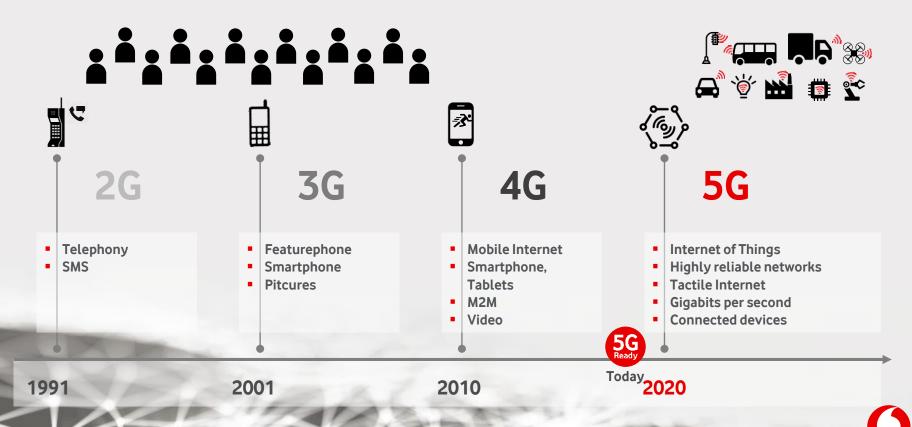


ROBERT TILCH

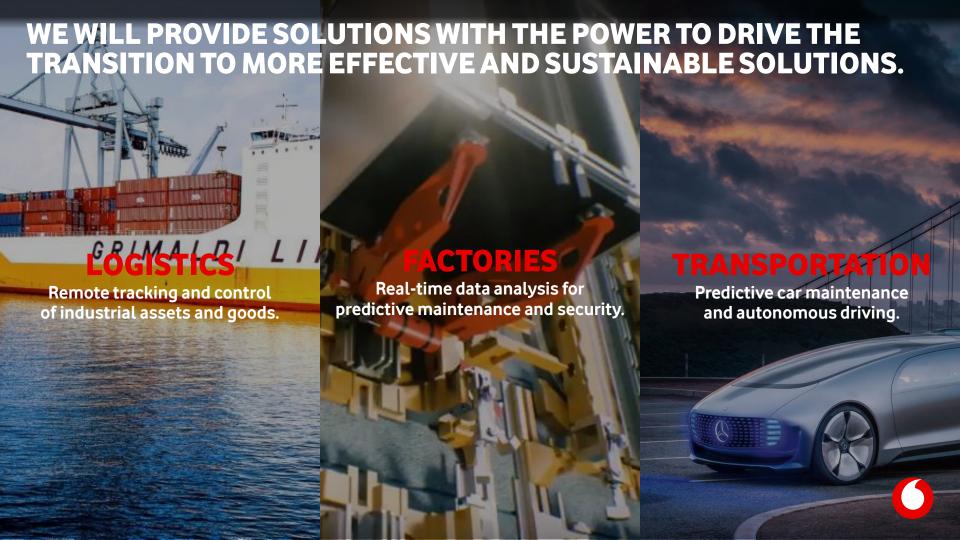
HEAD OF INNOVATION



EVERY DECADE OPENS UP NEW POSSIBILITIES FOR US. WITH 5G, WE ARE STARTING THE ERA OF MACHINE COMMUNICATION







AREAS OF INNOVATION - A VERTICALIZED APPROACH

Vodafone engages in innovation for various reasons:

To close gaps in the portfolio with new solutions, to charge offers with innovation and USPs & to expand the value chain to applications and services.



SMART CITY

By utilizing modern technologies and our connectivity, we aim to make cities smarter and thereby more sustainable.



SMART AGRICULTURE

We enable modern information and communication technologies to be implemented into agriculture.



INDUSTRY 4.0

By providing connectivity to sensor systems we expedite the digitalization of production.



DRONES

With drones/dronedetection as a service we offer support to our clients in exploring new ways of enhancing their business.



INNOVATION WORK-SHOPS & PROTOTYPING

With our partner IOX
Lab we take rapid
prototyping to the next
level.

WITH MORE TO COME...





VODAFONE UPLIFT

Developed to Shape the Internet of Things



Globally

1.400

IoT Professionals

500 Networks

With one Global Sim

Vodafone

#1

For Innovation, Speed & Power







DISTRIBUTION PARTNERSHIPS



MARKETING PARTNERSHIPS



TECHNOLOGY PARTNERSHIPS



SMART CITY SYSTEM SMART PARKING SOLUTION



Sensor Portal Portal

unu E-SCOOTER ENABLED BY VODAFONE IOT



Location/Battery Status



Digital Key



Navigation



Theft Protection



Key Sharing

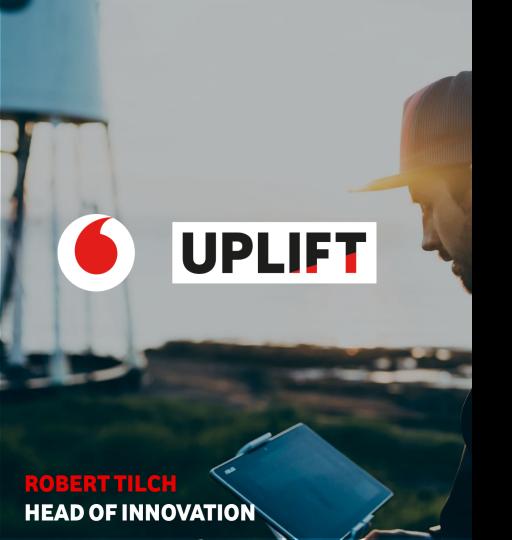
IOX LAB RAPID IOT PROTOTYPING

IoT products in 30 days - idea to the prototype.



Concept development to the proof of concept up to the go-to-market strategy.







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