



**BUSINESS  
FINLAND**

# **Finland: a Global Forerunner of 5G with the 5G Test Network Finland**

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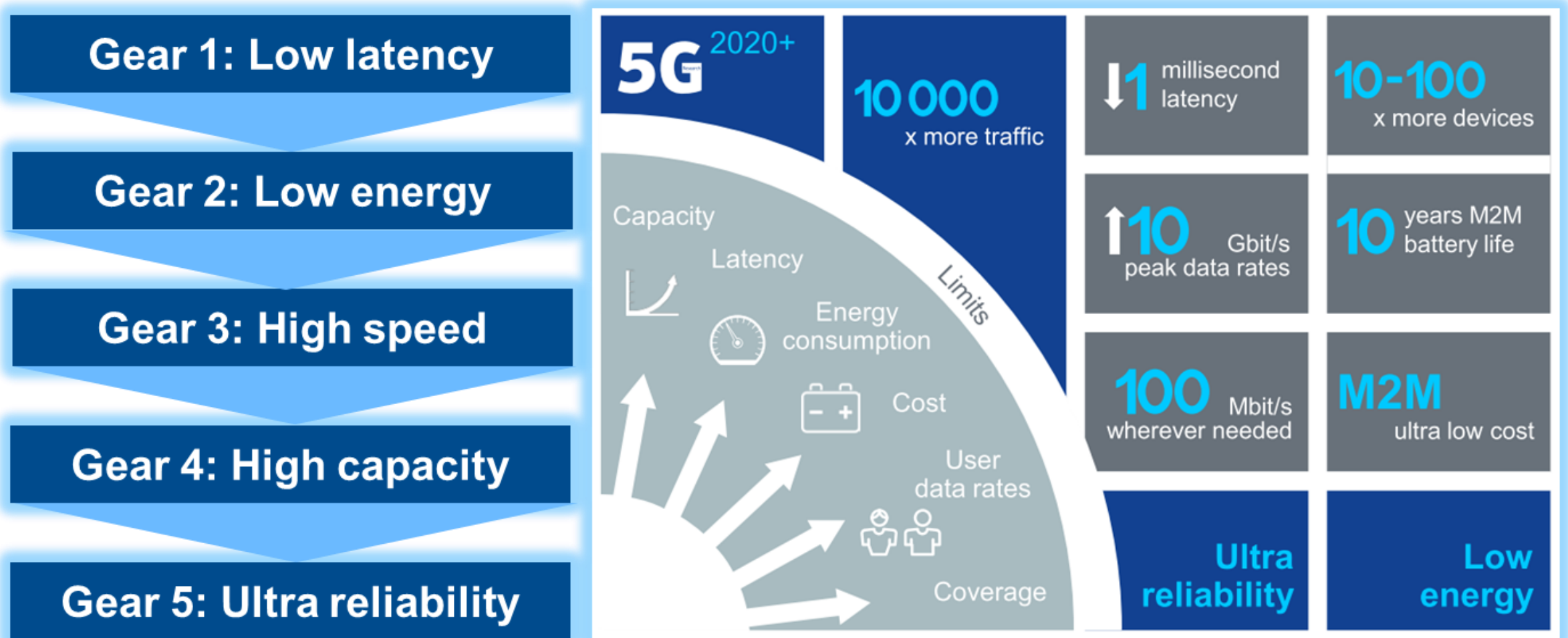


# **FINLAND DEFINING THE FUTURE TOGETHER WITH YOU**

**We will make the world safe, connected, intelligent and convenient with new digital solutions, business models and ways of working. We will transform industries to be competitive in the global markets and the society to be sustainable as well as functional for its citizens.**

