# eltic-Plus 

Smart Connected World
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## 5G Test Network Finland

Sami Ruponen
sami.ruponen@vtt.fi

## 5G Test Network Finland

Celtic-Plus

## VISION

To enable Finland to provide the best and most appealing 5G test network environment and ecosystem in the world for research and business development.

## MISSION

5G Test Network Finland coordinates the integration of the Finnish 5thGear programme testbeds and facilitates the cooperative creation of a joint open innovation platform for 5G technology and service development.

5G Radio Network 5G Core Network Business and Regulation Internet of Things

Network Functions Virtualization Network Management New Spectrum and Sharing Methods

Quality of Service/Experience Software Defined Networking

## Offering

Celtic-Plus

- State-of-the-art network infrastructure for 5G technology trials and demonstrations
- Flexible and evolving platform for 5G service development and testing
- Standardized interfaces for 3rd party equipment and service integration
- Extensive access to network and user monitoring data


## 5GTNF projects

Celtic-Plus

- Tekes 5thGear Programme projects
- TAKE-5 (5G Core Network, SDN , NFV, UDN, C-RAN)
-5GTN (5G Radio network, air interface, network management)
- CORE++ (Shared spectrum, business, regulation)
- FUHF (Supplemental Downlink in 4G/5G, hybrid use of UHF)
- Each have specific trialling environment
- 5GTNF will actively cooperate also with other parallel research and industry projects and test infrastructures.


## Partners

Celtic-Plus

Anite


Magister


Aalto University
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## Bittium

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ELTEL


MEDIMTCK (1) Pulse SONY

## Fairspectrum <br> Part of aximg <br> RLCGEDII <br> TV SAROIKAL <br> Haltian <br> | indalgo

PehuTec

C̈Centria

UNIVERSITY of OULU


倉鲭 Turun yliopisto
University of Turku

EFDRE
ENERGY FOR ELECTRONICS

RESEARCH ANO DEVELOPMENT



TAMPERE UNIVERSITY OF technology

TURKU AMK TURKU UNIVERSITY OF
APPLIED SCIENCES




## Contact Info

For more information and for interest to participate please contact:

Sami Ruponen<br>VTT Technical Research Centre of Finland Ltd sami.ruponen@vtt.fi

## 5gtnf.fi

