THE CONNECTED CITY
ENABLING THE SMART GRID

LINDA EKENER MÄGI
ERICSSON
THE NEXT TECHNO-ECONOMIC PARADIGM SHIFT

The industrial revolution

20-30 years

IT & telecommunication
Automobile, oil & mass production
Steel & heavy engineering

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

INSTALLATION
DEPLOYMENT

Turning point

Supply push
Demand pull

More efficiently solving old problems - winners among old players
Applying paradigm to innovate across society – new winners

20-30 years

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

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ANYTHING THAT BENEFITS FROM A NETWORK CONNECTION WILL BE CONNECTED

Source: Ericsson
ENVIRONMENTAL DRIVERS FOR CONNECTING MORE PEOPLE AND THINGS

INCREMENTAL AND TRANSFORMATIVE CHANGE

CO₂ emissions

Incremental CO₂ reductions

Transformative CO₂ reductions

15% CO₂ savings ~ € 600b. by 2020*

* www.smart2020.org
STOCKHOLM ROYAL SEAPORT PROJECT

2010

A WORLD-CLASS ENVIRONMENTAL URBAN NEIGHBORHOOD

A SHOWCASE FOR ENERGY AND ENVIRONMENTAL SOLUTIONS

10,000 NEW APARTMENTS
30,000 WORKPLACES

2030
DEMAND AND RESPONSE
AN EXAMPLE OF DEMAND MANAGEMENT IN TELECOMS

MAKES PREVIOUSLY UNTHINKABLE BUSINESS MODELS POSSIBLE
THANK YOU!

FOR MORE INFO SEE WWW.ERICSSON.COM\SUSTAINABILITY