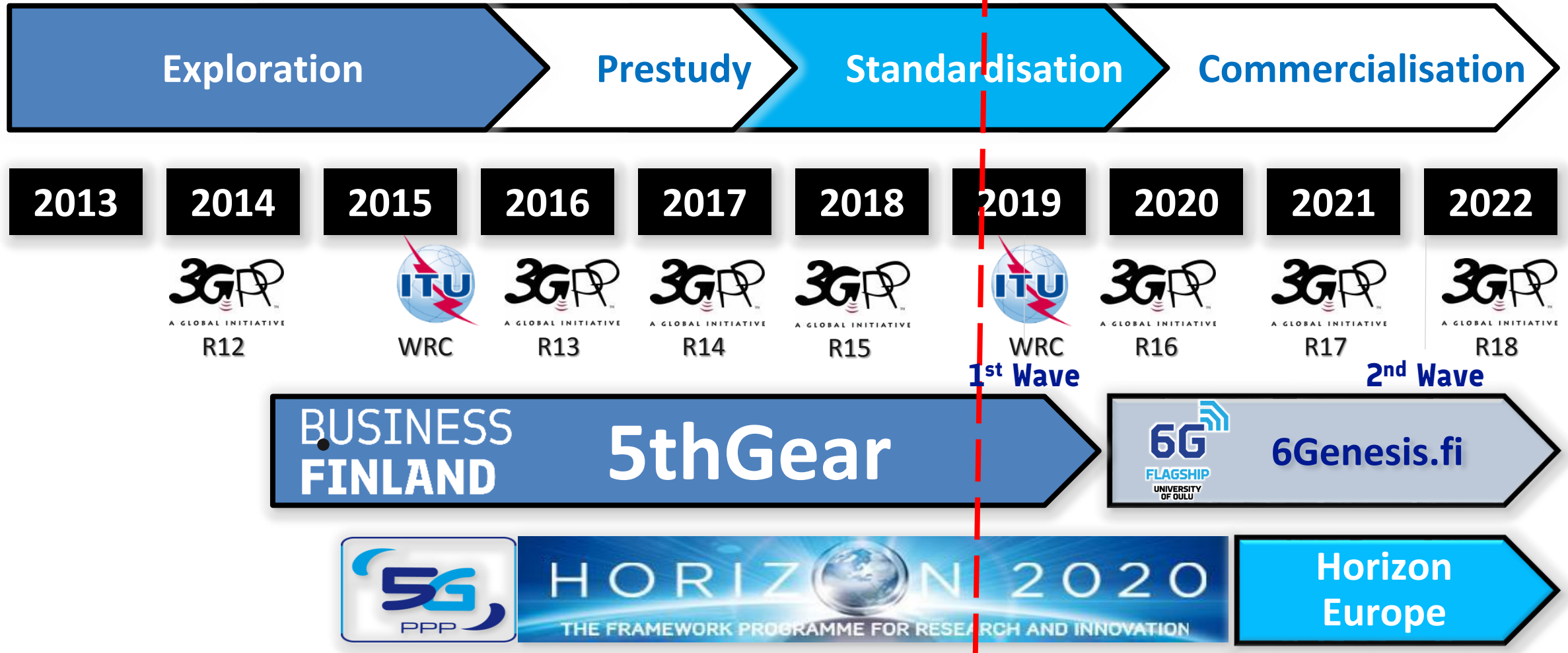
**We will thrive for a fair and trusted digital society.**

# 5G AND IOT ENABLE NEW DIGITAL SOLUTIONS





# AFTER LONG RESEARCH THE 1<sup>ST</sup> WAVE OF 5G IS HERE



# OPEN 5G TESTBED



Towards



and beyond:



## 5GTN+

5GTN+ provides a scalable environment for developing and testing of key 5G technology components and related support functions as well as future business models and services.

## CORNET

CORNET develops a powerful test platform where the Quality of Service of critical communications in commercial radio networks as well as the operability of movable temporary radio networks can be tested in a real-life environment.

