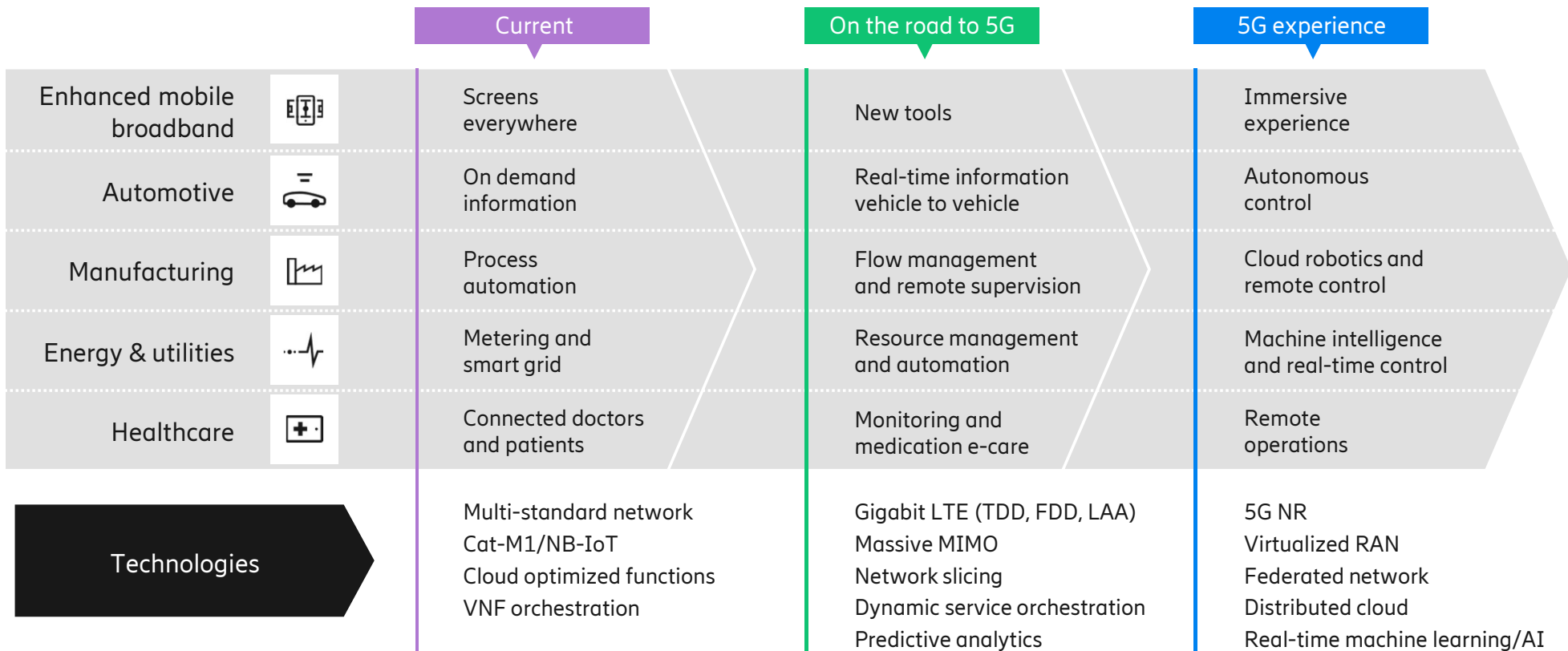




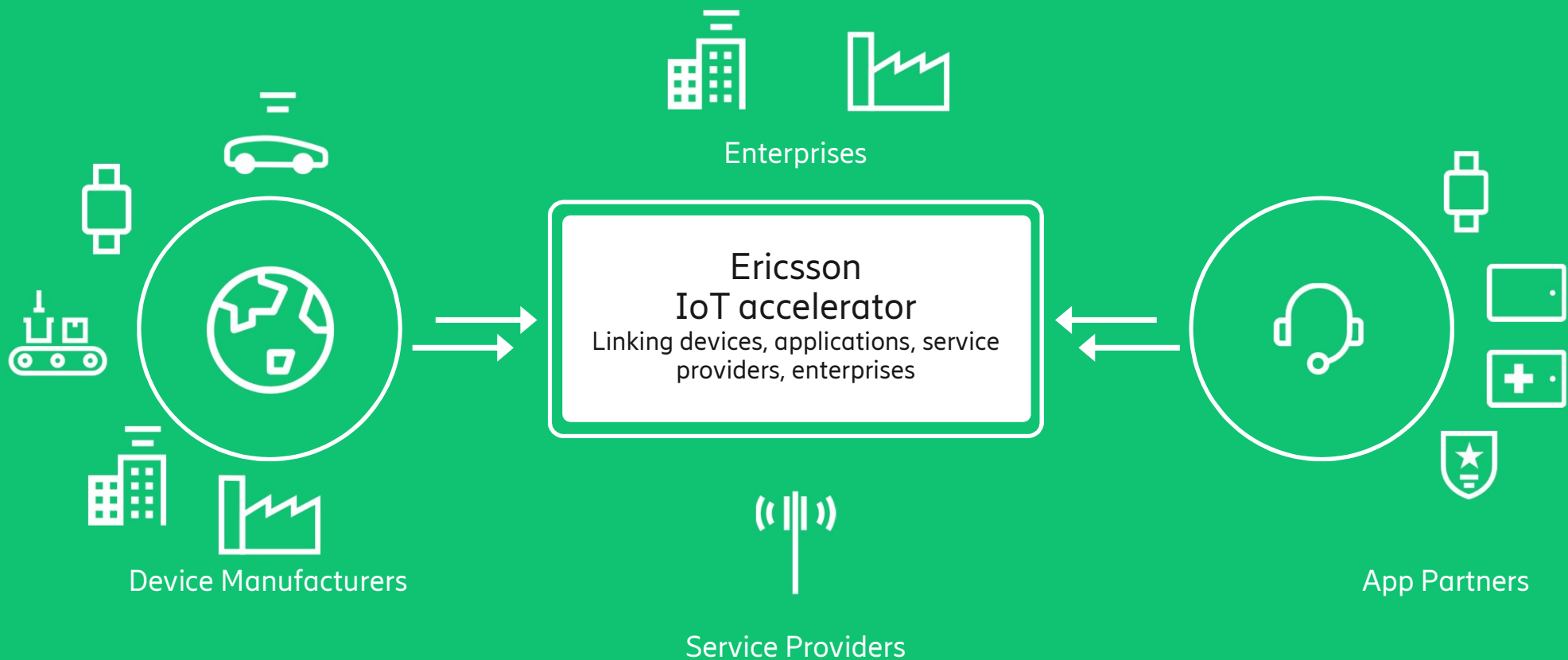
# It is all about use case