



# THE NETWORK ECONOMY A 25 YEAR (FUTURE) VIEW

JOHN CUNLIFFE

CTO

ERICSSON LTD

# FUTURE MOBILE NETWORKS

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- › Total coverage
- › Shared
- › Even more mobile broadband
- › Faster
- › Simpler



Mobile  
Broadband



- › We estimate 80% of users will access the internet using a mobile device by 2013



# CONNECTING RURAL COMMUNITIES

- › Fast to roll out
- › Network terminations
  - Better antennas
  - Self install
- › Reach
  - 200km demonstrated in Australia
- › Spectrum!

Mobile  
Broadband™



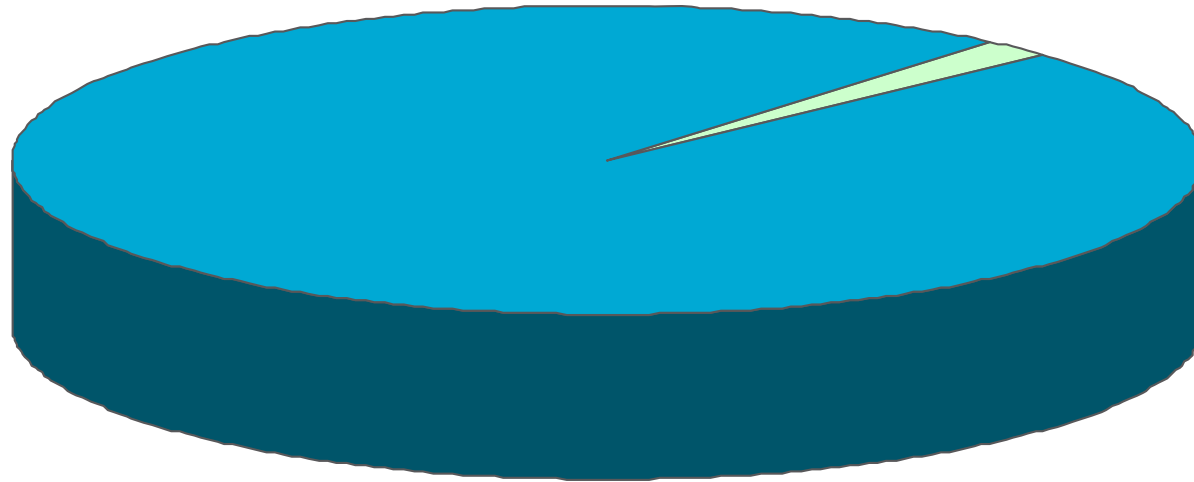
- › 50bn devices connected by 2020
  - M2M, Machine to Machine
  - Needs IPv6

- › M2M is happening today
  - Wireless M2M in Sweden accounts for 17.4% of all mobile subscriptions
    - › Europe average = 2.4%
    - › USA average = 4.3%

- › 50bn devices connected by 2020
  - M2M, Machine to machine
- › ICT for reduced carbon emissions



