

Final 5G EVE Webinar

5G EVE validation platform achievements

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5G EVE Technical Manager



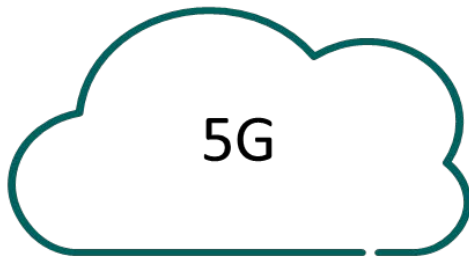
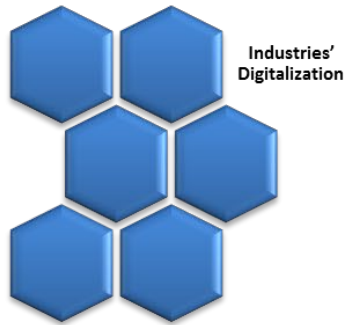
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5G EVE

5G EVE's vision

From: Two Worlds



To: One Innovation Ecosystem

*5G-enabled
Industry Applications*

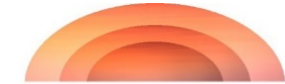
- Agile
- Diverse
- Specialized
- Transformative

*European 5G
Validation Platforms*

- Open
- Ease-to-use
- Trustworthy
- Automated

*5G
Technologies*

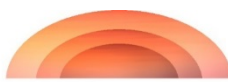
- Performing
- Scalable
- Standard
- Secure
- Evolving



5G EVE



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5G EVE

1. 5G EVE Ecosystem Participant Verticals



Spain
Madrid



NOKIA



France
Paris, Rennes, Sophia Antipolis



NOKIA

b com



Italy
Turin



Greece
Athens



NOKIA



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Industry 4.0	Agriculture & Agri-Food	Automotive	Transport & Logistics	Smart Cities & utilities	Public Safety	Smart (air)ports	Energy	Ehealth & wellness	Multimedia & entertainment
✓		✓		✓			✓		✓













5G EVE

1. 5G EVE Ecosystem

Support to ICT-19 projects



Projects	Web site	 Industry 4.0	 Agriculture & Agri-Food	 Automotive	 Transport & Logistics	 Smart Cities & utilities	 Public Safety	 Smart (air)ports	 Energy	 Ehealth & wellness	 Multimedia & entertainment
5G EVE	https://www.5g-eve.eu/	✓		✓		✓			✓		✓
5G Solutions	https://www.5gsolutionsproject.eu/	✓				✓		✓	✓		✓
5G TOURS	http://5gtours.eu									✓	✓
5G!Drones	https://5gdrones.eu/				✓		✓				✓
5G HEART	http://5gheart.org/		✓		✓					✓	
5G GROWTH	http://5growth.eu/	✓			✓				✓		
5G VICTORI	https://www.5g-victori-project.eu				✓				✓		✓

