

# The 5G EVE End-to-End Facility

18 June 2019

Website: [www.5g-eve.eu](http://www.5g-eve.eu)



This Project has received funding  
from the EU H2020 research and  
innovation programme under  
Grant Agreement No 815074

Mauro BOLDI (TIM)



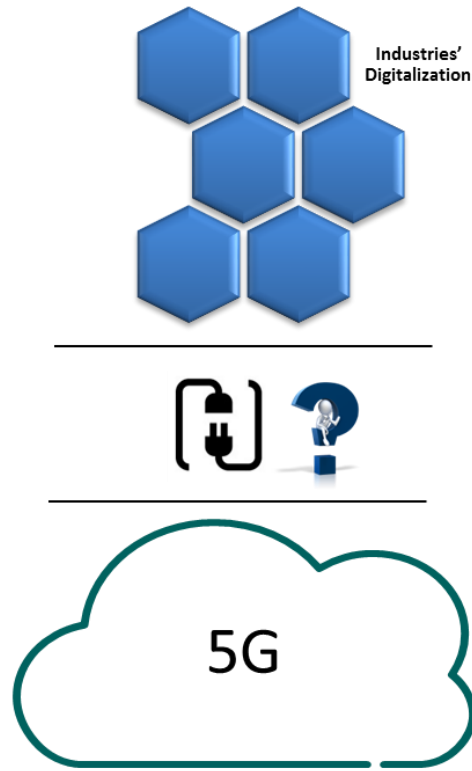
5G EVE

# 5G EVE partners and trial-sites

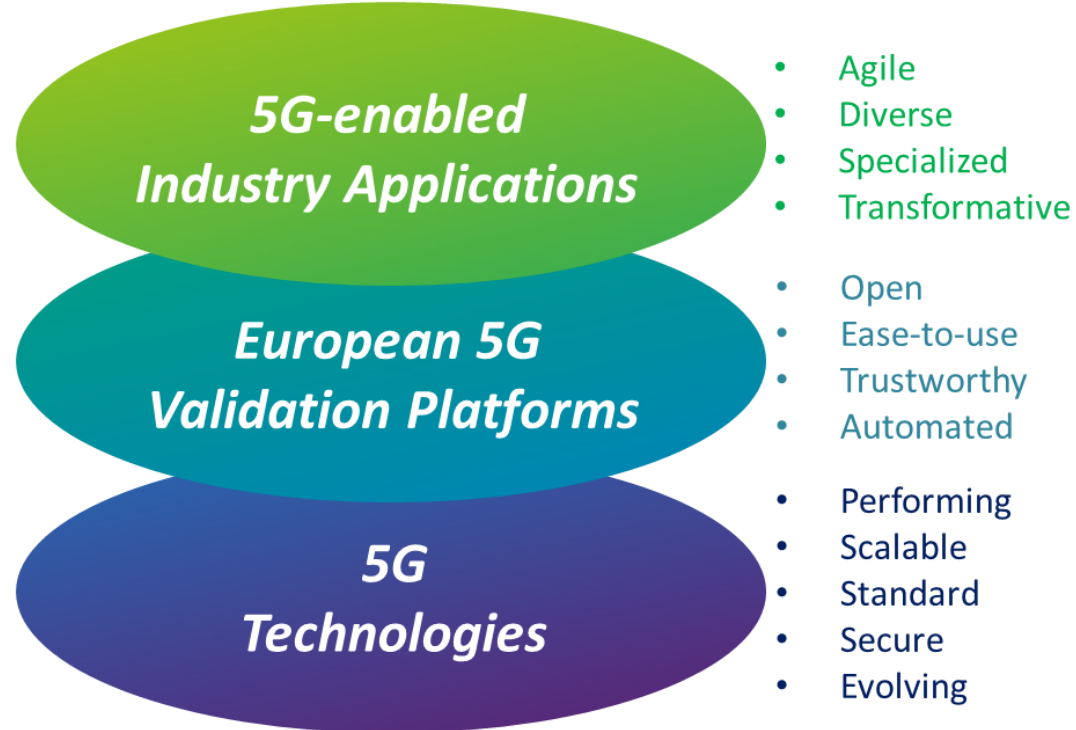


# The vision of 5G EVE's E2E Validation Platform

From: Two Worlds



To: One Innovation Ecosystem



# What 5G EVE offers to Vertical experimenters



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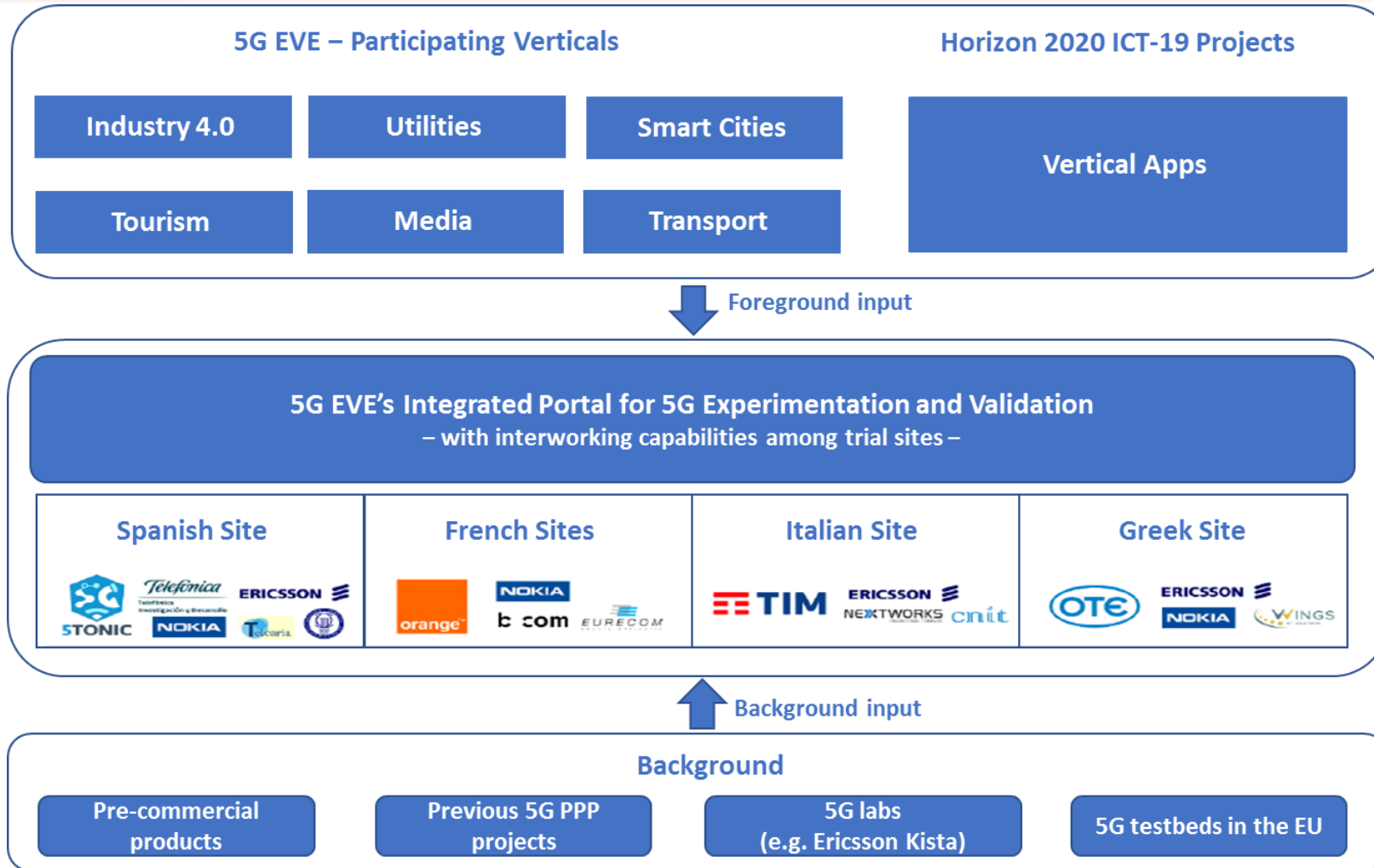


# 5G EVE Overall Objectives

- **A 5G end to end facility will be created**, which will provide the means for experimenting (tools) with:
  - eMBB, mMTC, URLLC services;
  - Access technologies (NR, spectrum, radio resource management);
  - BH/FH technologies;
  - Edge Computing capabilities
  - Core network and service technologies including a 5G VNF pool;
  - Slicing and orchestration (cross domain and network segment/technology)
- The objective is to deliver an end-to-end facility that **will enable experimentation and validation with full sets of 5G capabilities**: initially Rel.15 compliant and Rel.16 compliant by project end.
- The 5G-EVE end to end facility will be composed of four interworking site facilities in Greece, Spain, France and Italy (complemented by advanced labs, e.g., the Ericsson one in Kista, Sweden), **offering vertical industries a validation platform through a unified functional and operational API**.

