



# eltic-Plus<sup>+</sup>

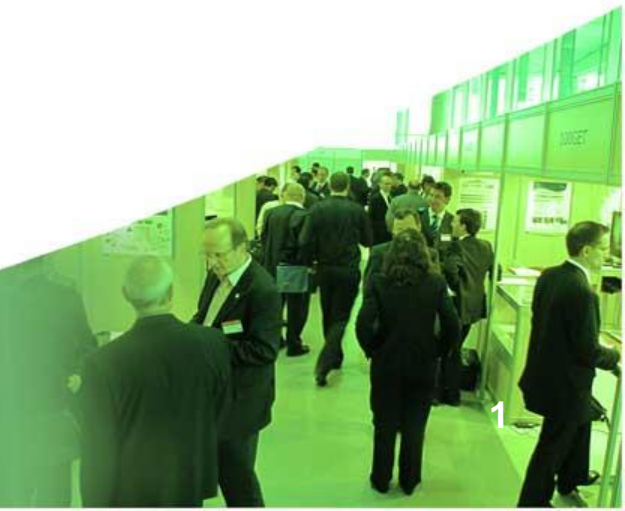
Smart Connected World



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## Network Function Virtualisation and Edge Computing for IoT

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- VTT Technical Research Centre of Finland Ltd
  - non-profit research and technology company
    - operating under the mandate of the Ministry of Employment and the Economy
  - providing expert services for domestic and international customers, for both private and public sectors
    - commercial activity with customers, jointly funded research projects, and internal strategic research projects
  - ~2400 employees around Finland
    - Espoo, Oulu, Tampere, Jyväskylä, Kuopio, Kajaani

# Proposal Introduction (1)

- Integration of IoT into software networking and cloud computing
- NFV and Mobile Edge Computing applied to IoT infrastructure and services
  - sharing of IoT and NFV infrastructure in multi-service multi-tenant environments
  - handling/processing of IoT traffic efficiently throughout the network, from cloud to network edge
  - easy scale up/down and mobility of IoT services
- “IoT virtualisation”, turn legacy systems IoT capable
  - virtualise existing processes, sensors, and systems

# Proposal Introduction (2)

- Outcome
  - flexible IoT deployment and operation with common NFV management and orchestration framework used in Telco networks
  - Open Innovation Platform
    - combining SDN, NFV and lightweight virtualisation
- Impact
  - new, innovative IoT services, service providers and business models
  - facilitated IoT and 5G fusion
- Schedule: target for next autumn 2015 Call

# Partners

- IoT platform and service providers
- Telcos and Mobile operators
- Cloud service providers, Telco vendors
- Expertise on NFV, software networking, virtualisation
- Balanced consortium
  - Academia, industry, and SMEs

# Contact Info

For more information and for interest to participate please contact:



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