5G PPP Webinar
New 5G Core Technologies
Innovation Projects

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Policy Context

President von der Leyen’s

“it is not too late to achieve technological sovereignty in some critical technology areas”

Commission’s strategy on Shaping Europe’s Digital Future

- Europe should retain its technological and digital sovereignty and be the global digital leader
- European technological sovereignty starts from ensuring the integrity and resilience of our data infrastructure, networks and communications

Commission Communication on a New Industrial Strategy

- Climate neutrality and Digital leadership
- Europe has everything it takes to lead the digital technology race
- We must invest now if we want to be a frontrunner in 6G networks

“The EU will support the development of key enabling technologies that are strategically important for Europe’s industrial future
5G PPP Phase 3 – Call 2020

• Leverage previous results and 5G technologies towards downstream innovation

• Maintain a significant long-term commitment

• Contribute to building a first class European industrial supply side for core 5G technologies

Bridging between 5G, B5G and 6G
From PPP to Smart Networks and Services
Smart Networks and Services partnership

2 Pillars

• **R&I towards 6G** (under Horizon Europe)

• **Strategic Coordination of 5G deployment** (e.g. cross-border corridors under CEF2)

Develop lead markets, Support **technology sovereignty**

Address **Sustainable Development Goals**

Leverage connectivity towards **strategic value chains**, e.g. in the area of cloud, IoT as well as components and devices

Adoption of the regulation establishing JUs and publication of the first SNS Work Programme **estimated before end of 2021**
Innovation Actions

- Support to the emergence of a European offer for new **5G core technologies** at TRL 7 or beyond
- Emphasis on **new types of devices** with 5G connectivity for vertical industry sectors
- Beyond individual components - integration into 5G architecture
- Support to the emergence of new innovative market players
- Pilot validation => providing **opportunities for innovative high-tech start-ups or SME’s**

CSA

- European **roadmap for hardware enabling technologies** supporting European strategic autonomy for connectivity platforms
Thank you

Political guidelines for the next Commission (2019-2024)

Shaping Europe’s digital future

5G Observatory
https://5gobservatory.eu/

Digital Partnerships webpage