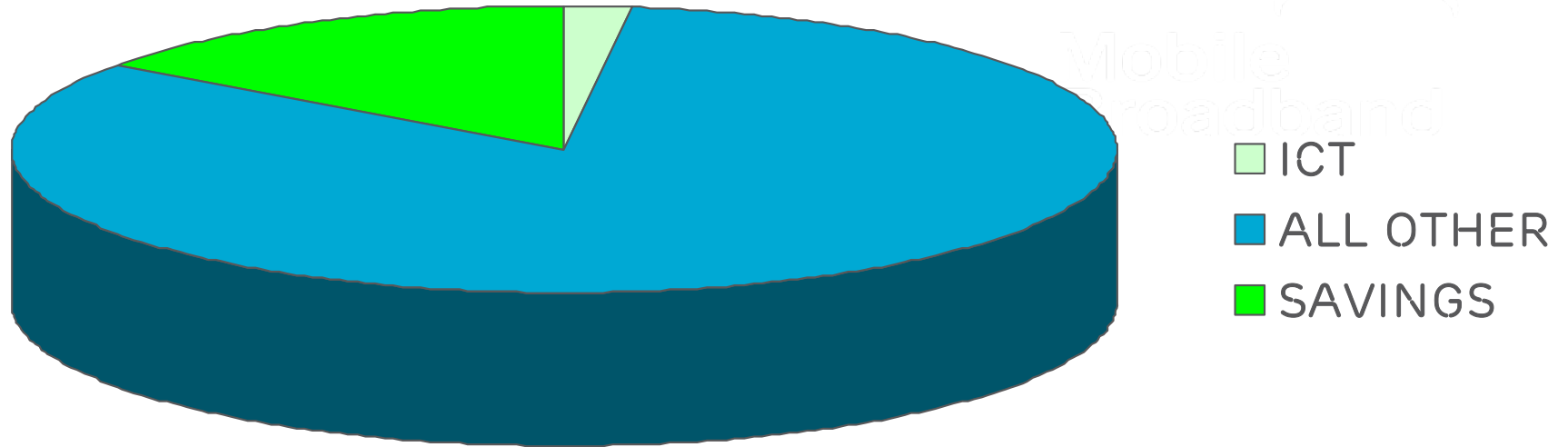
# ICT ADDS 2% OF CARBON EMISSIONS



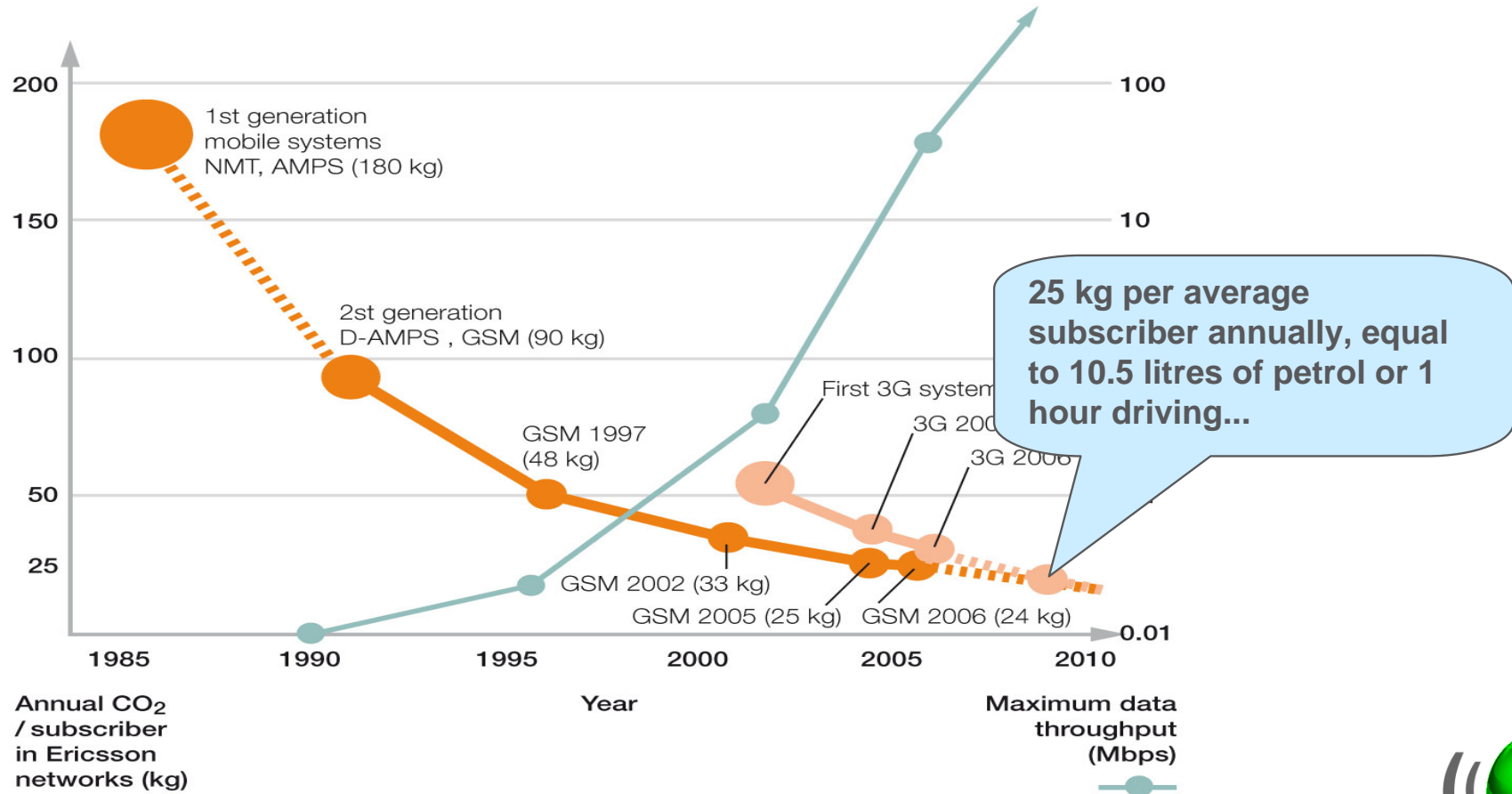
■ ICT  
■ ALL OTHER



# ICT CAN SAVE UP TO 15% OF CARBON EMISSIONS



# CO<sub>2</sub> EMISSION PER MOBILE SUBSCRIBER ON ERICSSON NETWORKS



# LONG TERM EVOLUTION

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- › Simpler, all IP networks
- › Better user experience
  - Higher speeds
  - Lower latency
- › Feels ~10x faster at 150Mbps

# LONG TERM EVOLUTION



- › Simpler, all IP networks
- › Better user experience
  - Higher speeds
  - Lower latency
- › Feels ~10x faster at 150Mbps
- › 1Gbps where spectrum available

[Video link here](#)





**ERICSSON**