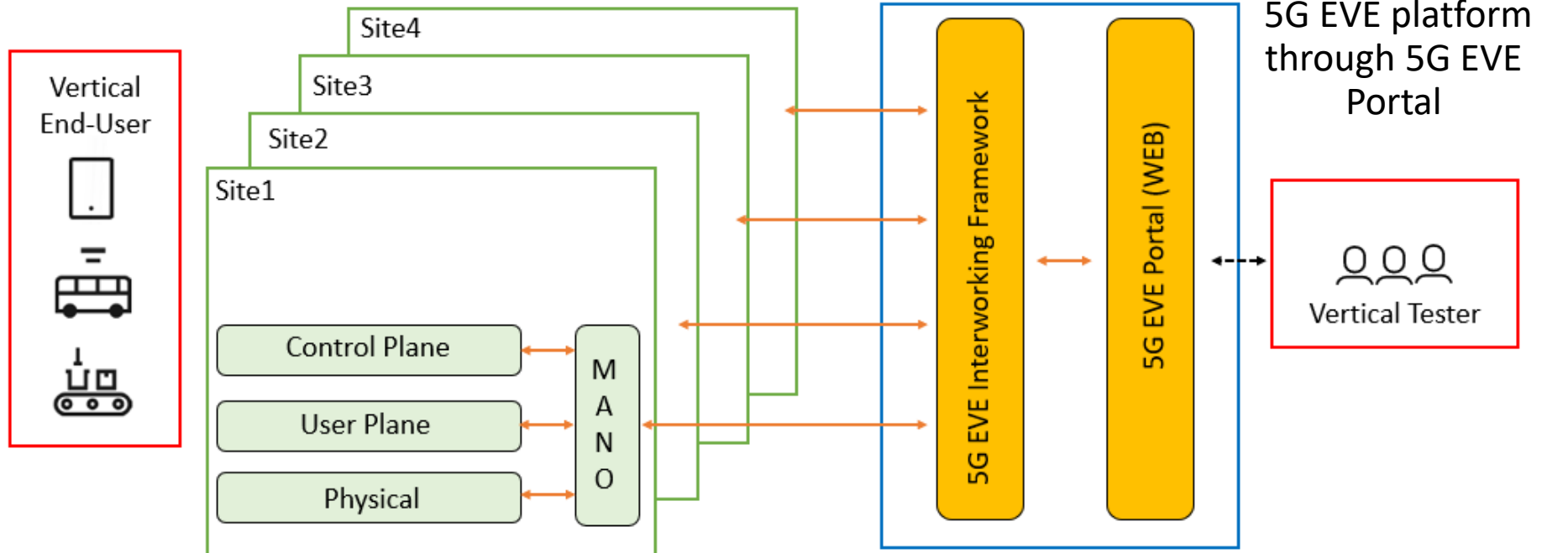


# 5G EVE Overall Objectives

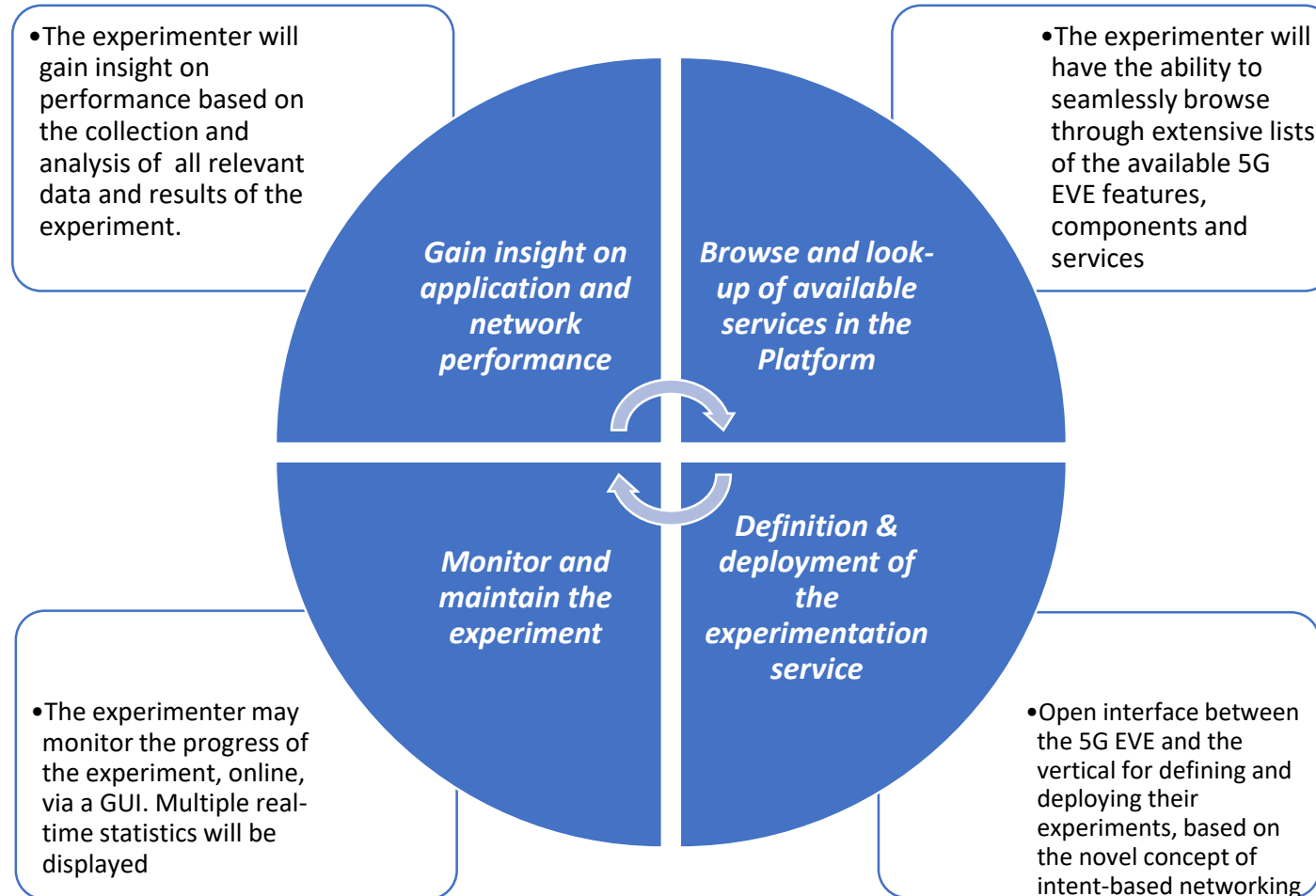


# 5G EVE Architecture – Verticals' View

Vertical End-User  
Service is delivered  
at one or more sites.

