



ERICSSON

TAKING THE BROADER PERSPECTIVE – FROM GHG TO SDG

PERNILLA BERGMARK, ERICSSON RESEARCH

ERICSSON AT A GLANCE



NETWORKS

Create one network for a million different needs

IT

Achieve business agility with transformative IT

MEDIA

Delight the TV consumer every day

INDUSTRIES

Connect industries for business acceleration

39,000

Patents

23,700

R&D Employees

32,8 B. SEK

In R&D

1 BILLION

Subscribers managed by us

2.5 BILLION

Subscribers supported by us

66,000

Services professionals

247 B. SEK

Net Sales

180

Countries with customers

116,000

Employees

TRIPLE BOTTOM LINE



Social Equity



Economic Prosperity



Environmental Impact



TECHNOLOGY FOR GOOD™



Advance society through sustainable development

Conducting Business
Responsibly

Energy, Environment and
Climate change

Communication
for All

Millions of people
positively impacted
through our initiatives



Energy
Performance



Banking the
Unbanked



Connecting the
Unconnected



Access to
Education



Re-uniting
Refugees

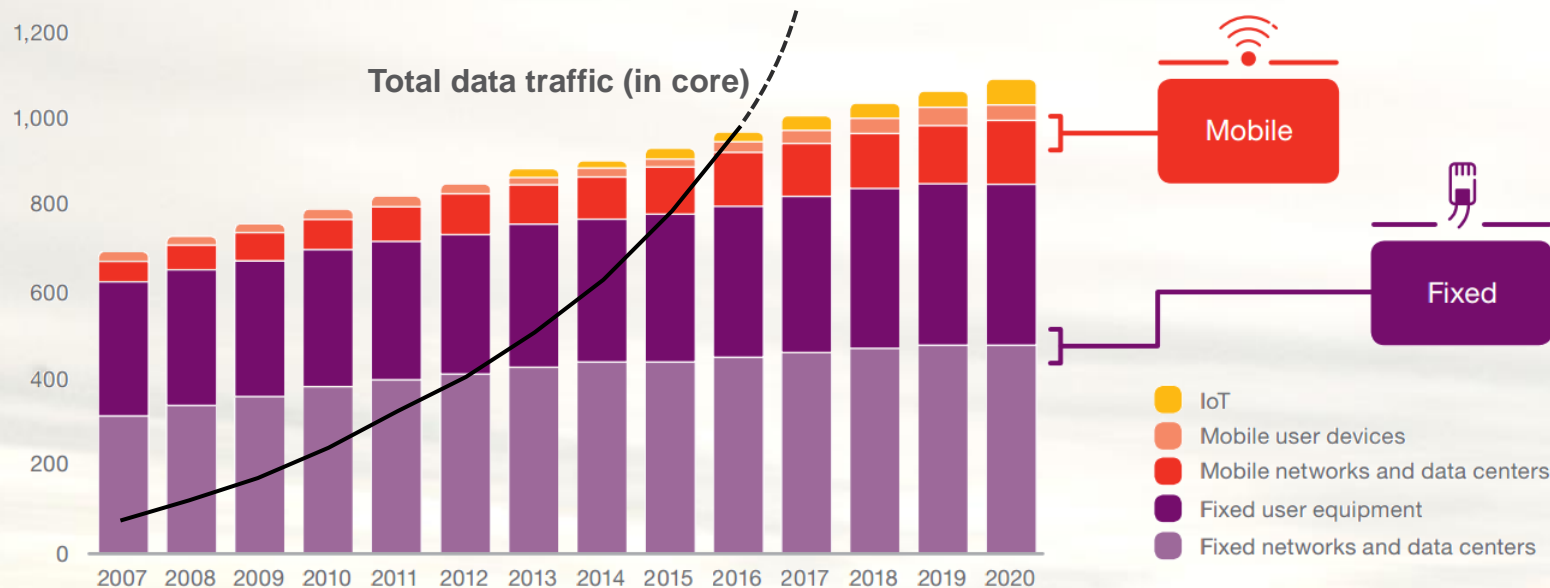


Disaster
Relief

ICT SECTOR ENERGY AND CO₂



Global energy consumption for network infrastructure and user equipment during operational phase (TWh)



From Ericsson Mobility Report November 2015

- Higher data traffic do not mean higher energy consumption, the energy consumption is more related to new networks that connects new users
- The carbon footprint share of the ICT sector has grown from about 1.3% 2007 to about 1.6% 2014 and is projected to slowly grow to 1.9% 2020 and stay at around 2% to 2030



ICT ENABLES TRANSFORMATION



Our strategy:

01

Maximize energy performance of our products and solutions

02

Reduce carbon footprint of our own activities

03

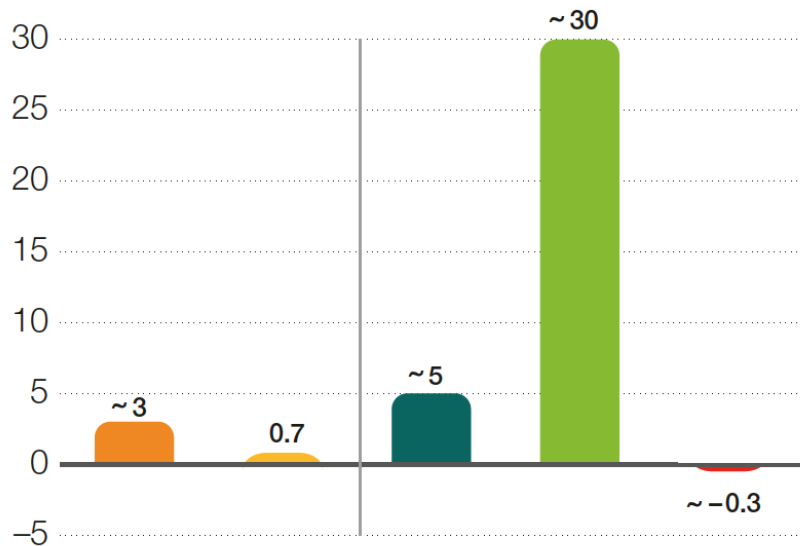
Drive transformation that enables a low-carbon economy

OUR FOOTPRINT



Ericsson carbon footprint 2015

Mtonnes CO₂e



Activities in 2015

- Supply chain
- Own activities

Future (lifetime) operation of products delivered in 2015

- Operator activities
- Products in operation
- End-of-life treatment
- ~ Approximately

Our **circular economy** approach builds on nearly 20 years of LCA experience. The well-established life-cycle assessment (LCA) includes raw material extraction, design, manufacturing, transport, use of products, disassembly and closing the loop with proper end-of-life management.



THE ICT ENABLEMENT EFFECT



15%

reduction in global GHG
emissions from ICT by 2030

Source: Ericsson Mobility Report

- › Smart transport
- › Smart buildings
- › Smart travel
- › Smart work
- › Smart agriculture and land use
- › Smart services/smart industry
- › Smart grids (incl. smart homes)

PRODUCT TAKE BACK



SUSTAINABILITY

CORPORATE RESPONSIBILITY

SOCIAL
EQUITY

ENVIRONMENTAL
PERFORMANCE

ECONOMIC
PROSPERITY

MINIMIZE RISK TO
BUSINESS AND OUR
BRAND

BEING A GOOD
CORPORATE CITIZEN

ECOLOGY MANAGEMENT
Ericsson's take-back program for
e-waste.



- Experience in Ecology management since 2005.
- Committed to proper handling of electronic waste
- 57 000 tons total taken back 2010-2015 YTD
- Significantly contributing to reducing environmental impact

Of all material collected more than 95% is recovered as raw materials.

ICT ENABLES AN ACCELERATED PATH TO ACHIEVE SELECTED SDG GOALS



Source: TBD
Ericsson sponsored research with Columbia University



ICT is a key driver of progress that is positively impacting every sector in society

THE GLOBAL GOALS

United Nations Sustainable Development Goals



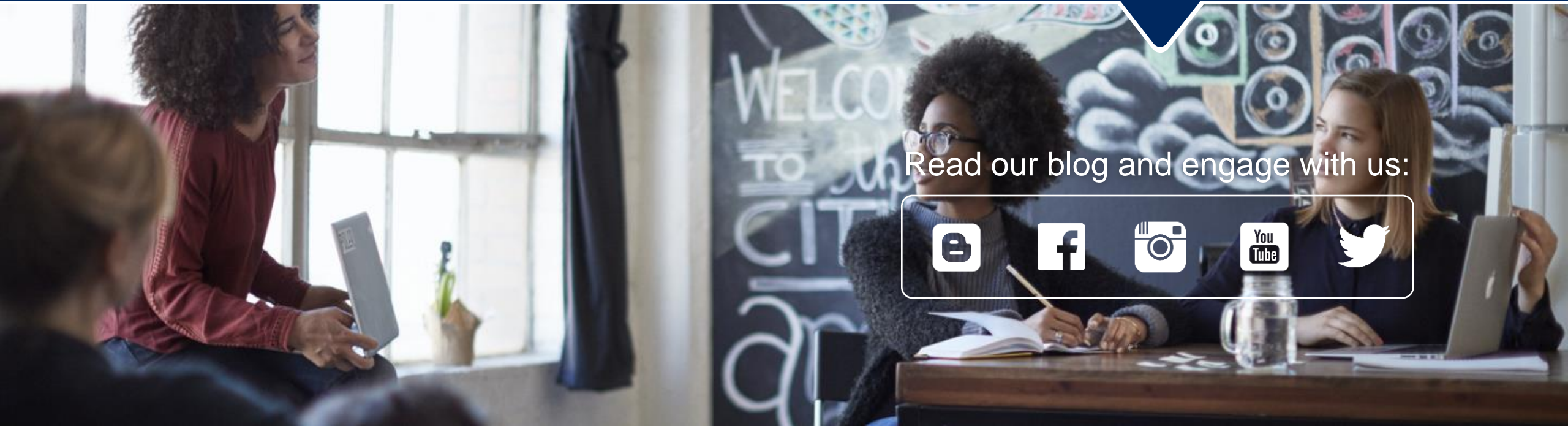
We are committed to the Global Goals, set to achieve three extraordinary things in the next 15 years:

- › End extreme poverty
- › Fight inequality and injustice
- › Halt climate change

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www.ericsson.com/sustainability



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