

The 5G EVE End-to-End Facility EMPOWER/PAWR Workshop

29th of April 2019 – Paris, France

Website: www.5g-eve.eu



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

Rodolphe Legouable – 5G EVE WP2 Leader



5G EVE

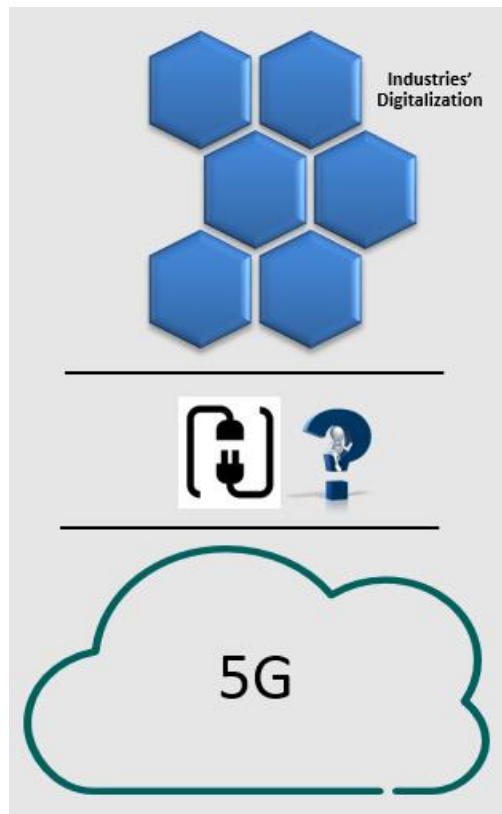
5G EVE partners and sites facilities



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5G EVE: Helicopter view



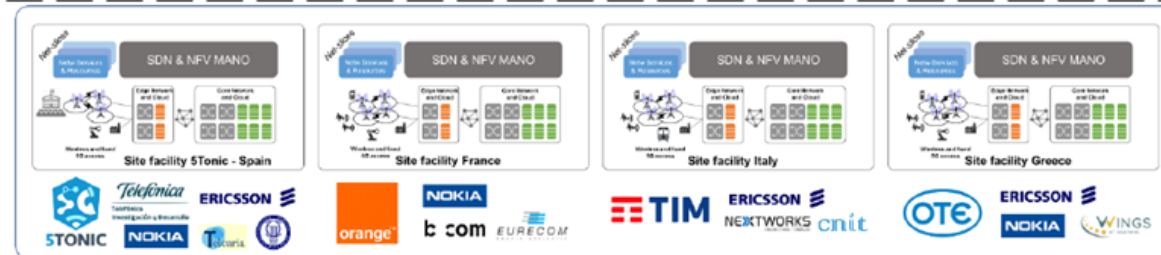
5GEVE Participant Verticals



ICT-19 Proposers



5G EVE's Integrated Portal for 5G Experimentation and Validation, with interworking capabilities among trial sites



BACKGROUND



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What is 5G EVE innovating at

1

**Intent-based interface
towards verticals**

A disruptive intent-based interface to simplify the access to the 5G end to end facility, specifying "what" is asked without details on "how" it is provided.

2

**Multi-domain slicing
and orchestration**

A new orchestration framework with the necessary features able to manage effectively multiple site facilities, dramatically improve efficiency, prevent overload, and easily manage migration of networks components, while meeting performance requirements.

3

**Performance Diagnostics
(KPI Framework)**

A completely new performance diagnosis mechanism and a new monitoring framework enabling the capturing of service and slice performance indicators, providing insight on performance.

4

**5G VNF's
(Openness Framework)**

A new framework to provide a modular, reusable set of different SFs enabling the coexistence of proprietary and open source technologies; this will allow the modular replacement and chaining of components implemented with open and novel performance acceleration techniques.