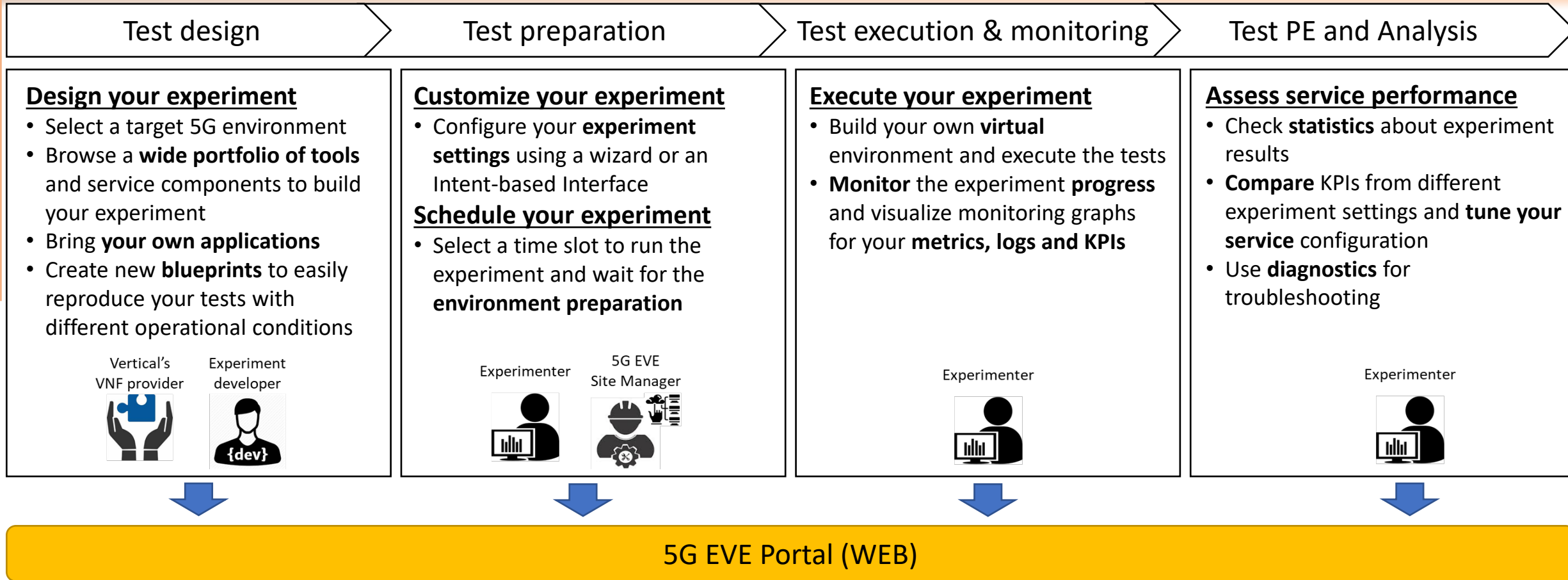


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5G EVE

2. 5G EVE Platform Services Testing as a Service



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2. 5G EVE Platform Services Innovations



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.

