



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

Smart Connected World



## UNITed

*Utilization of **NFV** to support **IoT** services in heterogeneous networks and clouds*



# Project Objectives

- Currently lacking end-to-end design, scalability, and manageability, as well as security and governance hinder the full exploitation of recent advancement in technology
- UNITED aims at the integration of IoT elements into a common management and orchestration framework that enables
  - efficient deployment of distributed IoT infrastructure and its management
  - flexible processing of IoT data throughout the network from cloud to network edge (near real-time close to IoT devices)
  - rich and novel service offering and orchestration in current and future systems
- Better experience and efficiency throughout the whole value-chain
  - from vendors to application and service developers, to service providers all the way to the customers

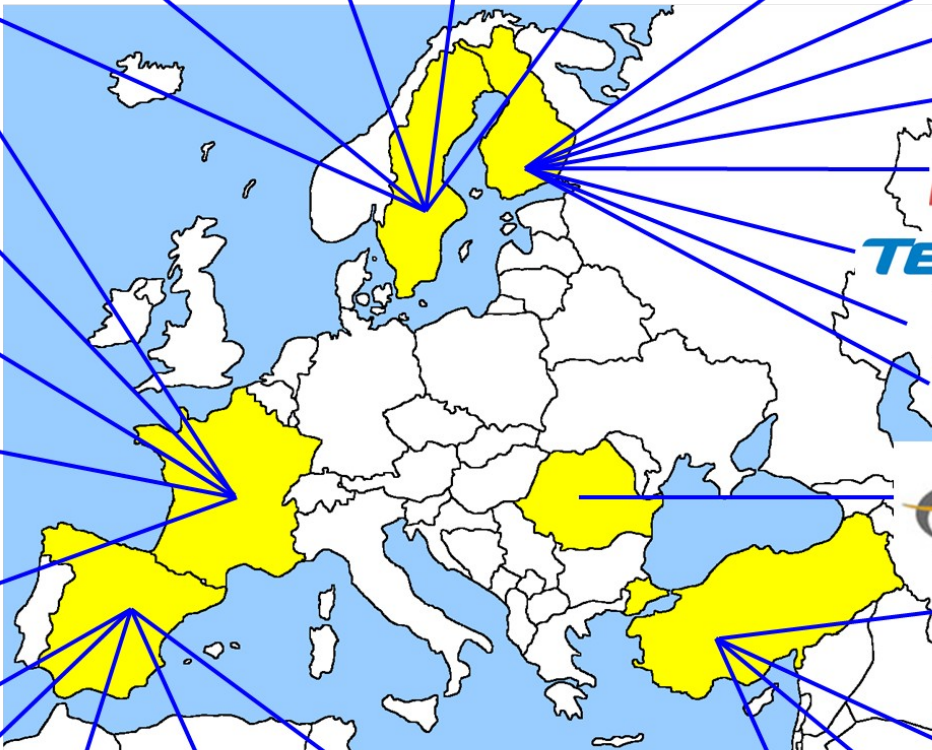
# Project facts

- Celtic Label received Nov 2015
- Budget +10 M€ / +100 PYs
- Ongoing negotiations with PAs in several countries
- Use cases introduced in the project
  - Emergency management with IoT
  - IoT for Entertainment
  - IoT for Smart Home & Buildings
  - IoT for Telemetry
  - 3D Visualization of virtualized industrial environments
  - Electricity grid monitoring, control, and predictive maintenance
  - Real-time video streaming and storage for gaming
  - Cloud based nursing home and elderly care application
  - IoT for end-to-end public transport solutions
  - Cloud based Smart Home Platform



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# Partners



# Looking for...

- The consortium is already strong covering relevant research areas and many application areas but...
- Liaison with other national and international projects
  - Security is one important cooperation areas
- What would need further enhancement
  - Involvement of more **real end-users**
  - More service providers / operators



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## Contact info

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