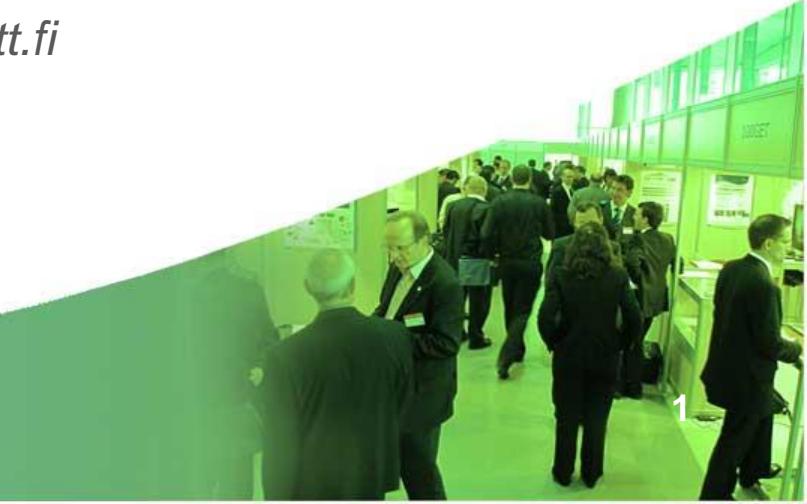


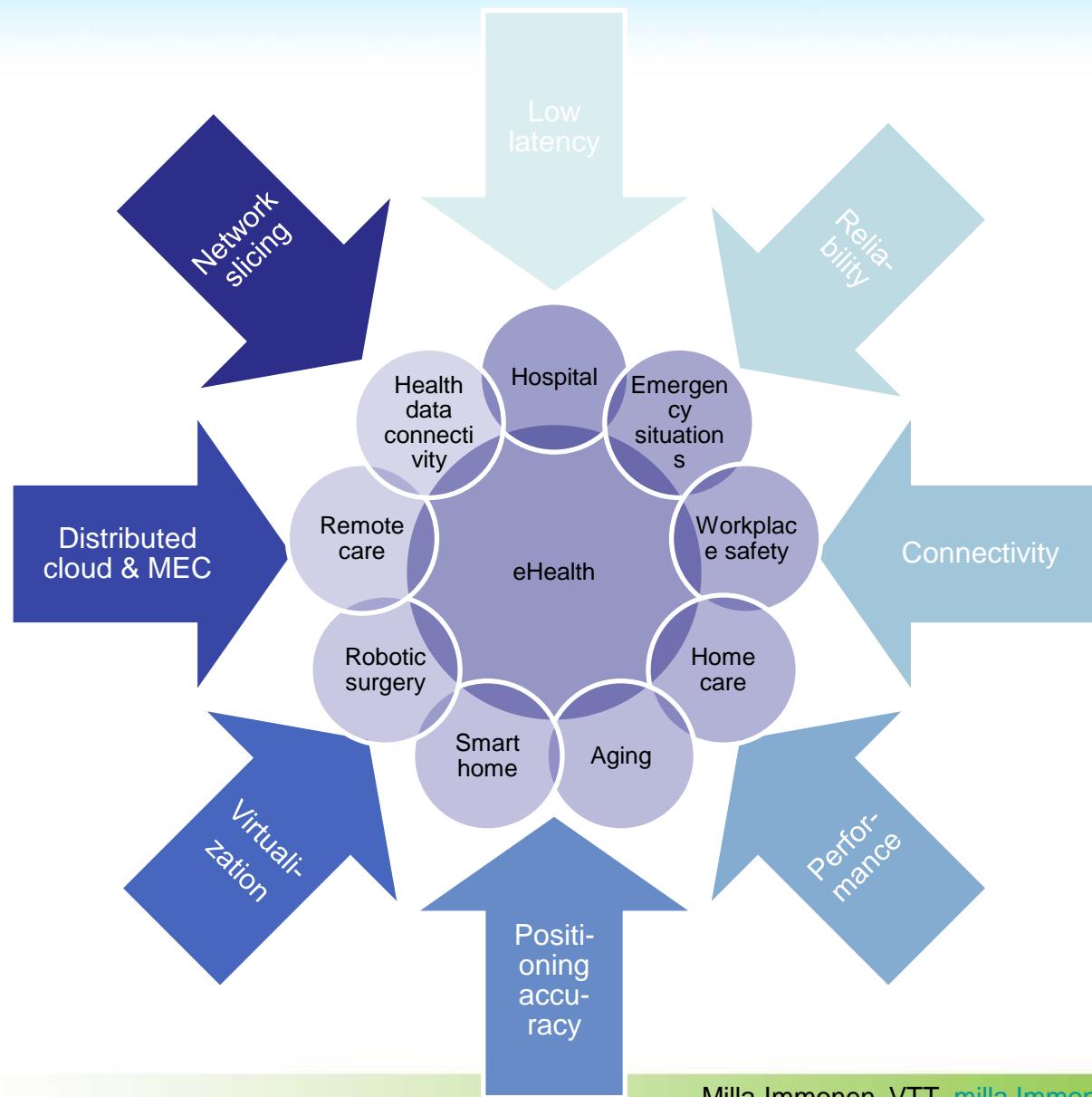
Celtic-Plus Proposers Day  
21<sup>st</sup> February 2017, Berlin