evolution



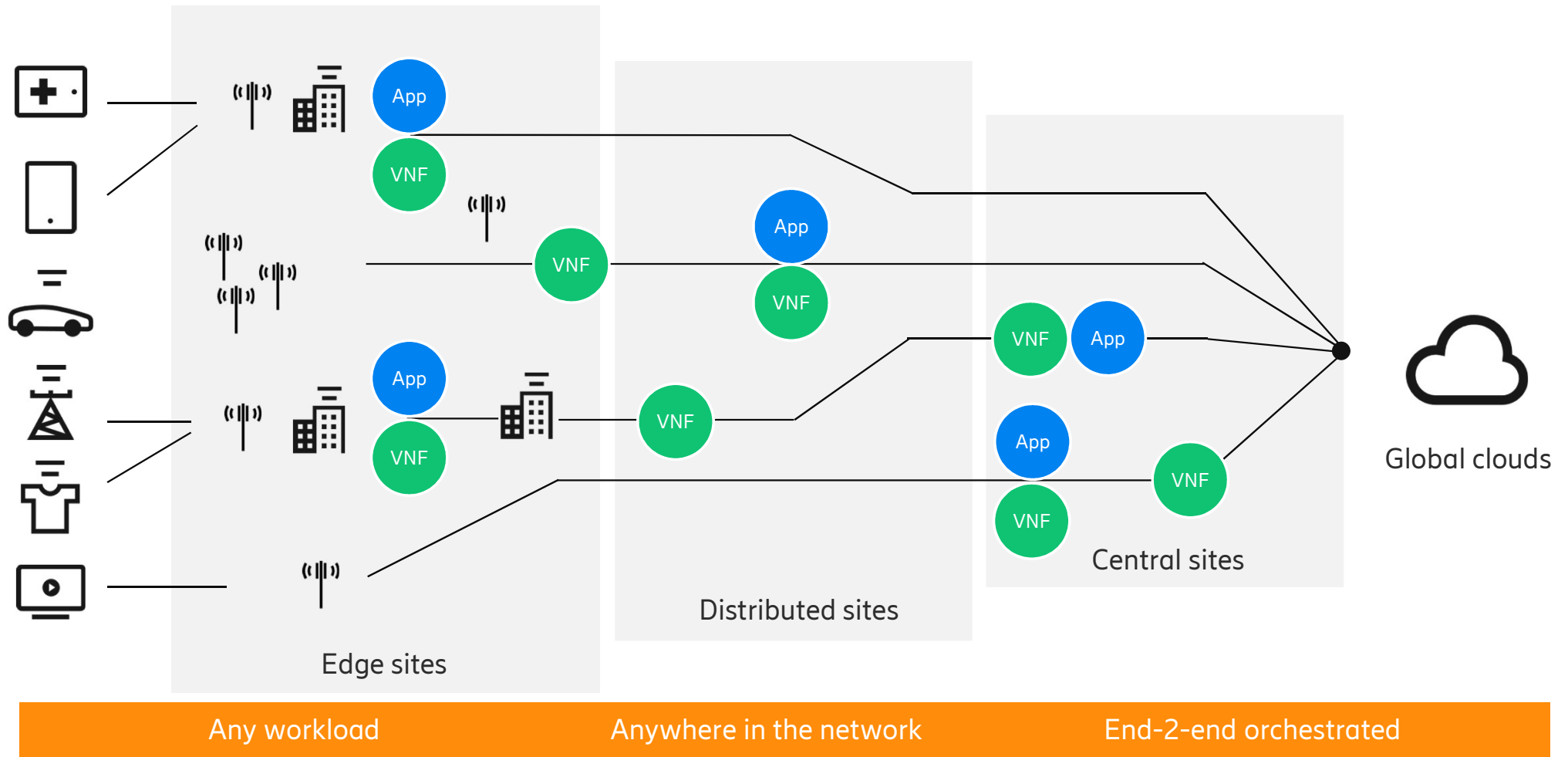
# It is all about use case evolution with supporting technologies