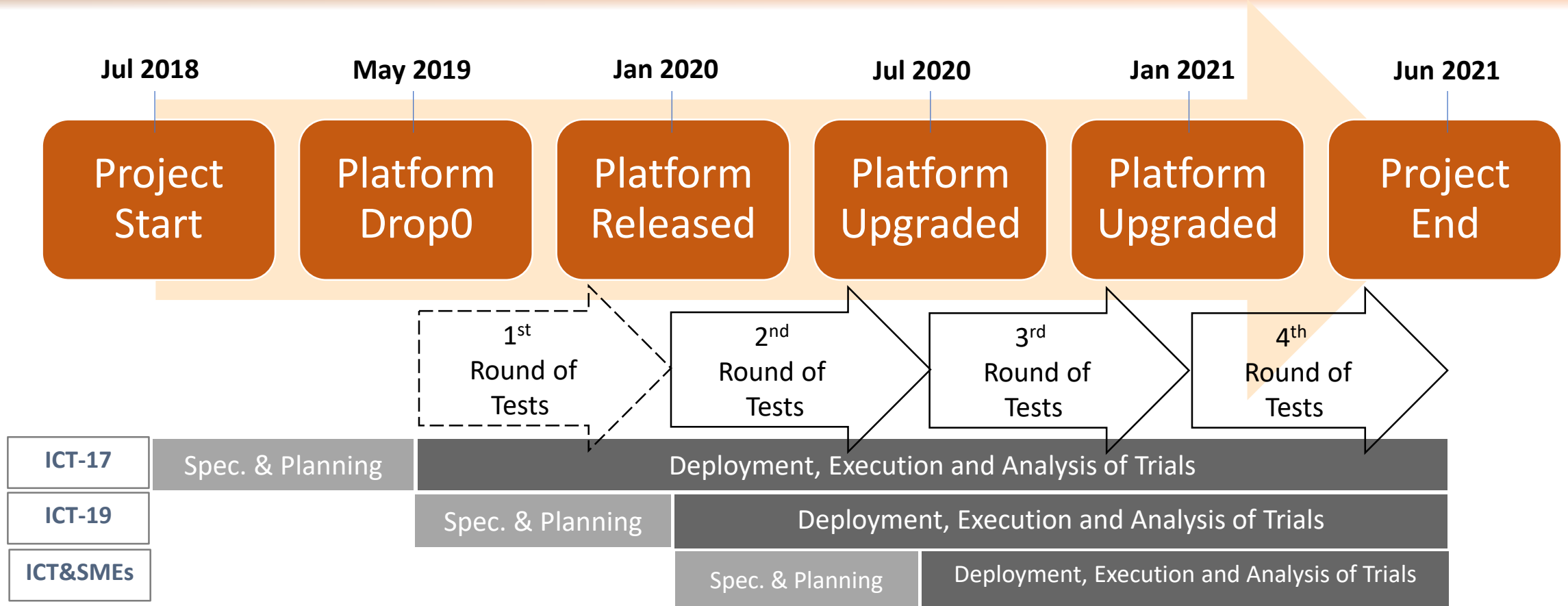


# 5G EVE Platform - Validation Test as