

# 5G Test Network Finland

Traficom Suomi 5G Kärkimaaksi – seminaari  
Crowne Plaza - Helsinki  
5<sup>th</sup> September 2019

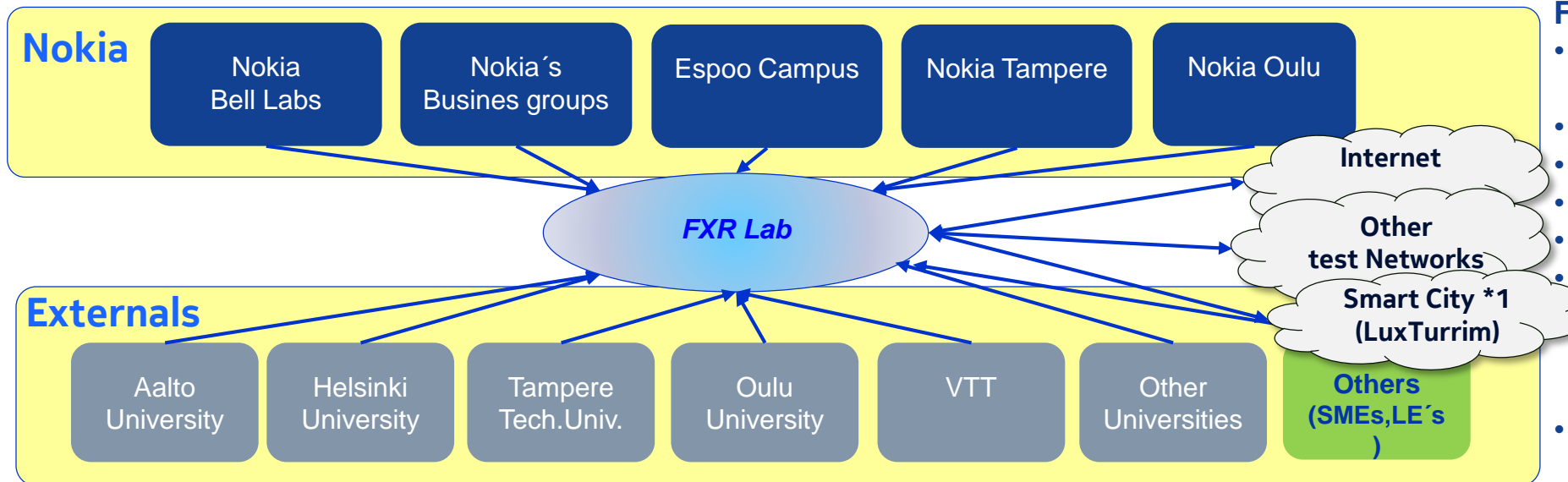
# NOKKIA

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# 5G Platform project – 5G-FORCE of 5GTNF Phase 3 2019-2020

