



6G SNS

Smart Networks and Services Joint Undertaking

SNS Call 2 Webinar 2/2

Streams C, D, CSA expected outcomes

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Complementary SNS experimental Pan-EU federated Infrastructure

Scope & Orientations:

- Availability of pan-European platforms that can be used to test and experiment candidate 6G technologies, components and architectures
- Capability to support the demonstration and operational validation of the most ambitious use-case scenarios and disaggregated architectures to support AI native 6G services.
- Open, disaggregated, versatile, and unified end-to-end platform operating over multiple interconnected B5G/6G sites in multiple European countries and following where possible open architectures at cloud implementation level, supporting open framework principles
- Significant representation of European players with demonstrated impact at standardisation level

Expected outcome:

- **European federated open platforms** for advanced 6G wireless systems testing and integration within Europe with capability extension towards other testbeds (e.g,. US)
- Support where possible the development of **synergies with Member States or Associated countries 6G platforms**
- Support **integration of key 6G related KDT developments**, though integration of wireless/processing advanced components within the platform
- Complementarity to first SNS call

Large Scale Trials and Pilots with Verticals – Focused topic

Scope & Orientations:

The 5G Advanced / 6G systems validation work through large scale trials

- Address application (use cases), management and societal level
- Address KVIs and new relevant KPIs
- Attract the participation of vertical industries in view of stimulating a strong European participation in standardisation phases
- Dynamise ecosystem by involving SMEs, scaleups and start-ups through open calls (FSTP)

Large Scale Trials and Pilots (LST&Ps) with Verticals

Expected outcomes:

- Further refinement of **sustainable seamless E2E 5G Advanced and 6G test infrastructures** with representative technologies covering the full value chain, including devices, connectivity, and service delivery.
- Use Case Priority 1 – **Connected and automated mobility(CAM)** vertical and intelligent terrestrial transportation.
- Use Case Priority 2 including **Health, Smart Cities, Farming, or Education** (to be considered independently or in combination).
- **Viable business models** for innovative digital use cases
- Involvement of SMEs, scaleups and start-ups through **open calls** (FSTP)

SNS Societal Challenges

Scope & Orientations:

- Address **public policy objectives** as well as existing and future legislation and guidance notably in the area of **societal benefits, security/trust/resilience, sustainability and industrial competitiveness**
- Identify potential non technological roadblocks towards wider **acceptance of 6G technologies**
- **Raise awareness** on the relevant framework taking into account various societal/policy issues
- **Support other EU projects and SNS Working Groups** on the relevant topics

Expected outcome:

- Summary of **positions of stakeholders** on the impact of next generation (6G) technologies on the society and the expected improvements on citizens' everyday life
- **Technology acceptance model/roadmap** building on outputs of relevant projects
- **Explanatory material** (for non-experts)
- General public information **events and publications in non-specialized media**, studies, citizen/end-user panels, **open public debates** with experts
- Development of **sustainability indicators**, building on the Key Value Indicators (KVI)
- Advice for projects and other stakeholders on **how to reflect EU policy objectives** as well as existing and future EU legislation

Stream	Project Name	Project Number	Project Duration	Project Total Costs	Project Requested EU Contribution
C	 6G SUNRISE	101139257	36	13,929,059	13,120,679
D	 6G-Path	101139172	36	15,063,608	13,445,716
D (automotive)	 ENVELOPE	101139048	36	15,743,053	13,499,953
CSA	 6G4SOCIETY	101139070	24	1,536,875	999,625

6G SNS

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