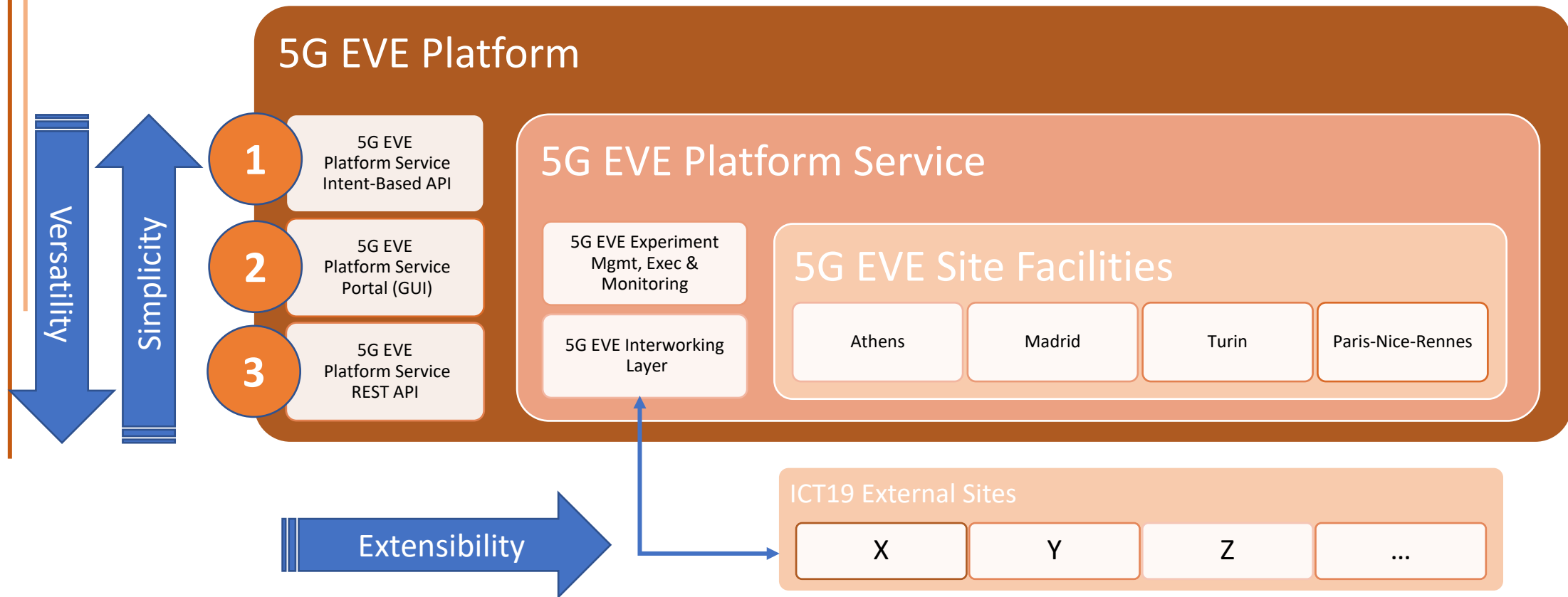


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5G EVE

2. 5G EVE Platform Services Interfaces supported

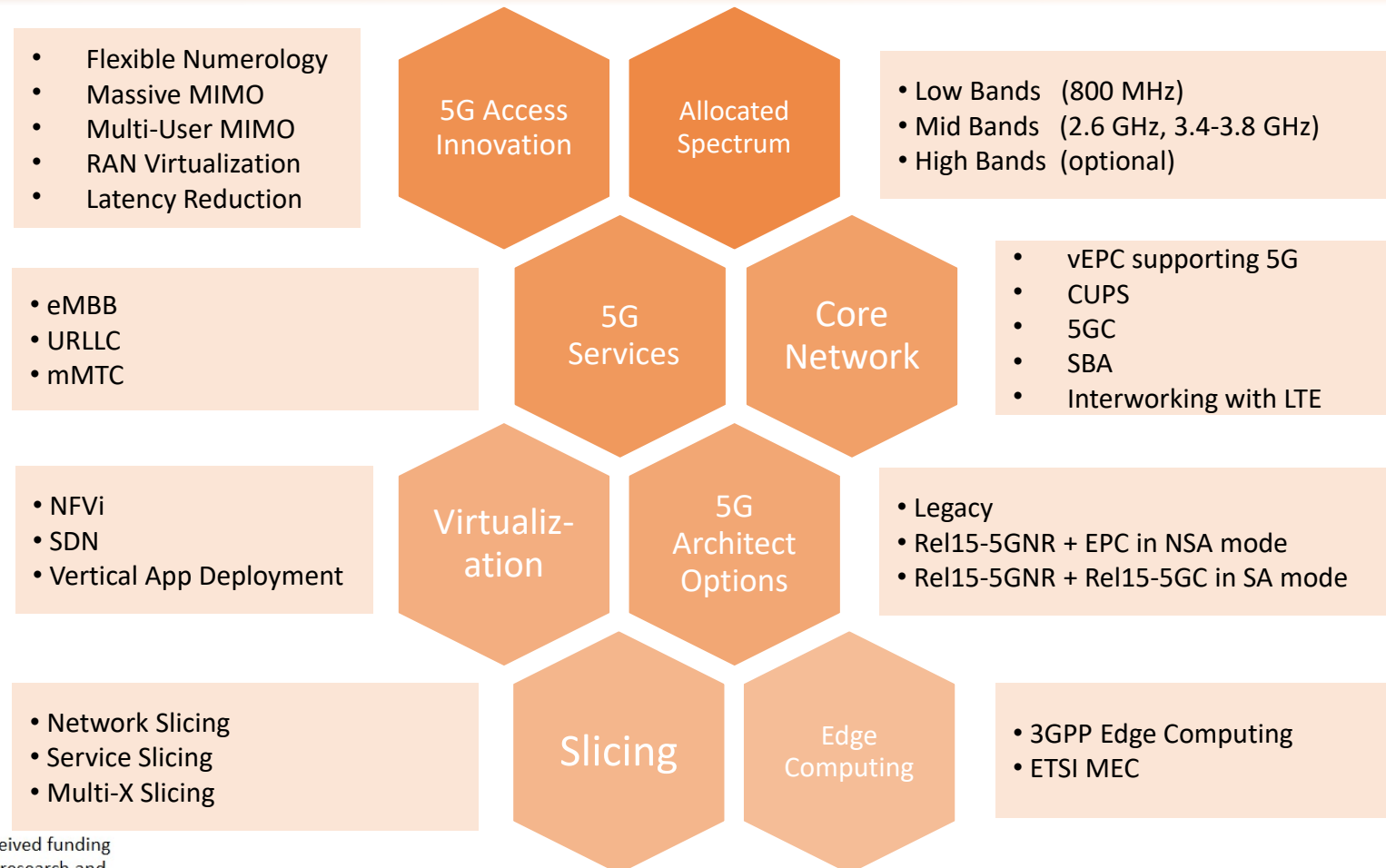


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3. 5G Capabilities

Range of Technologies and Architectures



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3. 5G Capabilities Executed Roadmap



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For a detailed roadmap of 5G EVE platform please visit:

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



5G EVE

... and last but not least! Exploitation & Sustainability



5G EVE Site Facilities



5G EVE supported ICT-19 Projects

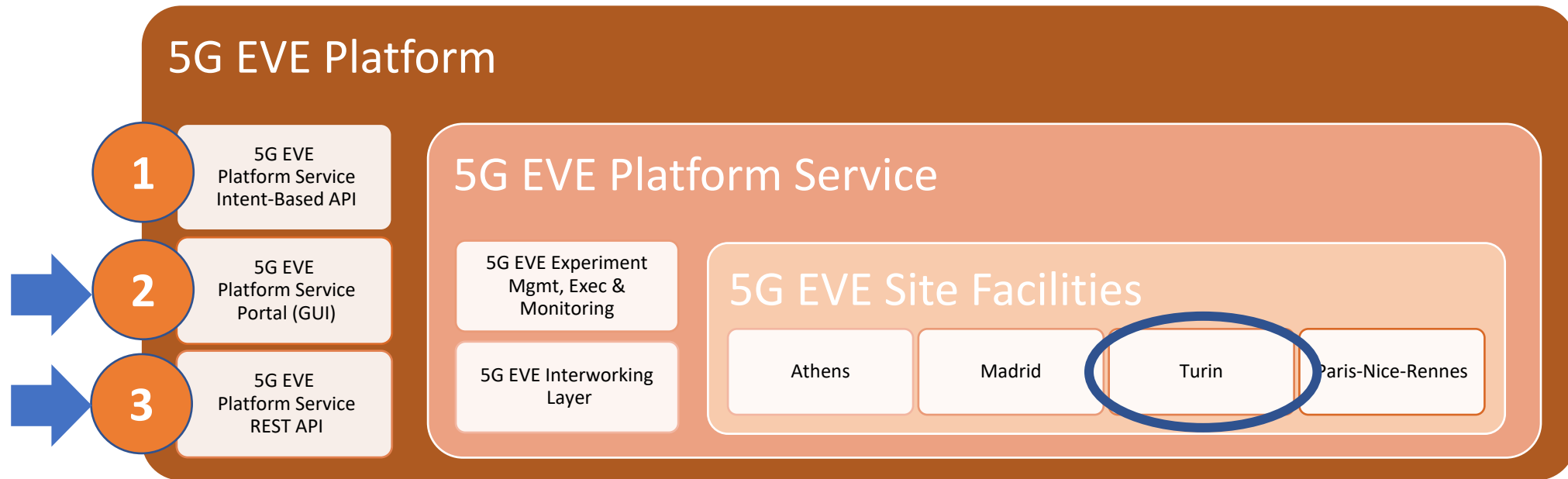


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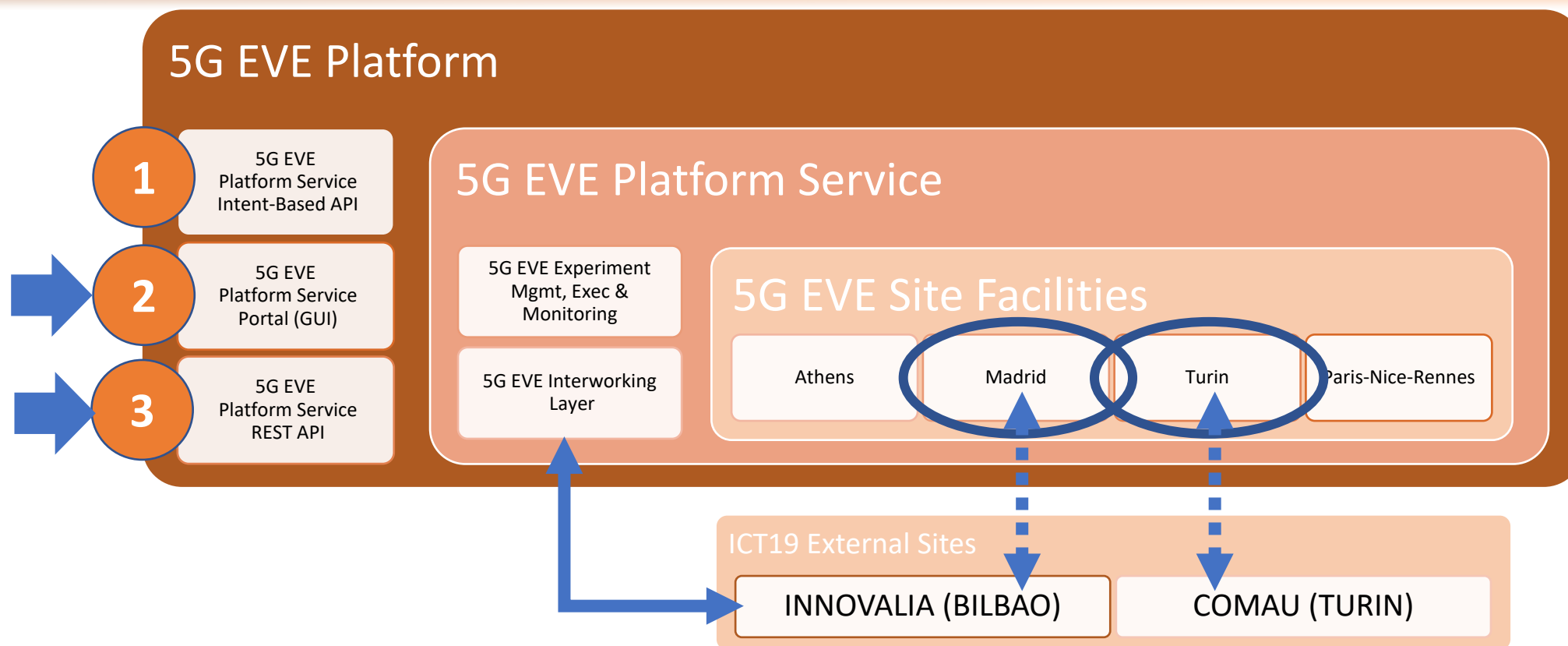
5G-SOLUTIONS



- 5G EVE Portal GUI for designing and managing experiments
- 5G EVE REST APIs for controlling the execution (programmatically) and consuming metrics and KPIs for enhanced service logic

