

# Smart Sustainable Cities



Ericsson effort on CR & Sustainability

# Sustainability & Corporate Responsibility



Company  
purpose:  
'Innovating  
Technology for  
Good'

## Wanted position

Be a responsible and relevant driver of positive change in society

## Global goals

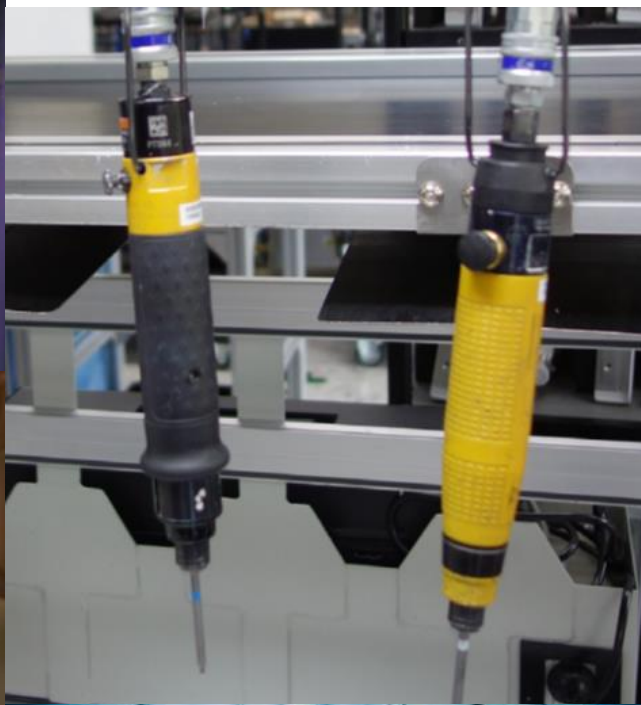
We use the Sustainable Development Goals as the framework for measuring our impact on society

## Report annually

Each year we report S&CR\* results, progress and initiatives relevant to our stakeholders

\* Sustainability & Corporate Responsibility







# Energy, environment & climate action



35%

Energy saving in radio portfolio versus legacy equipment

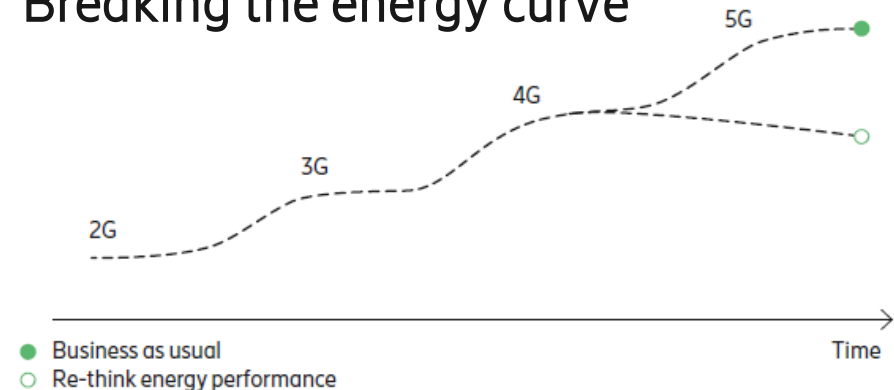
10x

5G more energy efficient than 4G

## More highlights:

- ICT remains under 2% of global CO2
- 14% additional reduction of CO2e from our operations in 2017, close to 50% over past six years
- Recycled over 94% of materials from electronics
- Climate targets approved by Science Based Target Initiative

## Breaking the energy curve



# Urban transport & traffic control



## City of Dallas, Texas - USA



### The challenge

Transforming data into real-time actions and coordinating multi-agency response to traffic incidents.

### The solution

Ericsson IoT platform and solutions with real-time analysis, traffic plans across agencies and support of third party applications.

### The result

- The City of Dallas is the first to launch a regionally specified system that enables agencies to interwork within the municipality and between municipalities.
- New services for the citizens like coordinated multiagency responses to incidents, and more.

## Netherlands



### The challenge

Traffic congestion in the Netherlands is among the worst in Europe, and with no space to expand the road infrastructure

### The solution

Ericsson Connected Urban Transport, using cloud to connect data sources (e.g. traffic lights) with smart services

### The result

- First use cases in June 2017 & platform expected to be self-sustaining by 2020
- 25% of all traffic lights in the Netherlands and 5,500 intersections connected
- 1% fewer cars in the busiest spots during peak hours equals 10% less congestion

# Diversity of challenges



URBAN PLANNING



JOBS



TRANSPORTATION



ENERGY



WASTE



EDUCATION



PUBLIC SAFETY



POLLUTION



HEALTH



WATER



GREEN ASPECTS



FOOD AND AGRICULTURE



URBAN DIVIDES



HOUSING



LONG FOOD MILE