## Health Use cases Enabled by 5G

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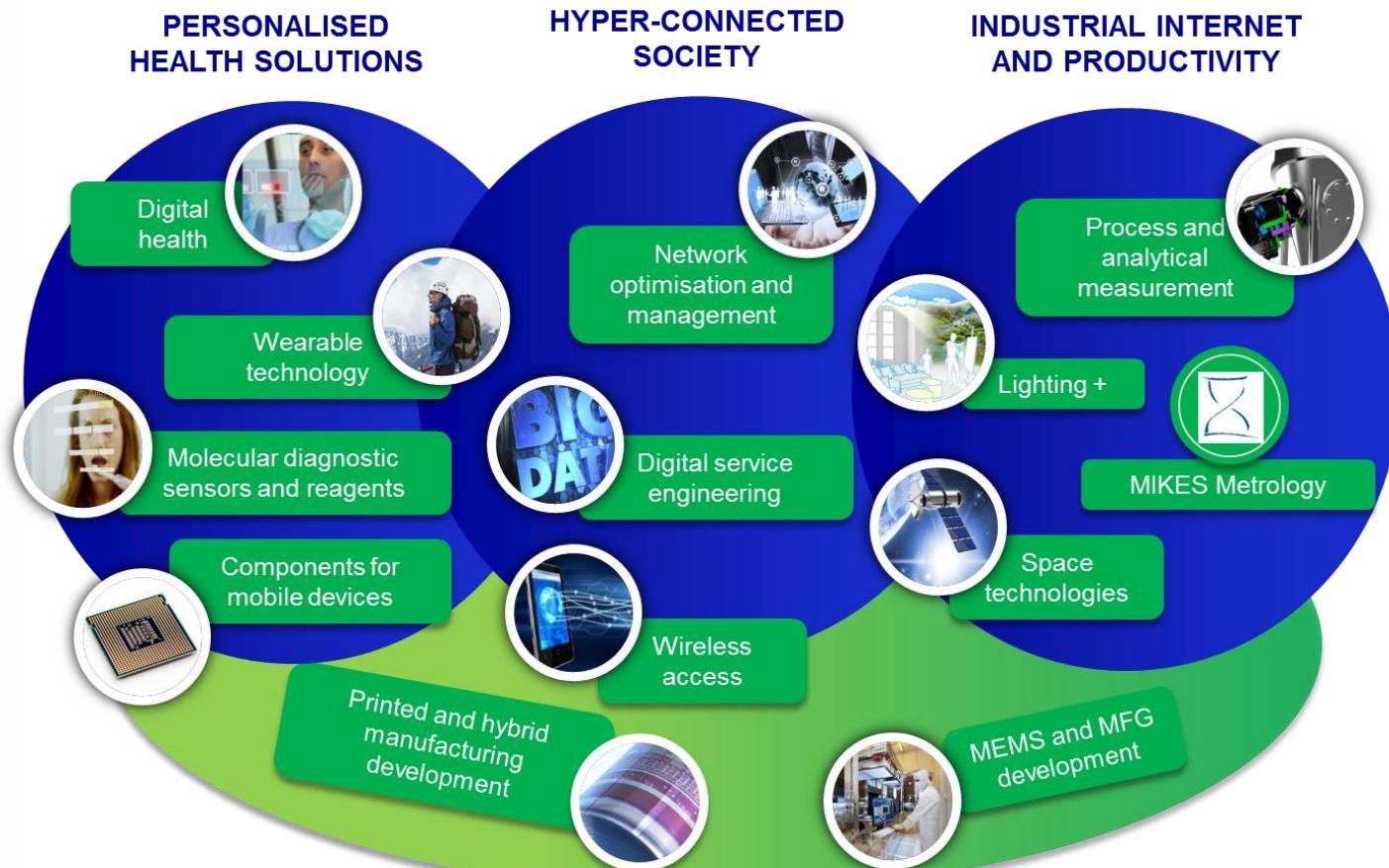