a Service

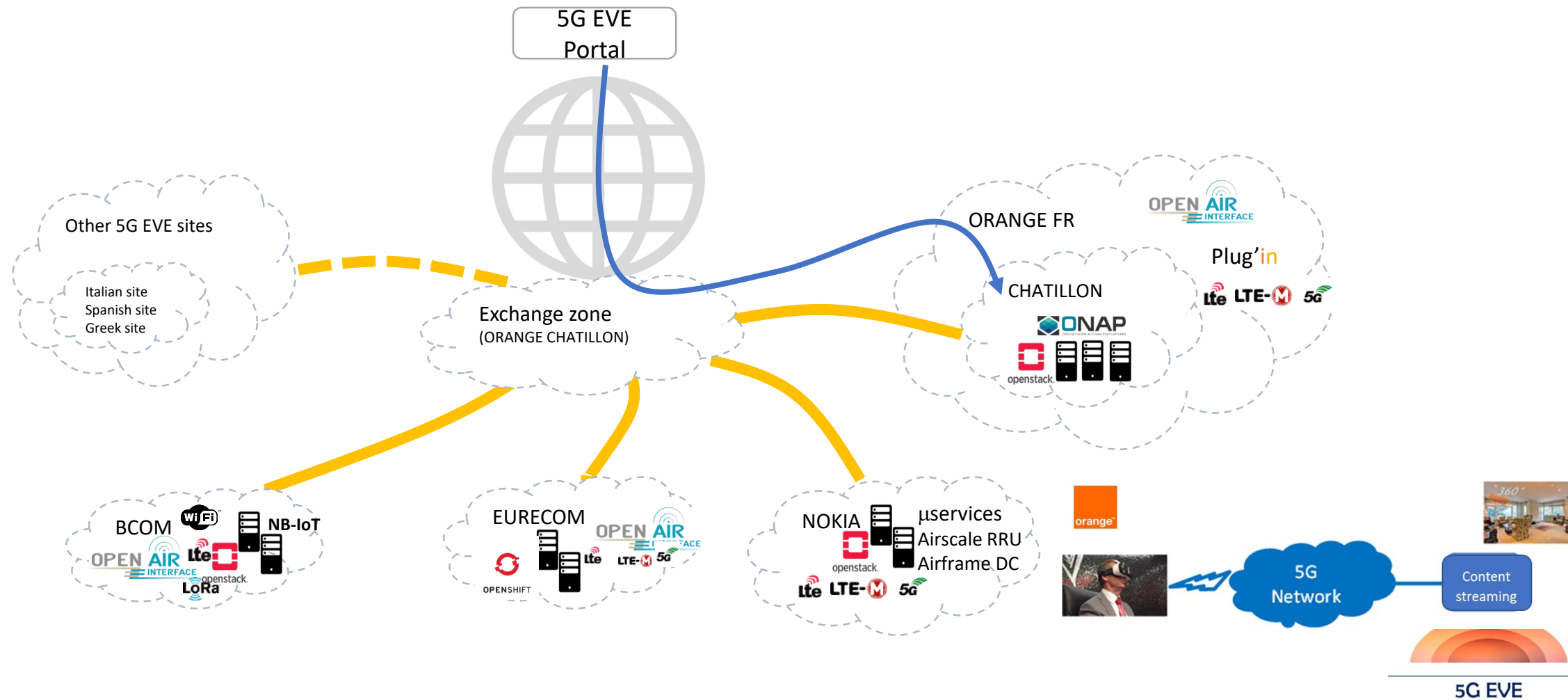




# 5G EVE Roadmap – General