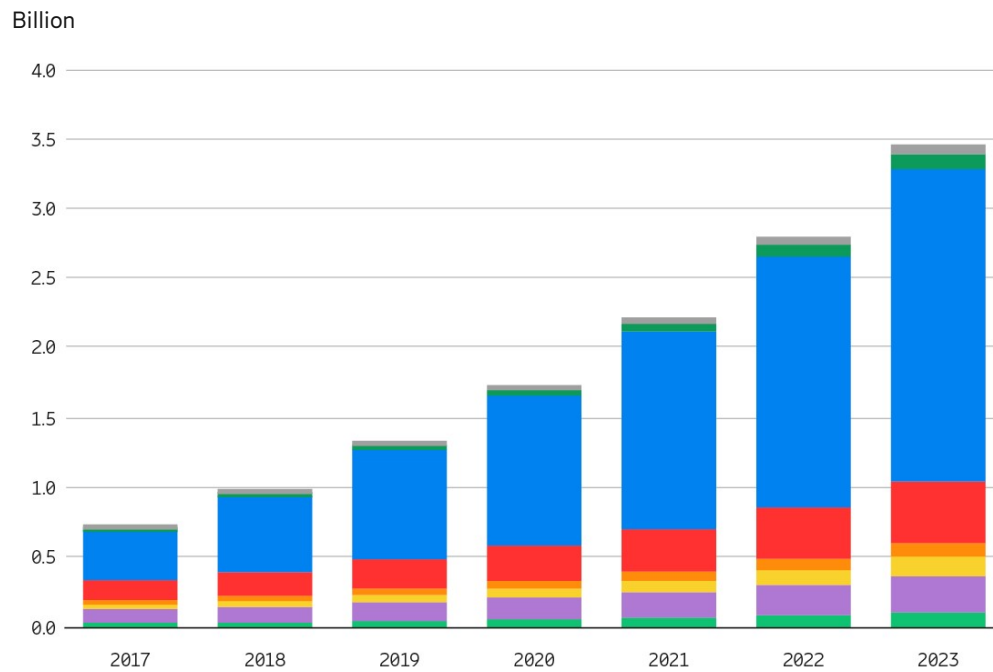
# Building an IoT ecosystem for 5G on our IoT accelerator



# Distributed cloud



# Cellular IoT connections per region



Cellular IoT connections in 2023 expected to reach 3.5 billion, with 30% annual growth rate.

## Connected devices (billion)

IoT	2017	2023	CAGR
Wide-area IoT	0.8	4.1	30%
Cellular IoT <sup>2</sup>	0.7	3.5	30%
Short-range IoT	6.2	15.7	17%
<b>Other devices</b>			
PC/laptop/tablet	1.6	1.7	0%
Mobile phones	7.5	8.6	2%
Fixed phones	1.4	1.3	0%
<b>Total connected devices</b>	<b>17.5</b>	<b>31.4</b>	<b>11%</b>

- India
- North East Asia
- Central and Eastern Europe
- North America
- South East Asia and Oceania
- Western Europe
- Middle East and Africa
- Latin America

These figures are also included in the figures for wide-area IoT

# Summary



- Ericsson has mapped our portfolio to solutions to address the Sustainable Development Goals such as Sustainable and Safe Communities as well as Clean Water Initiatives which bring significant value to Rural New Zealand.
- Ericsson Technology for Good Initiative is aligned with our MNO customers' and their Communities in order to improve Quality of Life and Provide Public Safety for their Communities
- IoT and 4G/5G are the foundation for the technology platforms upon which the innovation for Rural Initiatives will occur in the coming years in NZ

