

# IOT AND SDG #9

Technology for Good

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**ERICSSON**

## **CUSTOMER**

Leading ICT transformation  
partner



## **EMPLOYEES**

Attract, develop and  
retain best talent

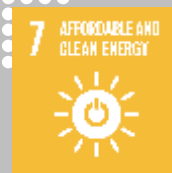
## **SHAREHOLDER**

Shareholder  
value creator

## **SOCIETY**

Responsible and relevant driver  
of positive change

# ERICSSON INITIATIVES SUPPORT THE GLOBAL GOALS





# IOT WILL HELP ACCELERATE UN SDG'S





**ERICSSON**





# THE ENERGY-POSITIVE CAR

## THE NETHERLANDS



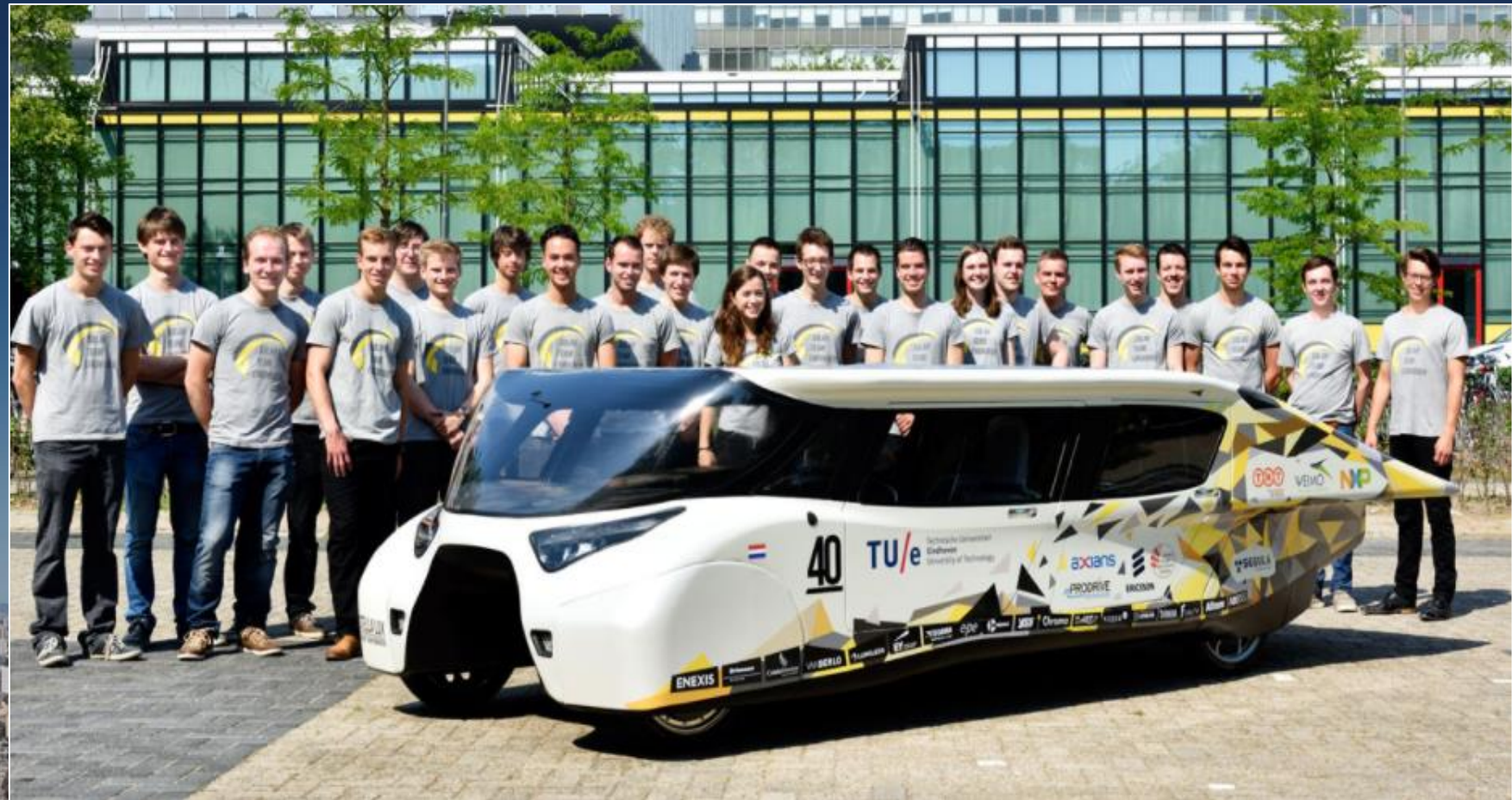
9 INDUSTRY INNOVATION  
AND INFRASTRUCTURE



