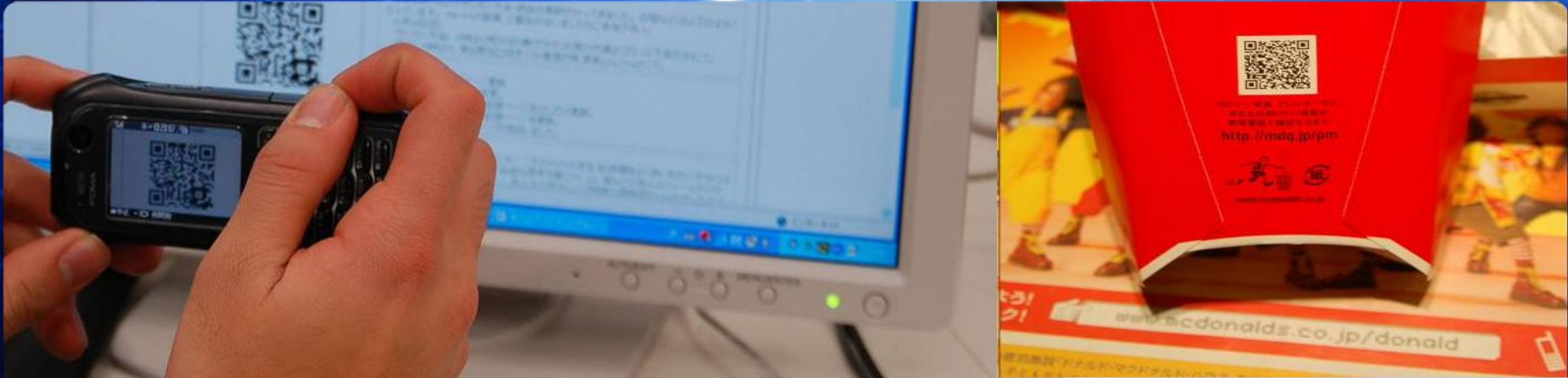




# Ericsson Business **INNOVATION** Forum

Håkan Eriksson  
CTO





# Five technological revolutions in 240 years



The industrial revolution



Steam, coal, iron & railways



Steel & heavy engineering



Automobile, oil & mass production

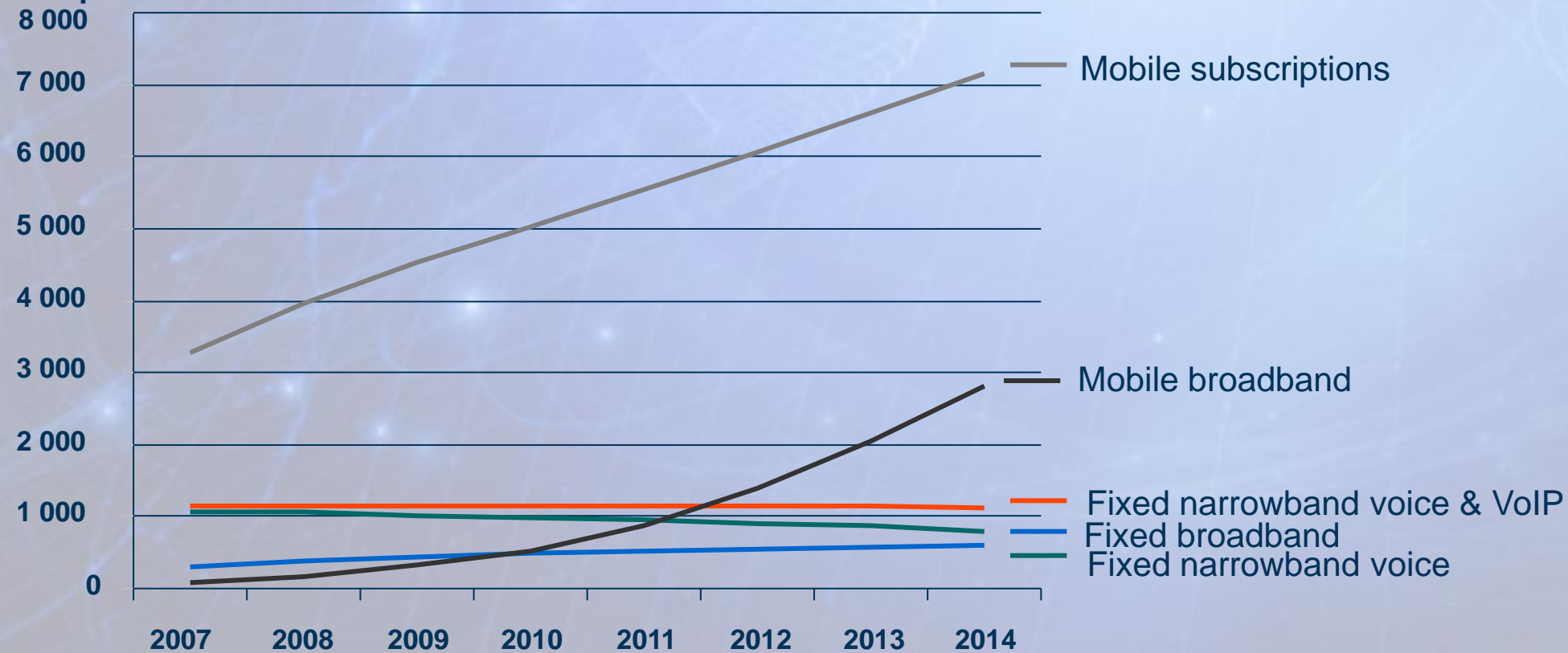