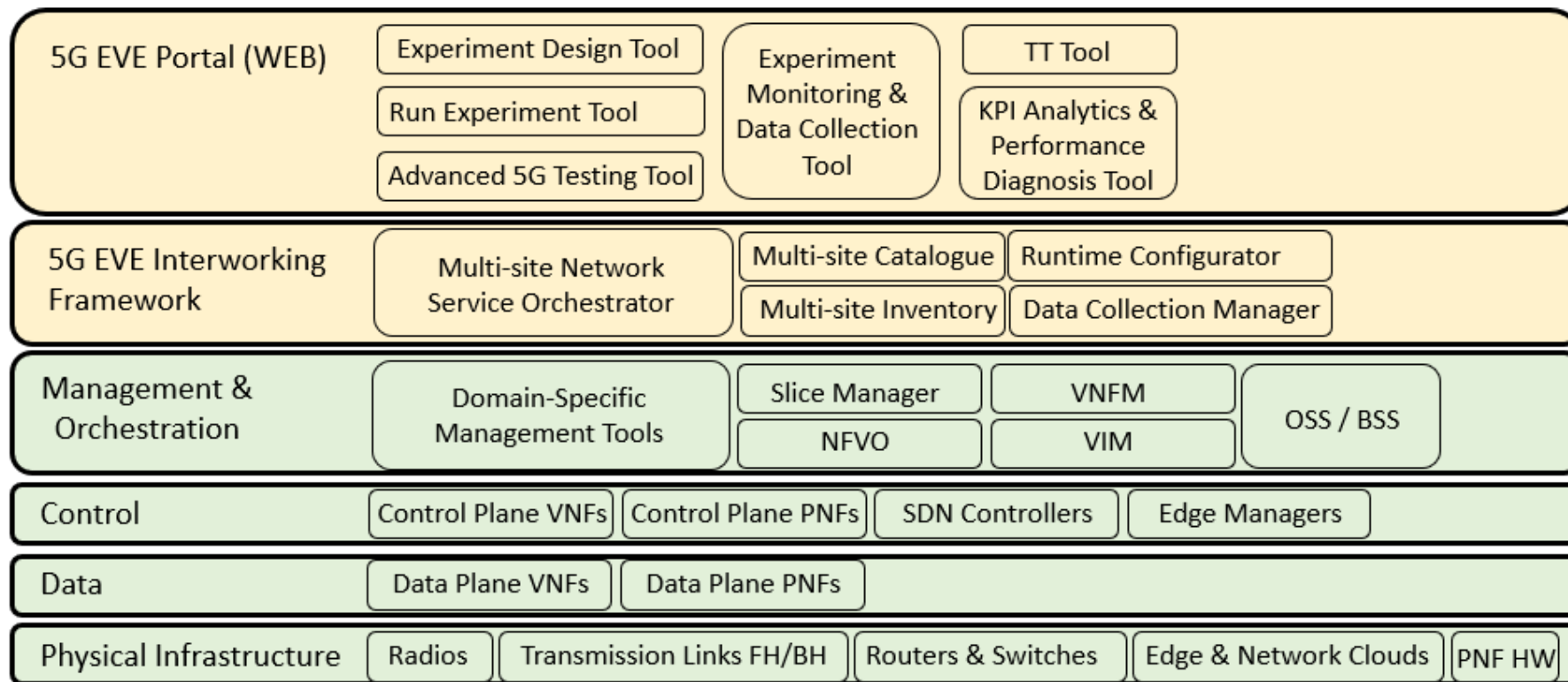
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5G EVE

5G EVE Platform Architecture

Implementation View



Common 5G EVE functional blocks
Common to all sites; secure homogeneous platform services to Verticals

5G EVE Site functional blocks
Based on different technologies and implementations for different sites; enable richer tests



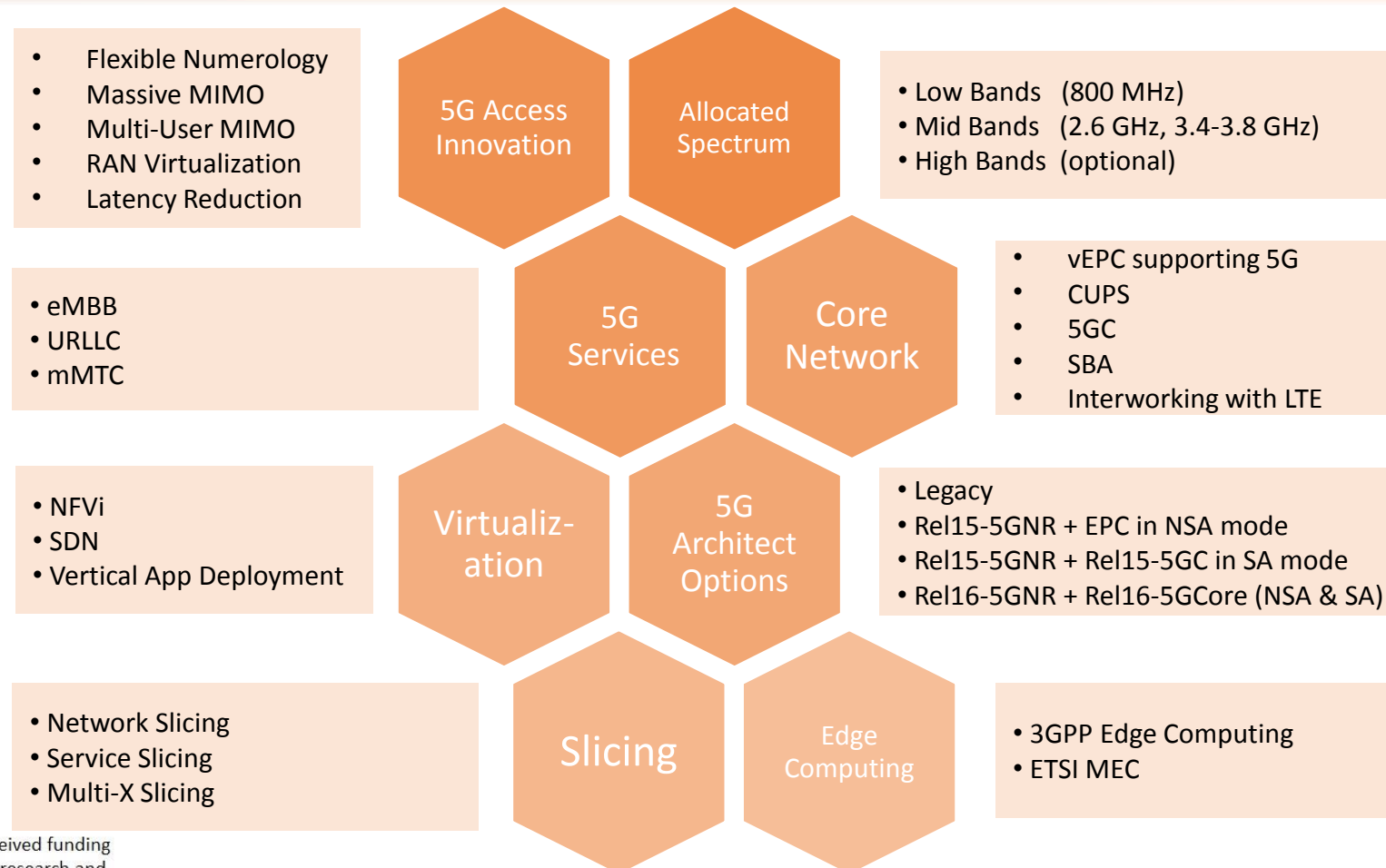
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5G EVE