## TAKE-5

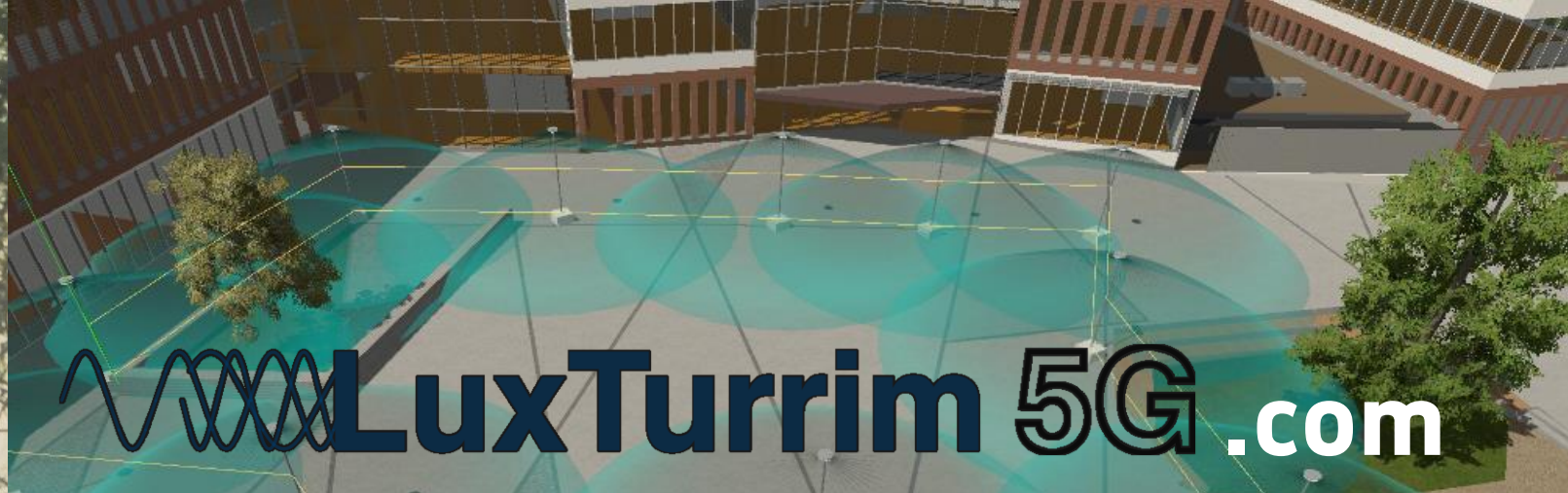
TAKE-5 targets the creation of a multidisciplinary and open research platform for investigation and experimental evaluation of innovative ideas in networking and services of 5G.