### Solar Car “Stella Lux” by Solar Team Eindhoven

Solar Navigator

Returning energy  
surplus to the grid



# CONNECTED TRAFFIC

## THE NETHERLANDS



Program “Optimizing Use” (Beter Benutten), project Talking Traffic  
Ministry of Infrastructure and the Environment



- Connected traffic lights
- Recommended speed
  - Time-to-green





# IOT FOR WATER/AIR QUALITY THE NETHERLANDS



Sensors to measure KPI's:

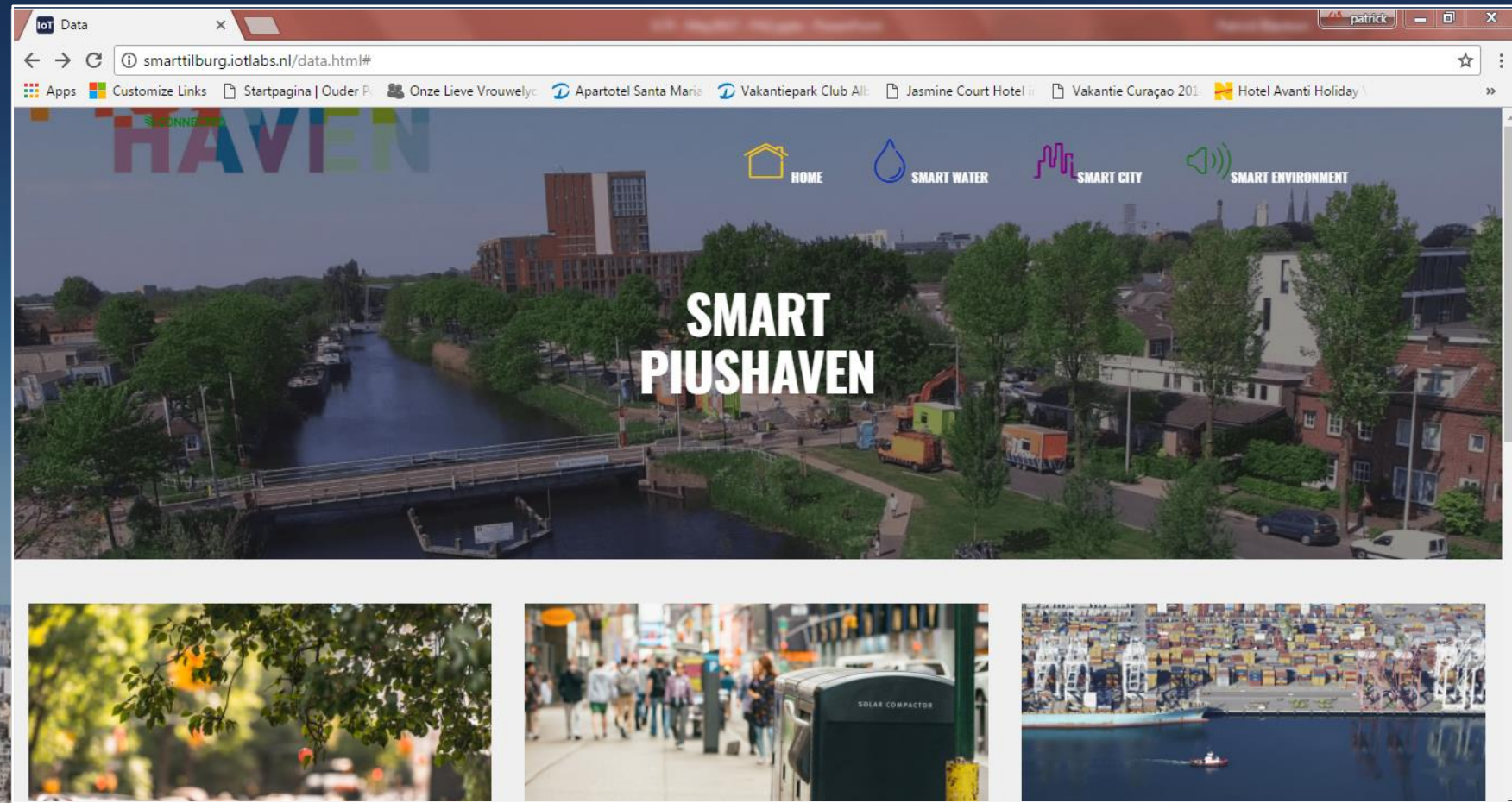
- Water:

- Water Temperature
- PH
- Conductivity/Turbidity

- Air:

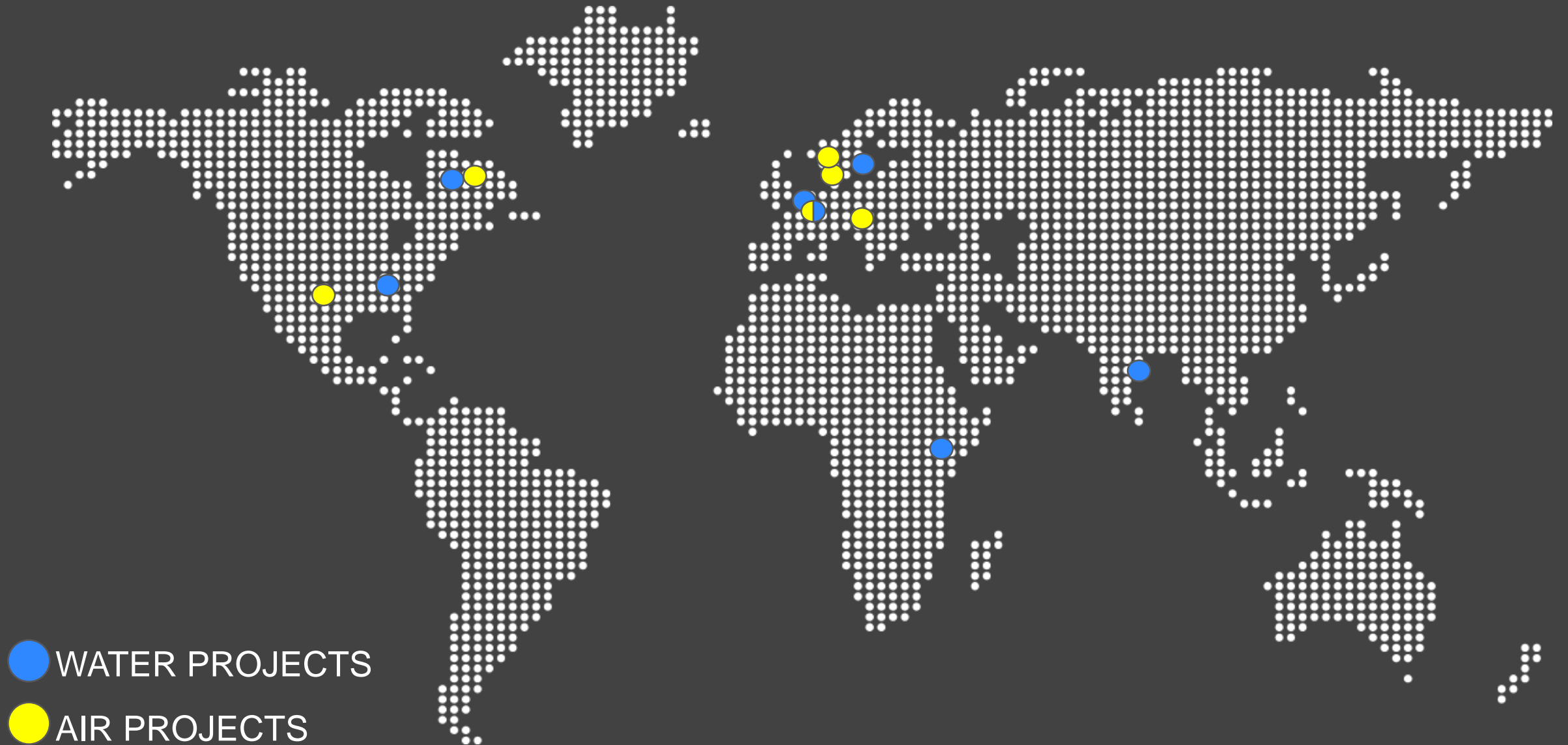
- Temperature, Humidity
- Pressure
- Dust / Micro-Particles
- CO2
- NO2