# 5G as eHealth Enabler

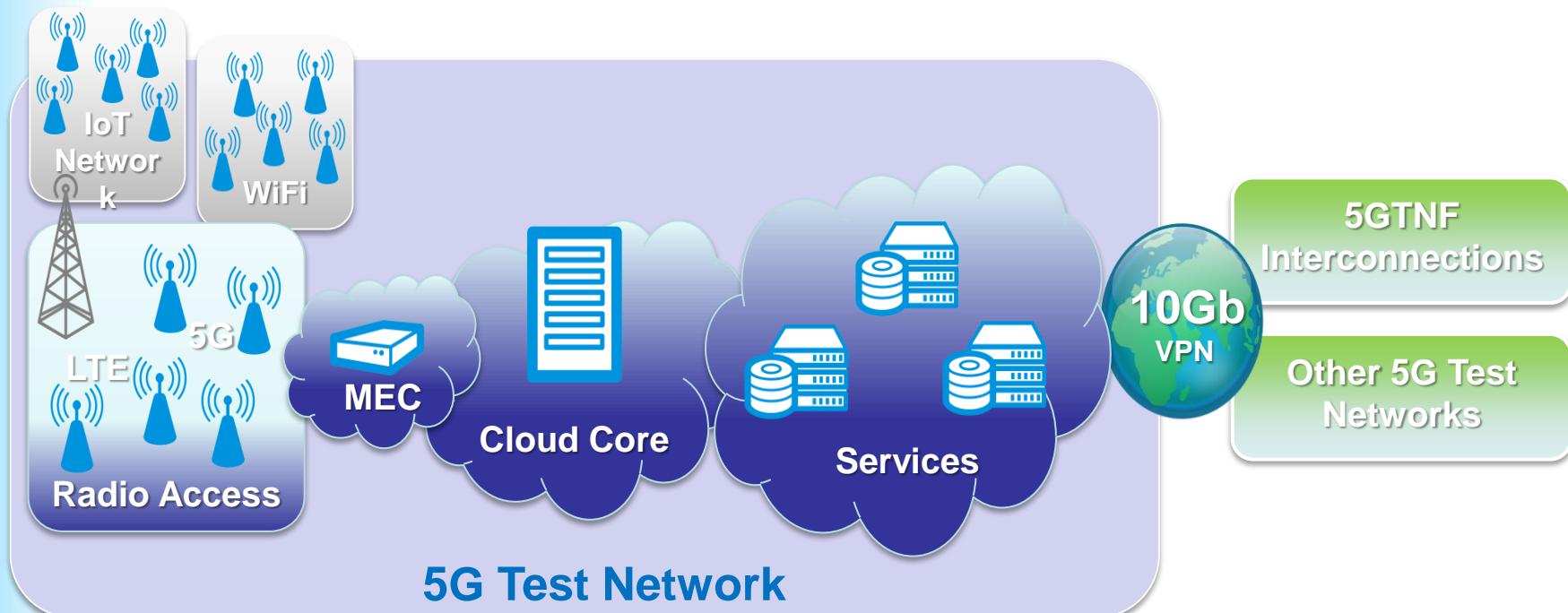


# VTT Technical Research Centre of Finland Ltd

Leading research and technology company in the Nordic countries with 2600 employees.



# VTT's 5G Test Network



<http://5gtn.fi/>

# Proposal Introduction

Identify eHealth use case(s) that benefit from 5G capabilities  
Refine the idea with the consortium

Project:

- Industry driven
- Vertical 5G service development
- 5G network architecture and solution development to support the eHealth use cases
- Health care professionals and end users involved
- Piloting and testing in real 5G test network and with real users

VTT:s own knowledge from two research teams:

Network Resource Management and Control



5G test network

Data transmission & aggregation

Distributed cloud & MEC

Network and service virtualization

Digital Health

Health sensor data analysis

Health concept development

Persuasive systems

Health and movement data analysis

Health records

# Proposal Introduction

## Outcome:

- Will be refined with the consortium

## Impacts:

- Less healthcare costs
- Better and more effective healthcare
- Equal health services for all
- Better quality of life
- New business opportunities for companies
- Effective utilisation of 5G capabilities



# We are searching for partners

- Telecom infrastructure providers
- Telecom operators
- Research partners on 5G and health
- Healthcare professionals
- End user organisations
- Health sensor providers



# Contact Info

For more information and for interest to participate  
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