

## **5GTNF result seminar – DAY2 (28.01.2021)**

**Theme**                      **5G vertical trials/demo videos**  
**Time**                        **At 13-15**

**13.00 – 13.05**    **Opening, 5GTNF intro** (Kyösti Rautiola, VTT)

**13.05 – 15.00**    **Vertical trials/demo videos**

- 5G Vertical Integrated Industry for Automation (5G-VIIMA, Olli Liinamaa, Nokia, Oulu University, CWC)
- Critical Communication Solutions for Authorities and Remote Businesses (PRIORITY, Harri Posti, Oulu University, CWC)
- Virtual Presence in Moving Objects Through 5G (PriMO-5G, Edward Mutafungwa, Aalto)
- 5G for Co-operative & Connected Automated Mobility on X-border Corridors (5G-MOBIX, Giancarlo Pastor Figueroa and Edward Mutafungwa, Aalto)
- Scalable Real-time 5G Air pollution Sensing as a Service for Megacities (MEGASENSE, Sasu Tarkoma, Helsinki University)
- 5G Enabled Road Safety Services (5G SAFE+, Tiia Ojanperä, VTT)
- 5G-DRIVE eMBB and V2X trials (5G-DRIVE, Tao Chen, VTT)
- 5G Momentum: 5G Trials in Finland (Marjo Uusi-Pantti, Traficom)

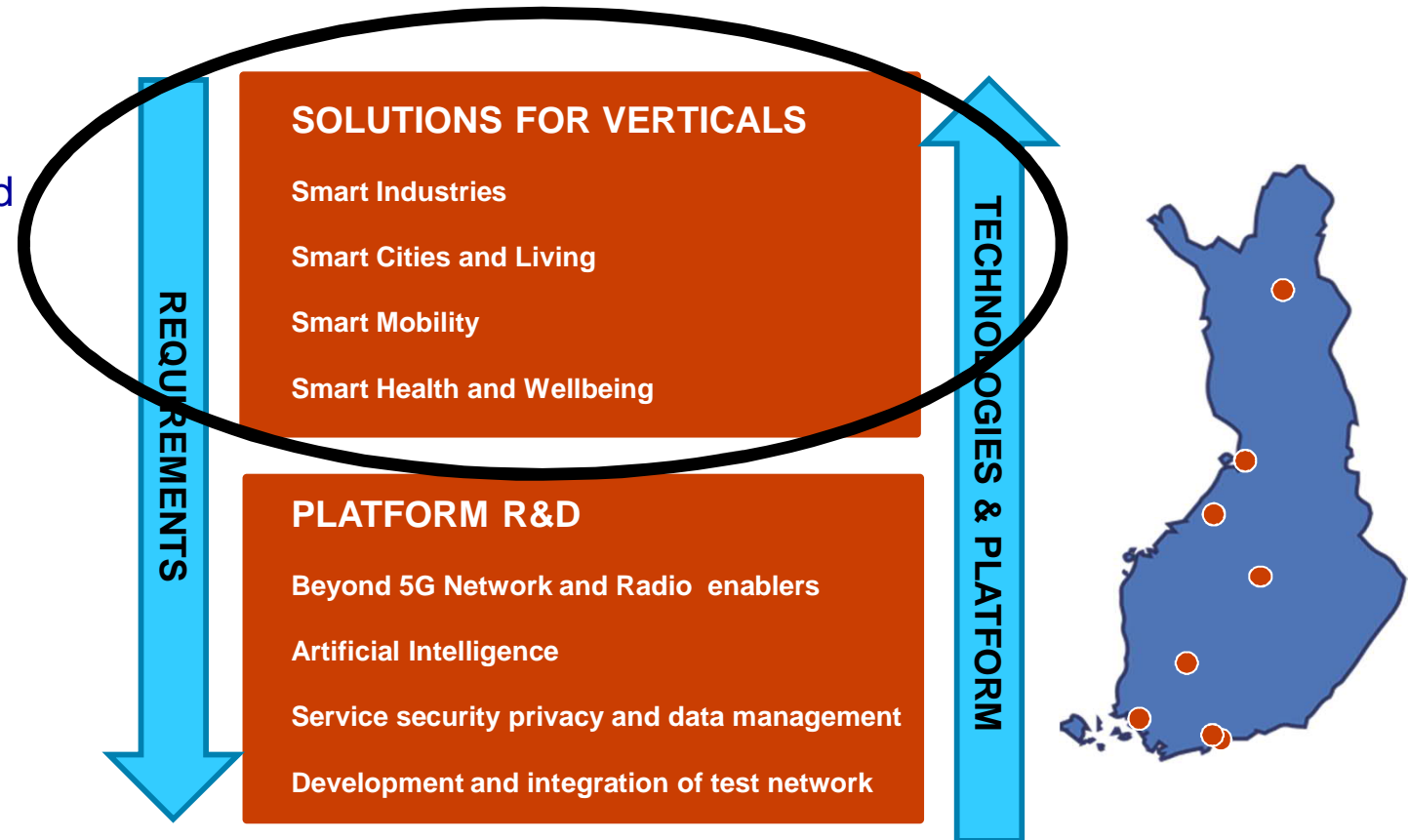
## 5GTNF intro - 5G Test Network Finland Targets

### MISSION

5G Test Network Finland is open and evolving innovation ecosystem supporting **5G evolution and Beyond 5G technology research and validation, vertical industry product development** and pioneer company experiments.

### VISION

**5G evolution and B5G R&D and utilization of AI and novel cyber security** concepts are ramping up and offer excellent business opportunities to both telecom and vertical industries



- **Ecosystem Services:**

- Access to state-of-art 5G infrastructure with expert support to:
  - test network operation/configuration and management
  - technology validations and application trials
- Expert services for 5G evolution R&D and different type application and system design with 5G infrastructure
- Participation to wide R&D ecosystem focusing on
  - technologies and innovations related to 5G evolution and beyond network and radio enablers, cyber security, utilization of AI and business models
  - 5G and AI enabled solutions for vertical industries; smart industry, smart cities and living, smart mobility and smart health and wellbeing

- **More information:**

- Kyösti Rautiola, Tel.: +358 400 582 246, email: [kyosti.rautiola@vtt.fi](mailto:kyosti.rautiola@vtt.fi)
- [www.5gtnf.fi](http://www.5gtnf.fi)