IT & telecommunication

Source: Professor Carlota Perez  
Universities of Cambridge, Tallinn and Sussex

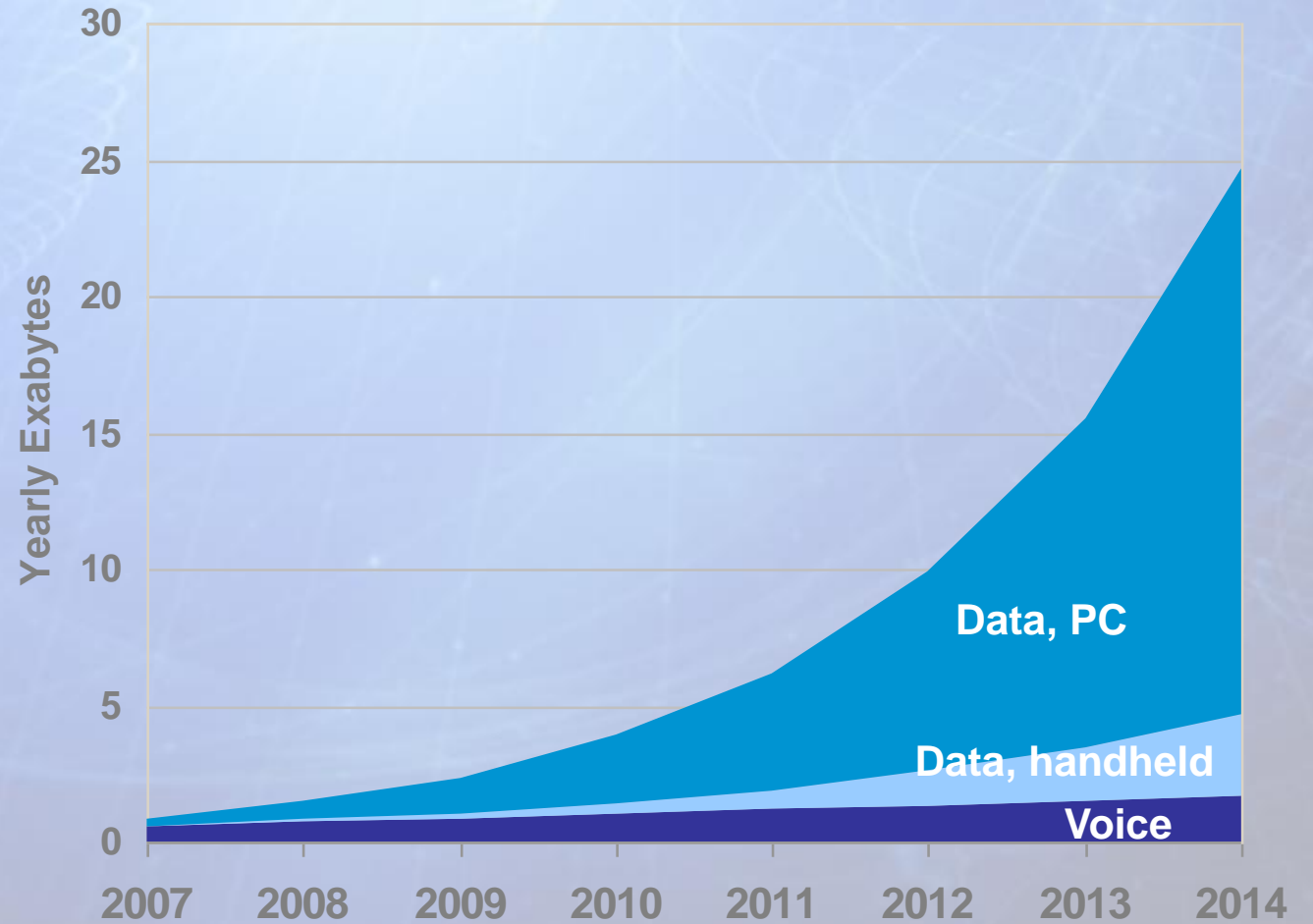
# Fixed and mobile subscriptions

Reported, millions



# Subscriber traffic

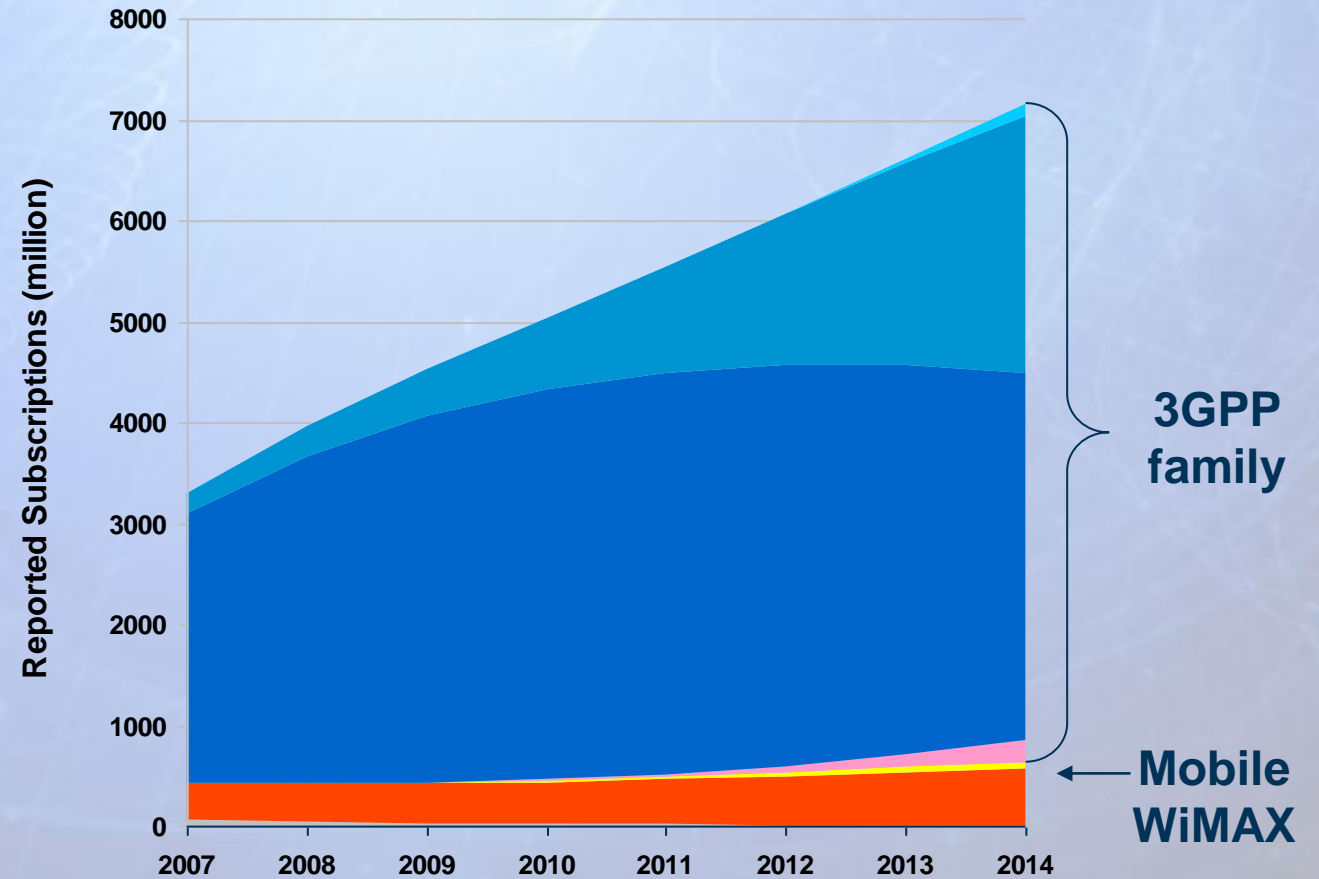
mobile networks