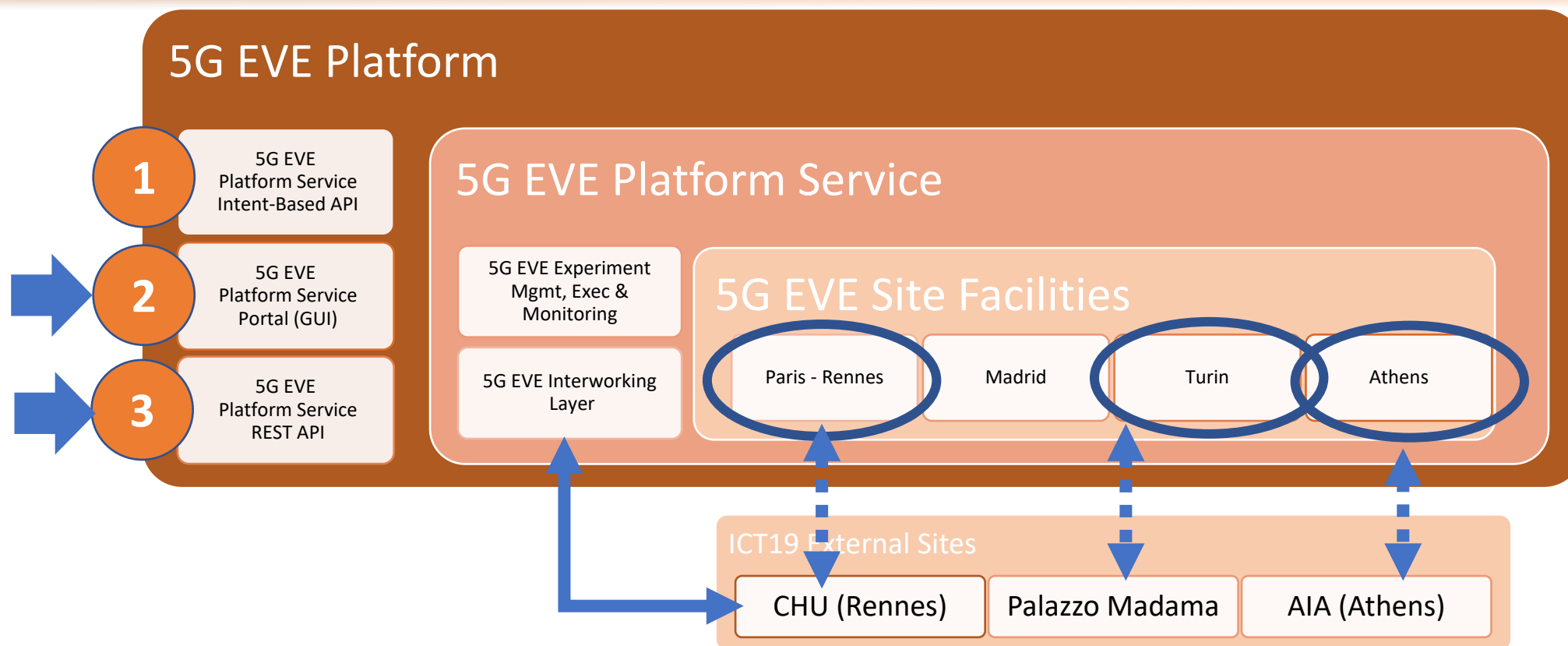


5G GROWTH



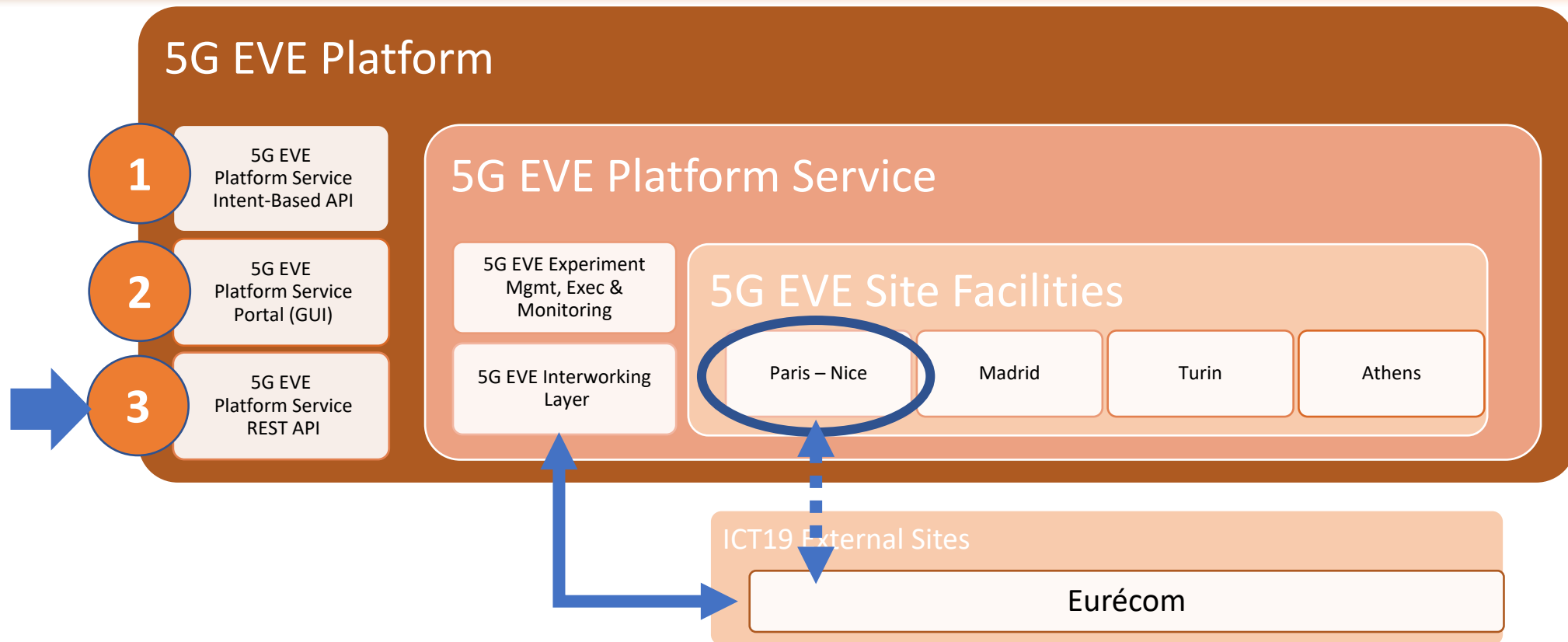
- 5G EVE interworking layer for enabling technical validation campaigns at 5G EVE sites and additional ICT-19 sites