## WIVE

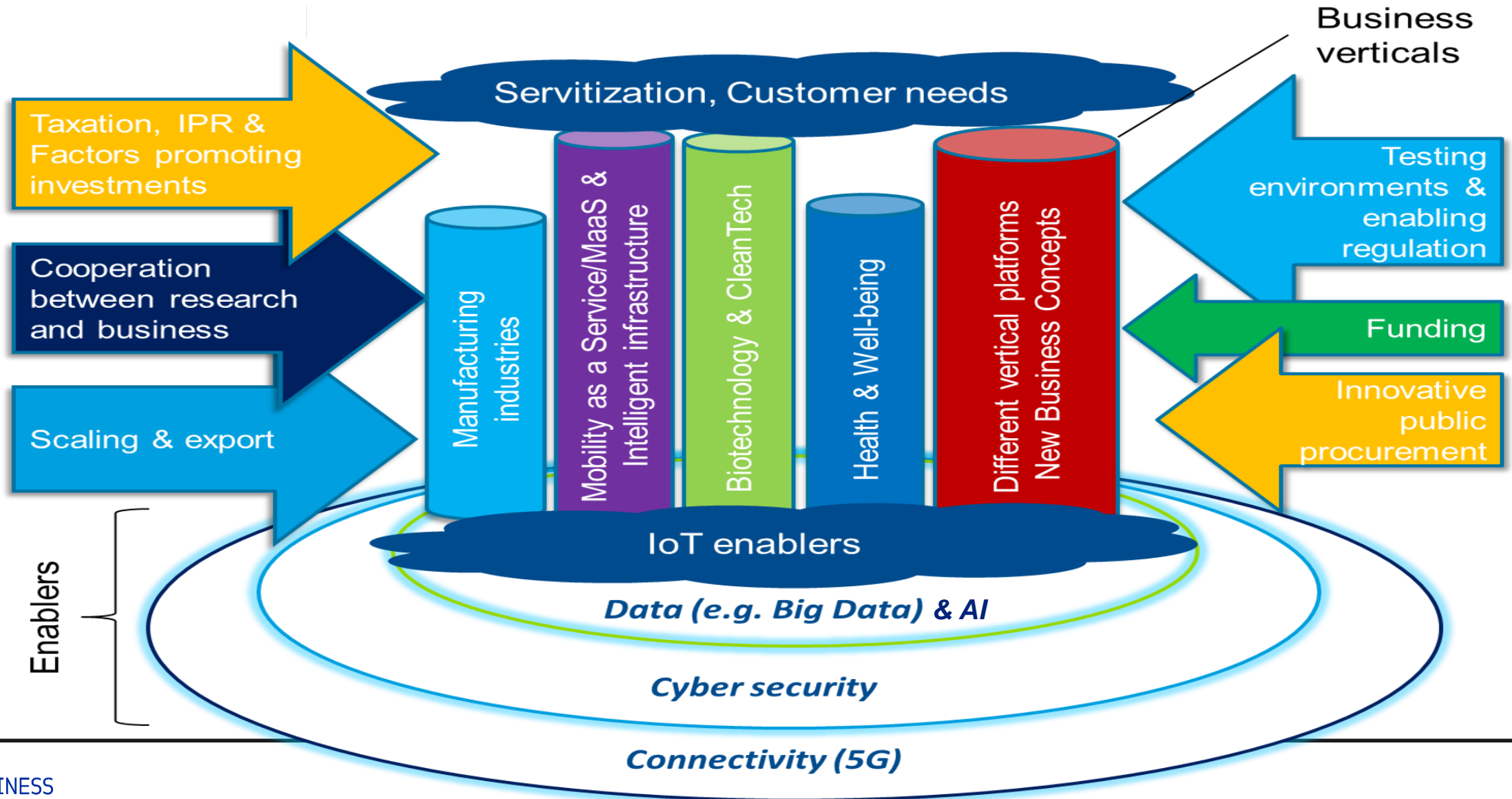
WIVE will develop future radio technology and study its application for verticals by setting up use cases, scenarios and requirements for the technology as well as via testing.

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# DIGITAL INNOVATION ENVIRONMENT





**5G, IOT & AI  
WILL BE  
(NEEDED)  
EVERYWHERE  
– DIGITAL  
INFRA-  
STRUCTURE  
IS THE NEW  
CRITICAL  
INFRA-  
STRUCTURE!**