Time-line

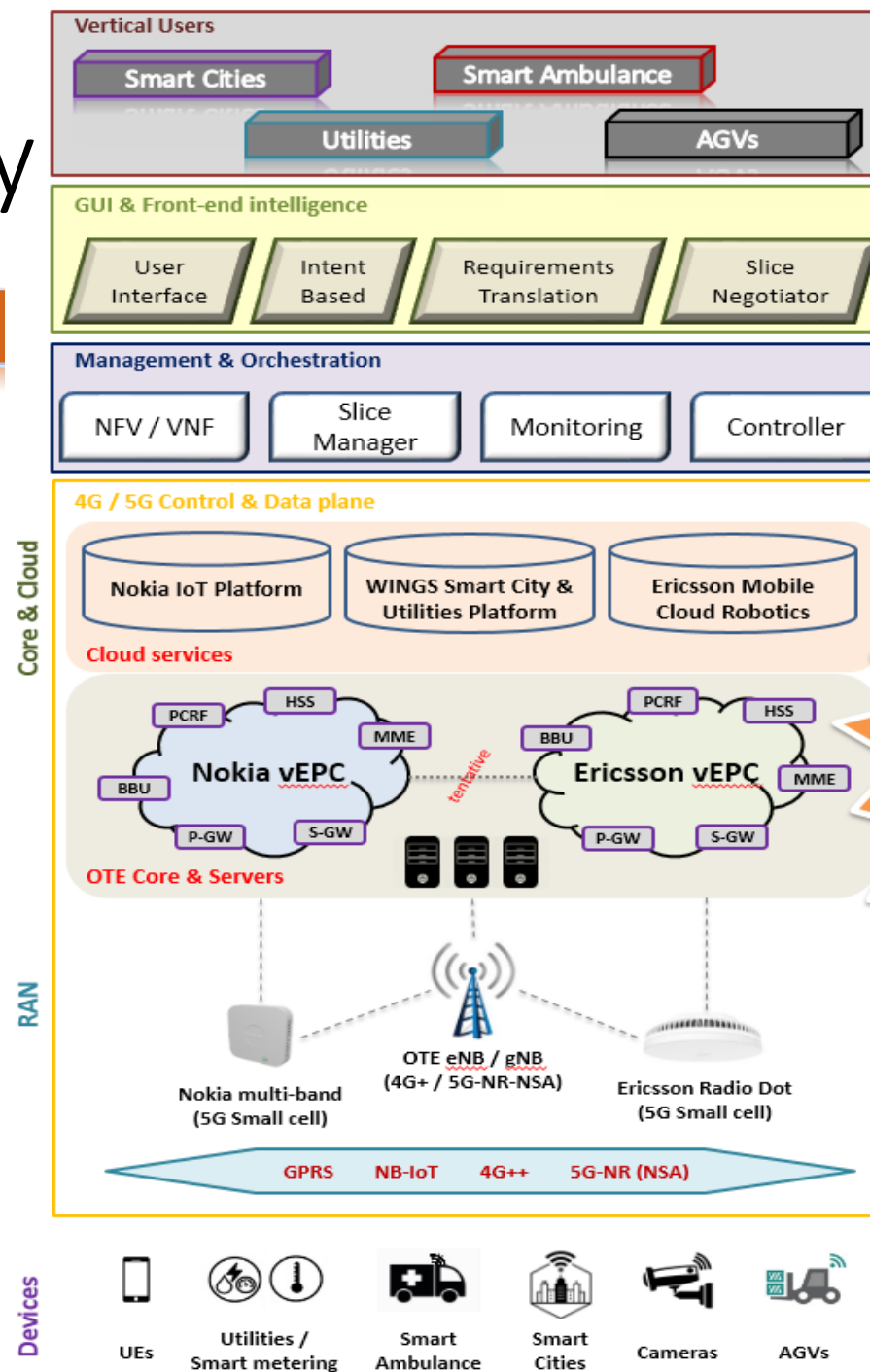


# French Site Facility