5G-TOURS

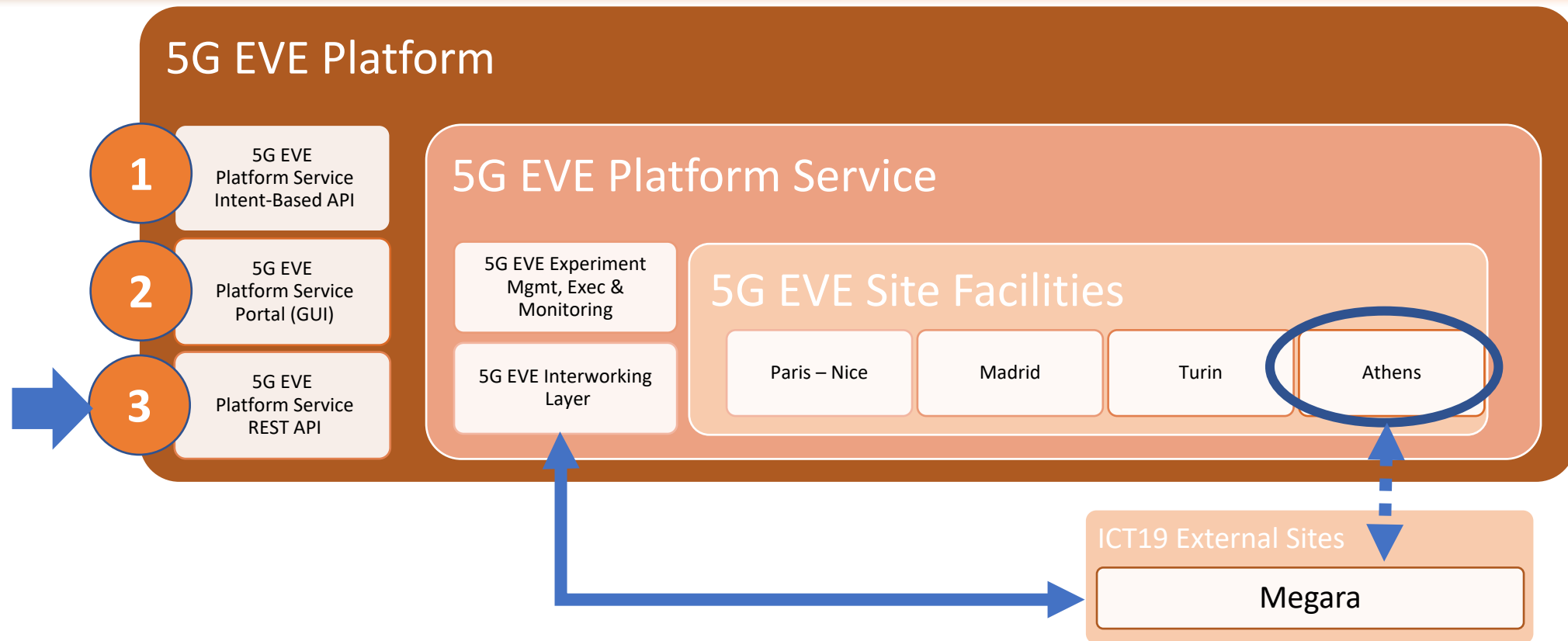


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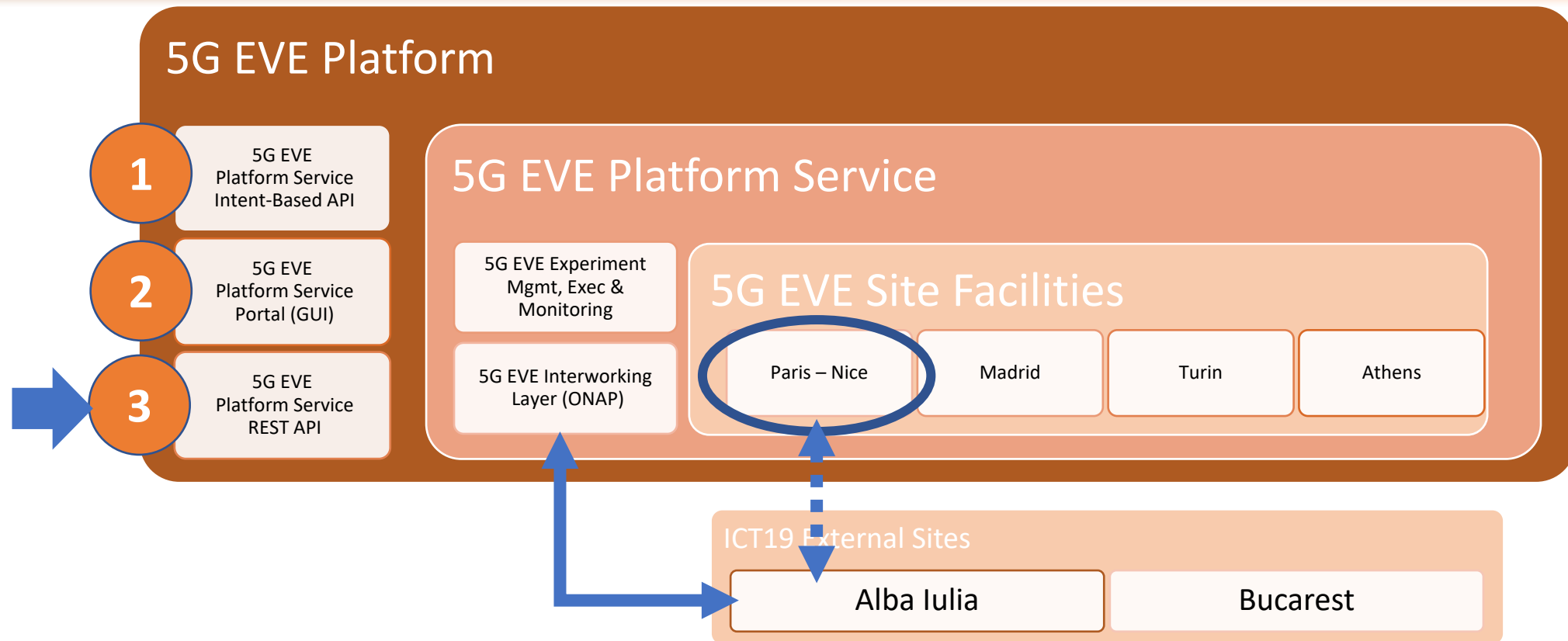




- 5G EVE French sites infrastructure in Eurécom
- Open Source virtualized network infrastructure – Cloud Native solution



- 5G EVE Greek sites infrastructure in Megara (Skironis)
- 5G EVE REST APIs for controlling and consuming metrics and KPIs



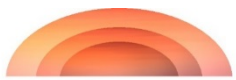
- 5G EVE French sites infrastructure extended to Romania
- Duplicate Open Source French platform in Romania



Thank you!



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