# 3GPP family success

economies of scale

- LTE
- WCDMA/HSPA
- GSM/GPRS/EDGE
- TDSCDMA
- Mobile WiMAX
- CDMA
- Other



*This slide contains forward looking statements*  
Source: Internal Ericsson

*Today*

**Mobile**



**>4B subscribers  
Connecting Individuals**

**Fixed**



**>400M subscribers  
Connecting Household**

*Tomorrow*

**Full Service Broadband**



**50B connections  
Connecting Everything**

# Understanding ICT's carbon footprint

ICT responsible for 2% of global CO2 emissions

How can we reduce our own sector emissions?

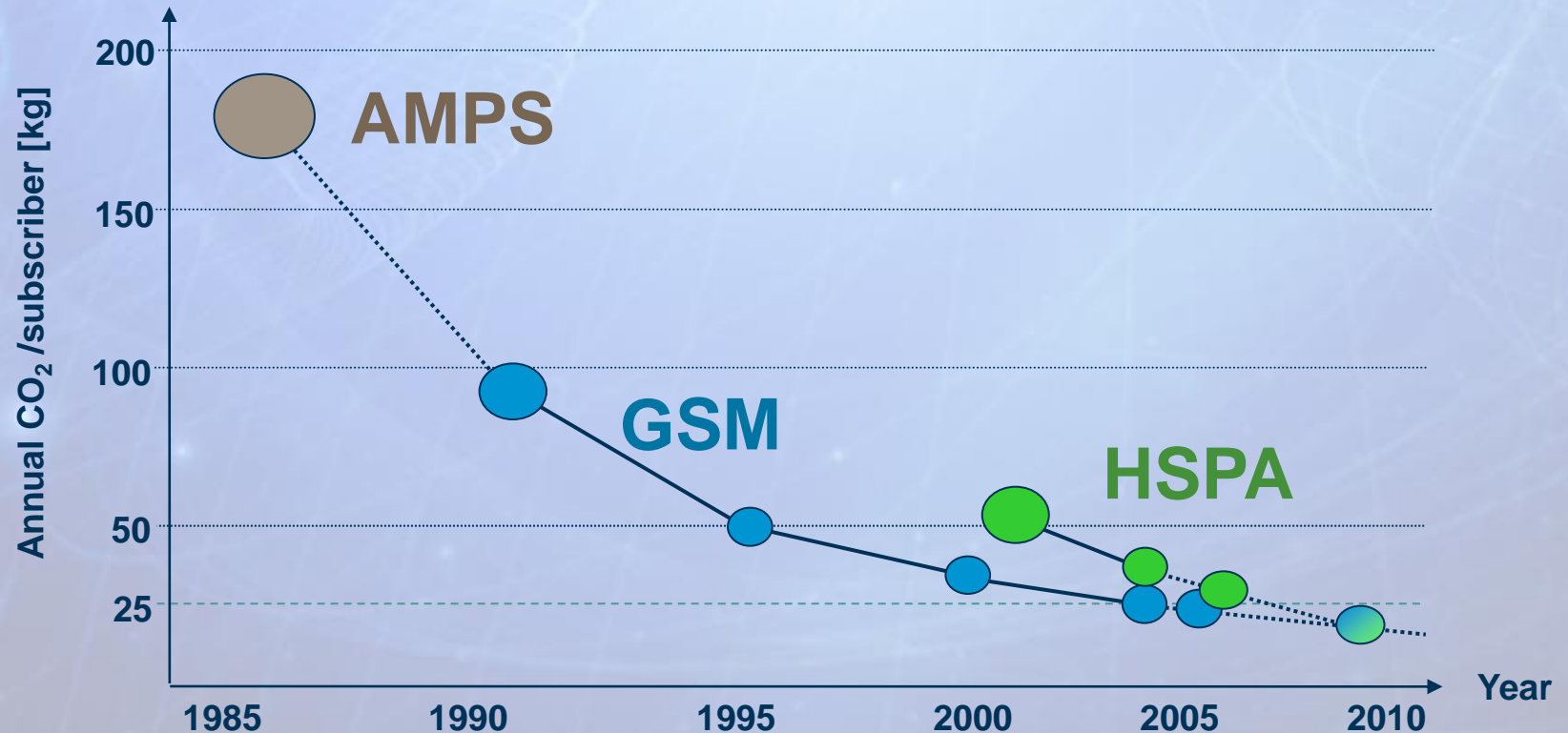
ICT key to reduce the other 98% of CO2 emissions