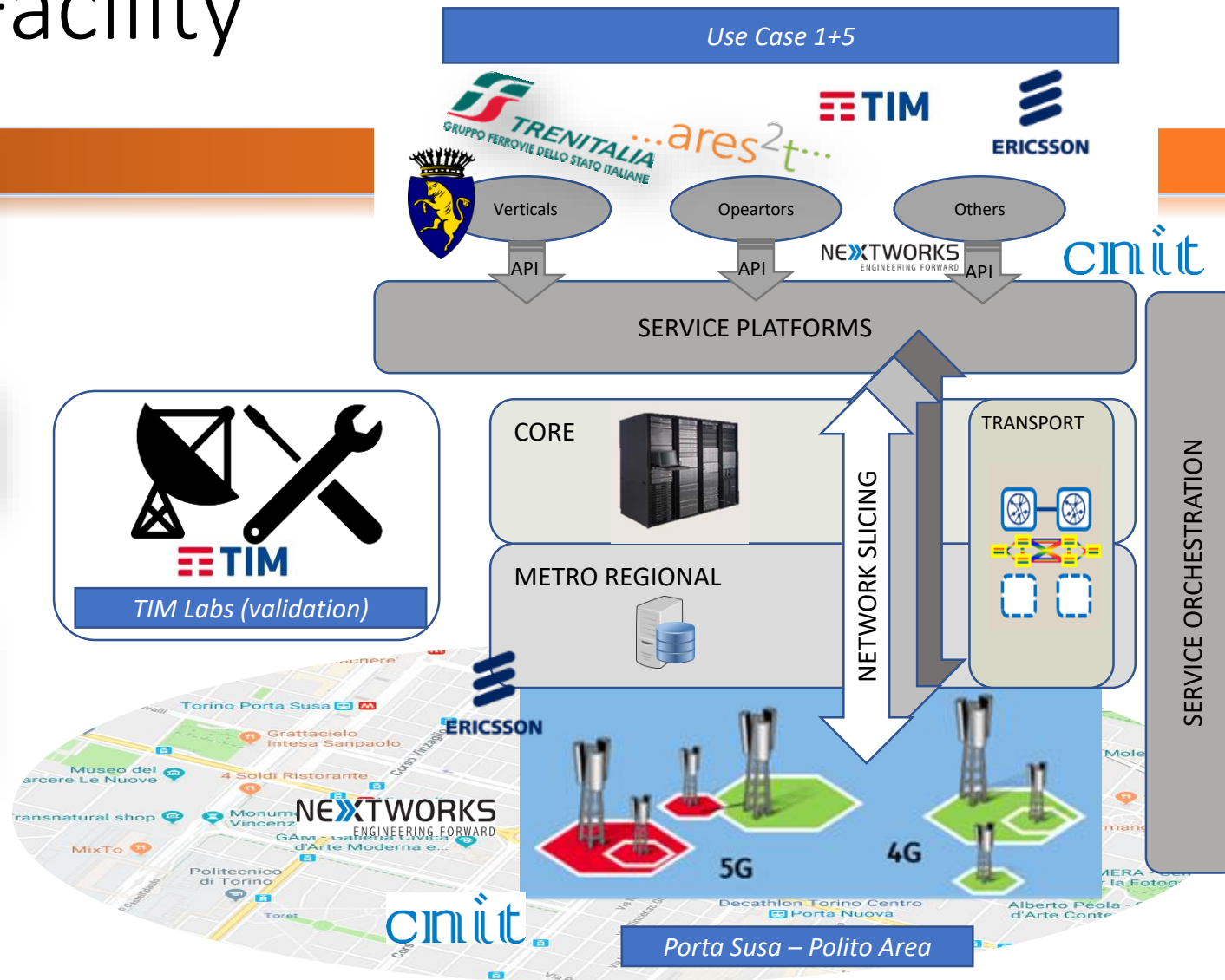
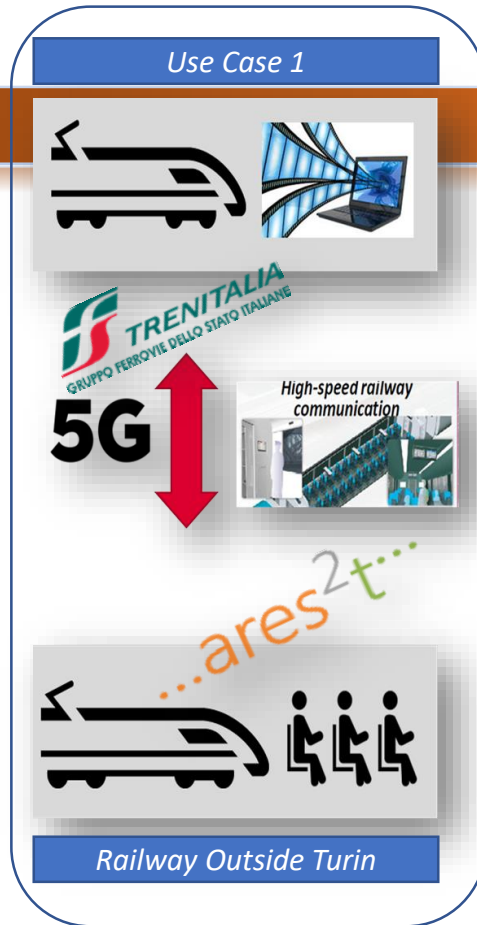