Automation  
robotics

Electricity  
grid

Water  
supply

Smart  
homes

Smart clothing

Smart health care

Entertainment

Traffic systems

Intelligent  
Traffic

Transport of  
people and goods

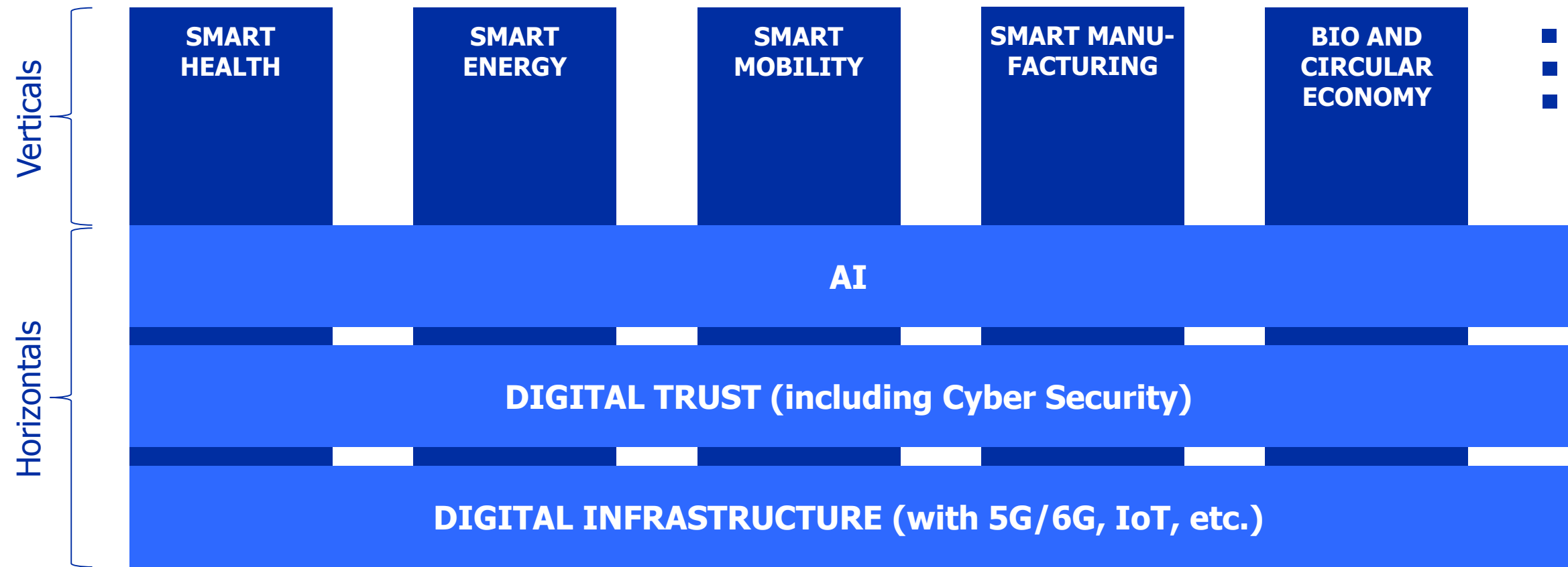