## Future X Research Lab. (FXR Lab.)

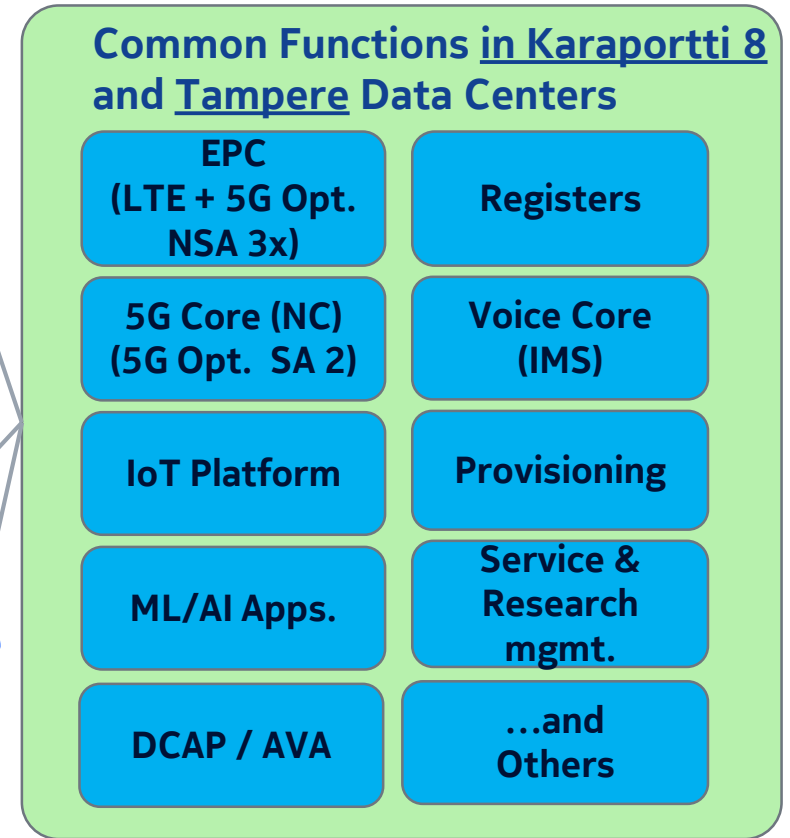
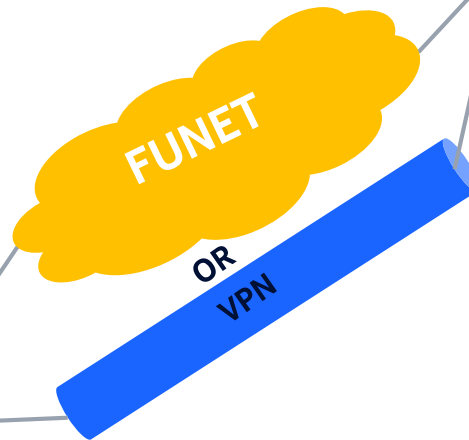
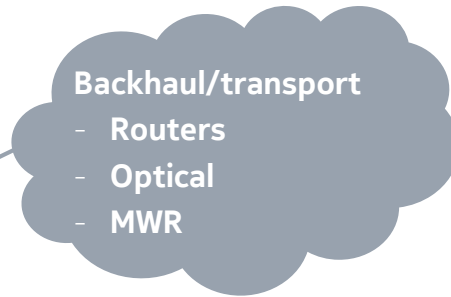
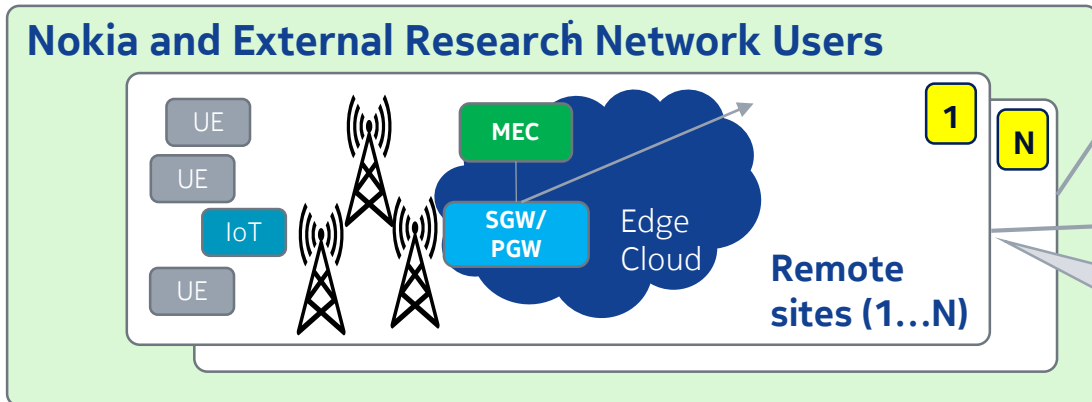
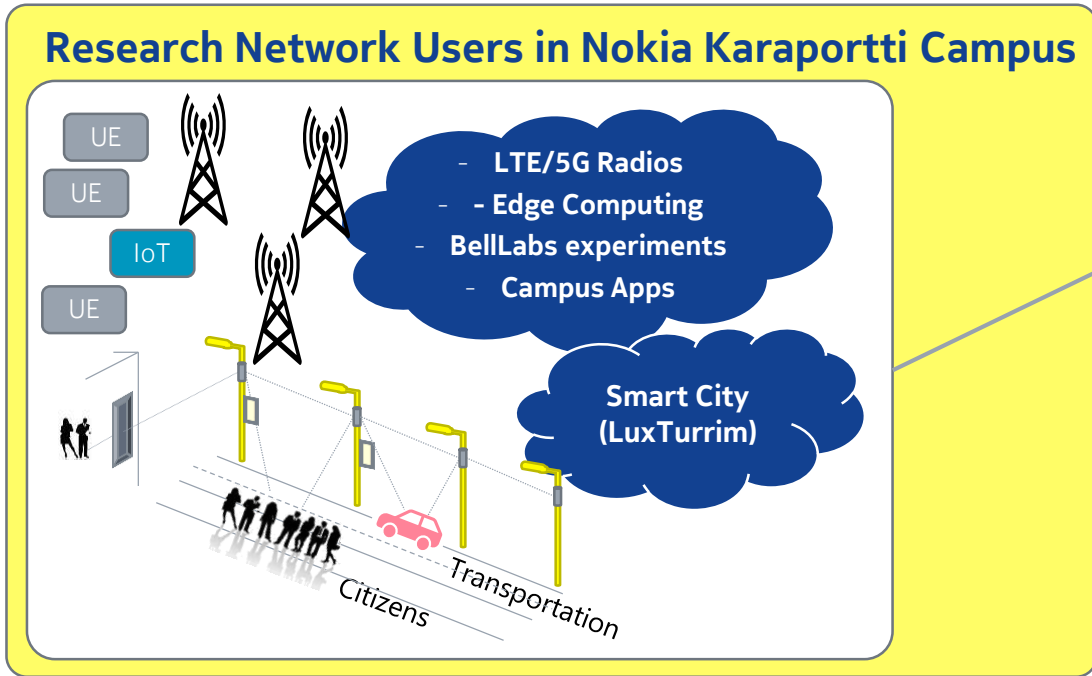
- The project based on the smart and flexible test network named **5G Future X Research Lab (FXR Lab)**
- The FXR Lab offers an environment to test all kind of Future generation use cases
- The combined 4G&5G Non Standalone Arch. Opt. supported now and pure 5G (Standalone) a bit later
- Used Radio Network will use the frequency bands allocated by LVM (Ministry of Transport and Communications) for Test, Development and Education purposes in Finland.



### Features (for example):

- Radio access for: 4G/5G/ mm and cm waves.
- WiFi and Fixed access
- Cellular and fixed IoT
- Cloud RAN, ORAN
- Network Slicing
- DevOps mechanism with SAFe
- Data Collection and Analytic (ML/AI – DCAP & AVA) for Internal and External data
- URLLC/MEC for Games, Health Care, Robotic...etc....
- Cloud Core (Voice & Data)

# Future X Research Lab. - technical view



Kiitos!

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