# Greek Site Facility

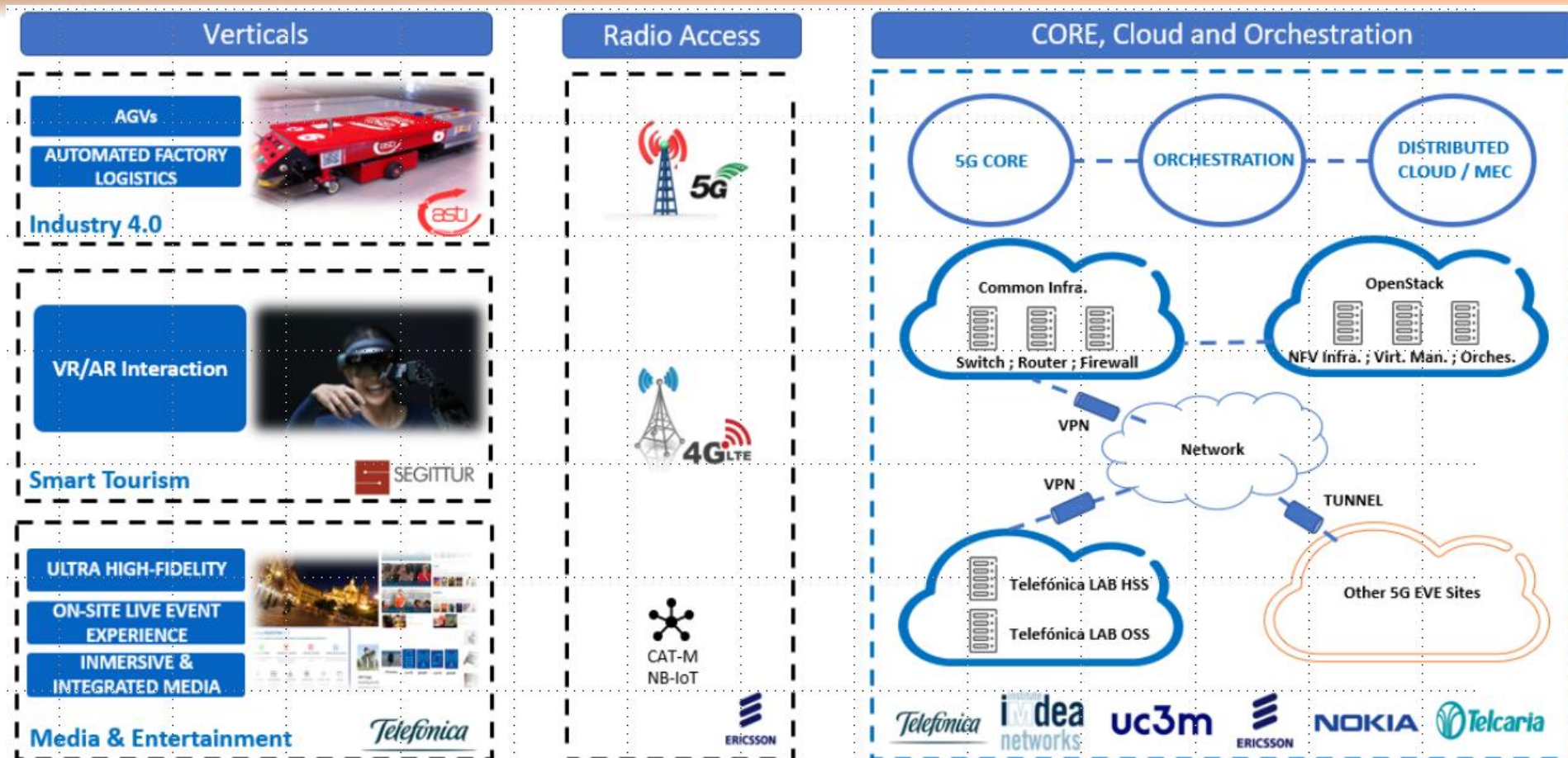
- GUI development with Intent-based functionality to support vertical users
- Implementation of “Umbrella” Greek site Orchestrator under way
- 1<sup>st</sup> release of AGV, Smart City and Utilities platforms available
- Nokia and Ericsson vEPCs (1<sup>st</sup> release) installed at OTE facilities
- Ericsson Radio-Dot installed at OTE facilities
- Vertical end devices available Smart city sensors and actuators, AGVs, Smart energy distributed producers /consumers, sensors, etc.



# Italian Site Facility



# Spanish Site Facility





# Some site facility specifications



Videos of 5G EVE Sites Facilities available at: <https://www.5g-eve.eu/videos/>



# Useful information

General information on methodologies and solutions

→ <https://www.5g-eve.eu/>

Information on available facilities in the different sites

→ <https://www.5g-eve.eu/end-to-end-facility>

→ <https://www.5g-eve.eu/videos/>

Specific requests

→ <https://www.5g-eve.eu/contact/>




# 5G EVE Contacts details



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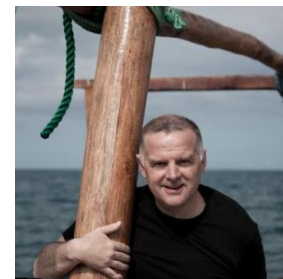
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