Safety and surveillance

Satellites

Pictures source: TrafiCom



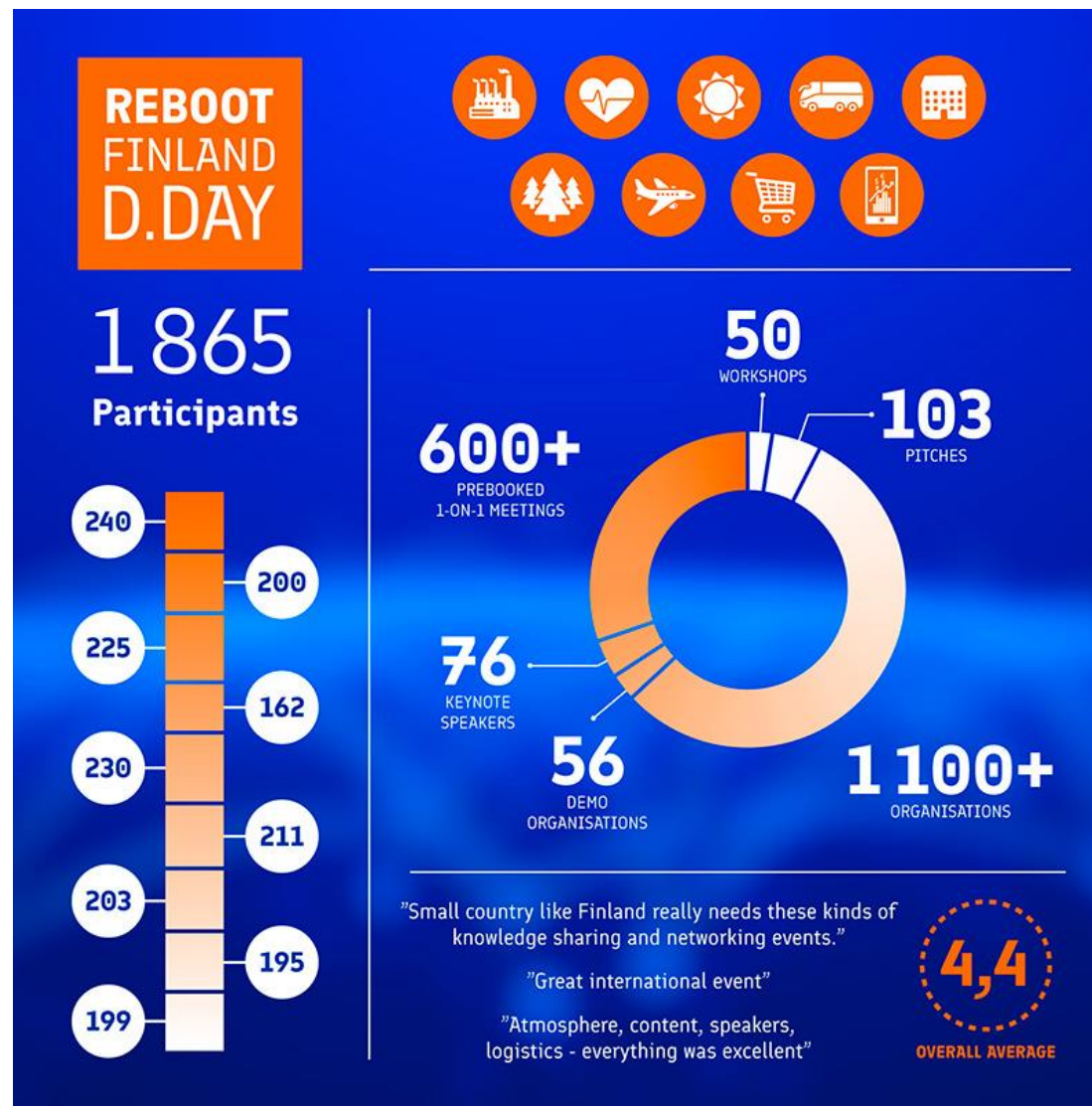
# Business Finland invests in 5 years 500 M€ into digital transformation (1 Bn€ with private funding)