Real-time feedback to  
citizens via website





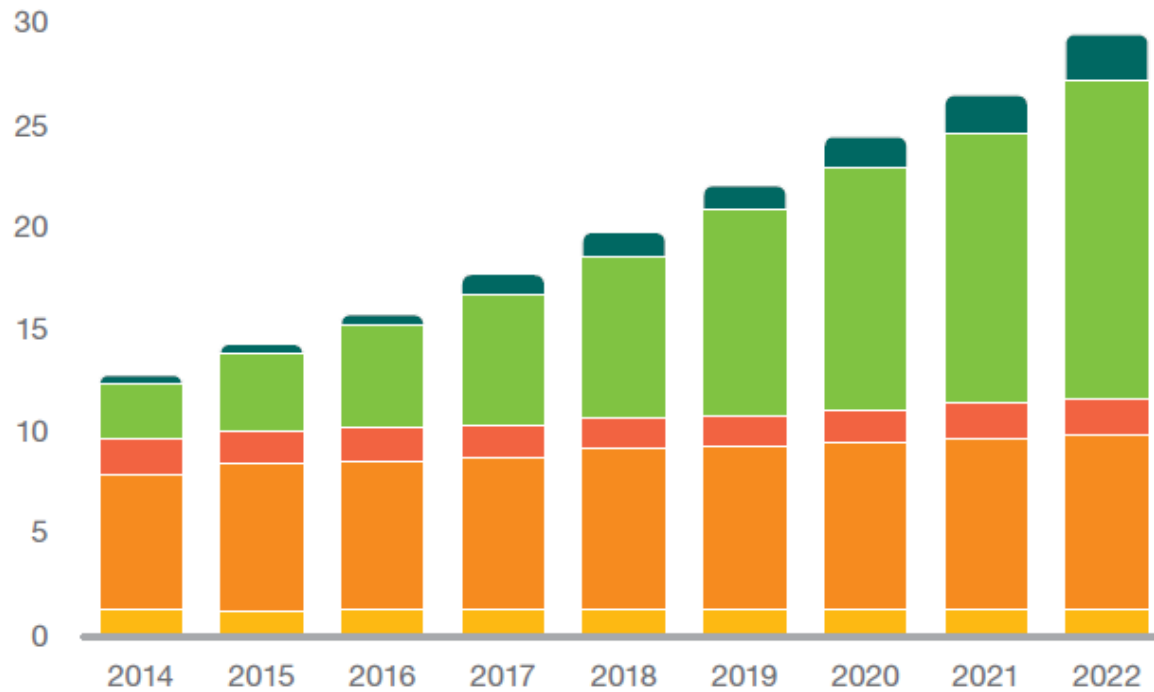
# WATER & AIR QUALITY ENGAGEMENTS








# CONNECTED DEVICES FORECAST



Connected devices (billions)



	2016	2022	CAGR
 Wide-area IoT	0.4	2.1	30%
 Short-range IoT	5.2	16	20%
 PC/laptop/tablet	1.6	1.7	0%
 Mobile phones	7.3	8.6	3%
 Fixed phones	1.4	1.3	0%
	16 billion	29 billion	10%

<sup>1</sup> In our forecast a connected device is a physical object that has an IP stack, enabling two-way communication over a network interface. Traditional landline phones are included for legacy reasons

<sup>2</sup> Connected devices connecting to a wide-area network through a common gateway

Source: Ericsson mobility report ([www.ericsson.com](http://www.ericsson.com))



# READ THE ERICSSON SUSTAINABILITY REPORT



Full report and more:

[www.ericsson.com/sustainability](http://www.ericsson.com/sustainability)

Read our blog and engage with us:



IOT accelerator: <https://www.youtube.com/watch?v=uhUpyZMGpZY&t=4s>

Talking traffic: <https://youtu.be/o0ID5PEcB-Y>



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