How can we help reduce other sector emissions?



# CO<sub>2</sub> per subscriber

Ericsson Networks



Mobile Subscription now 23 kg CO<sub>2</sub> per year – Same as driving car for 1h

# ICT contribution potential

- Smart metering
- Energy “Internet”



- Digital society
- Smart business



- Facility management
- Monitor & control

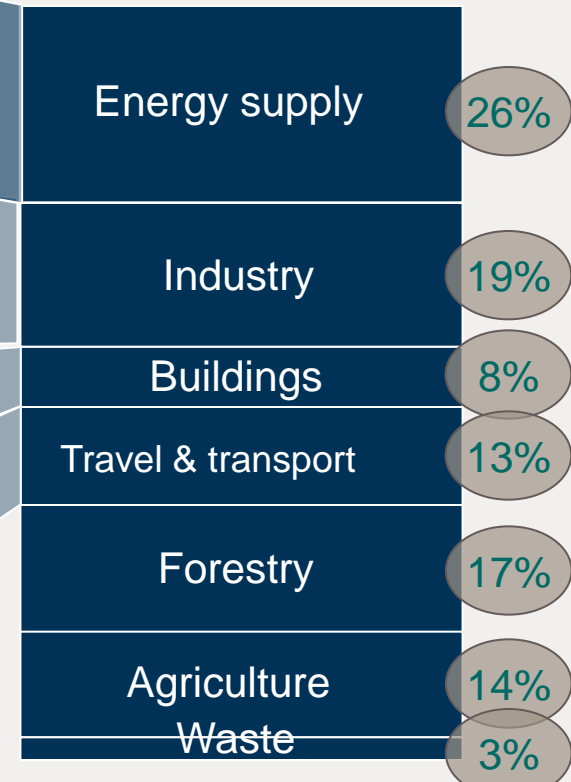


- Virtual presence
- Smart transport



**15-20%**

Global Carbon Emission 2007



49 billion ton

Source: IPCC

# The Millennium Villages



*"Going from diesel to wind and solar can take the Power portion of the Site OPEX from 30% to 1.5%"*



People



Planet



Profit





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TAKING YOU FORWARD