# >reboot FINLAND

MARCH-DECEMBER 2017  
DDAY.FI

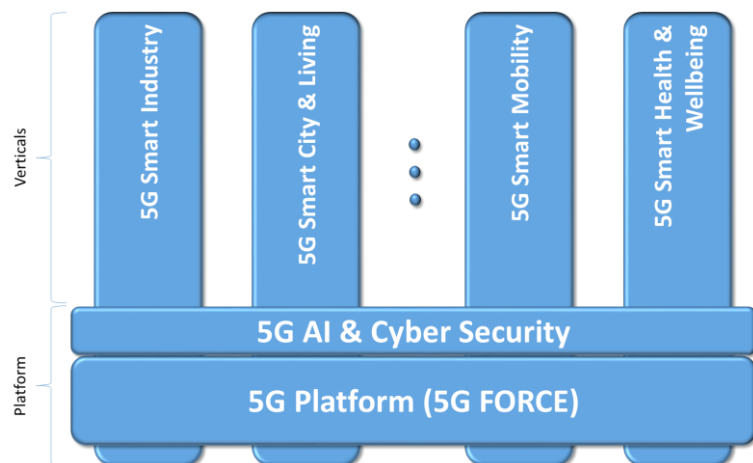
*Suomi*  
*Finland*  
100





# 5G TNF

## VERTICALS IN FOCUS



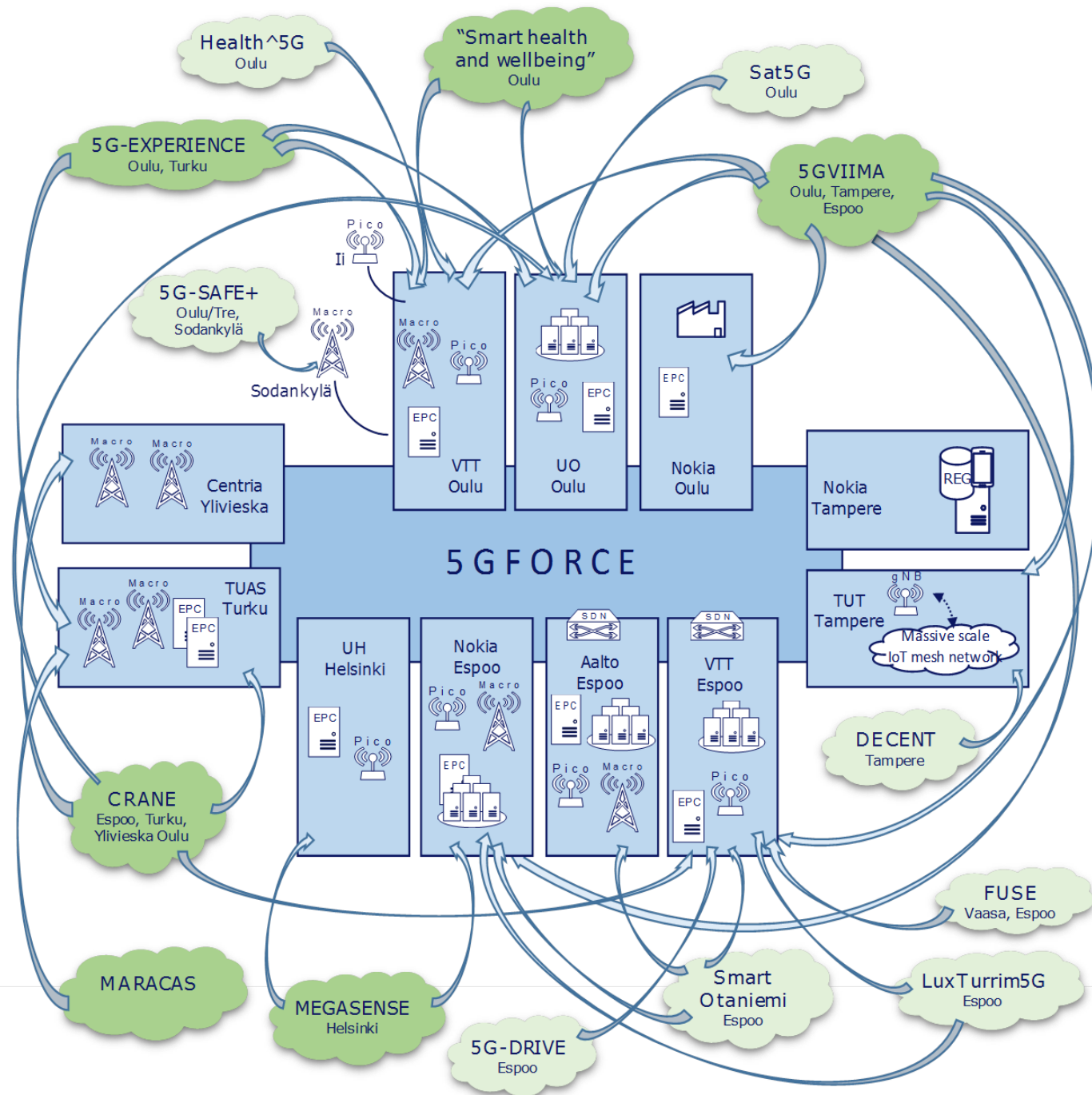
## IN COLLABORATION

**6G**

BUSINESS  
FINLAND

FLAGSHIP  
UNIVERSITY  
OF OULU

ACADEMY OF FINLAND





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