5G EVE Platform Architecture

Involved 5G Technologies & Standards

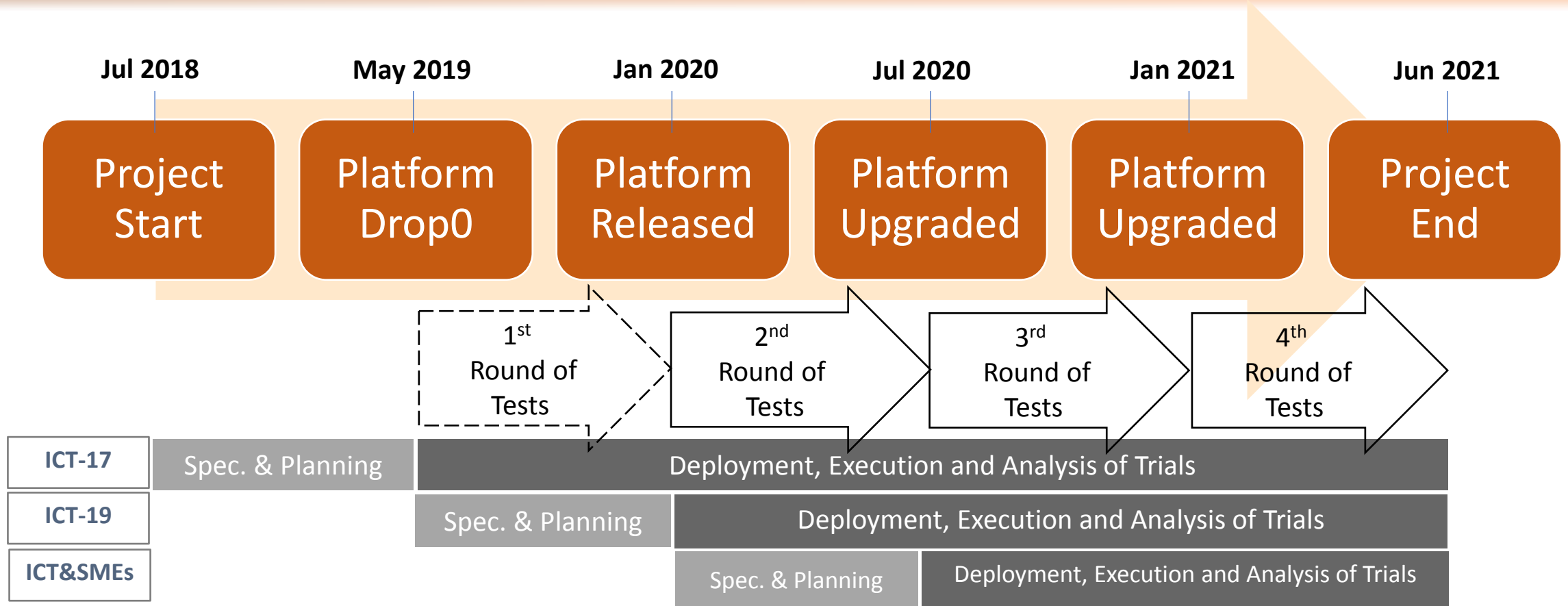


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Roadmap

General Timeline



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5G EVE

If you want to know more ...

- Participate to the 1H webinar the 9th of May
@2:30pm

<https://www.5g-eve.eu/event/webinar-the-5g-eve-end-to-end-facility-for-vertical-industry-trials/>

Registration in the webpage



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Thank you!



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