

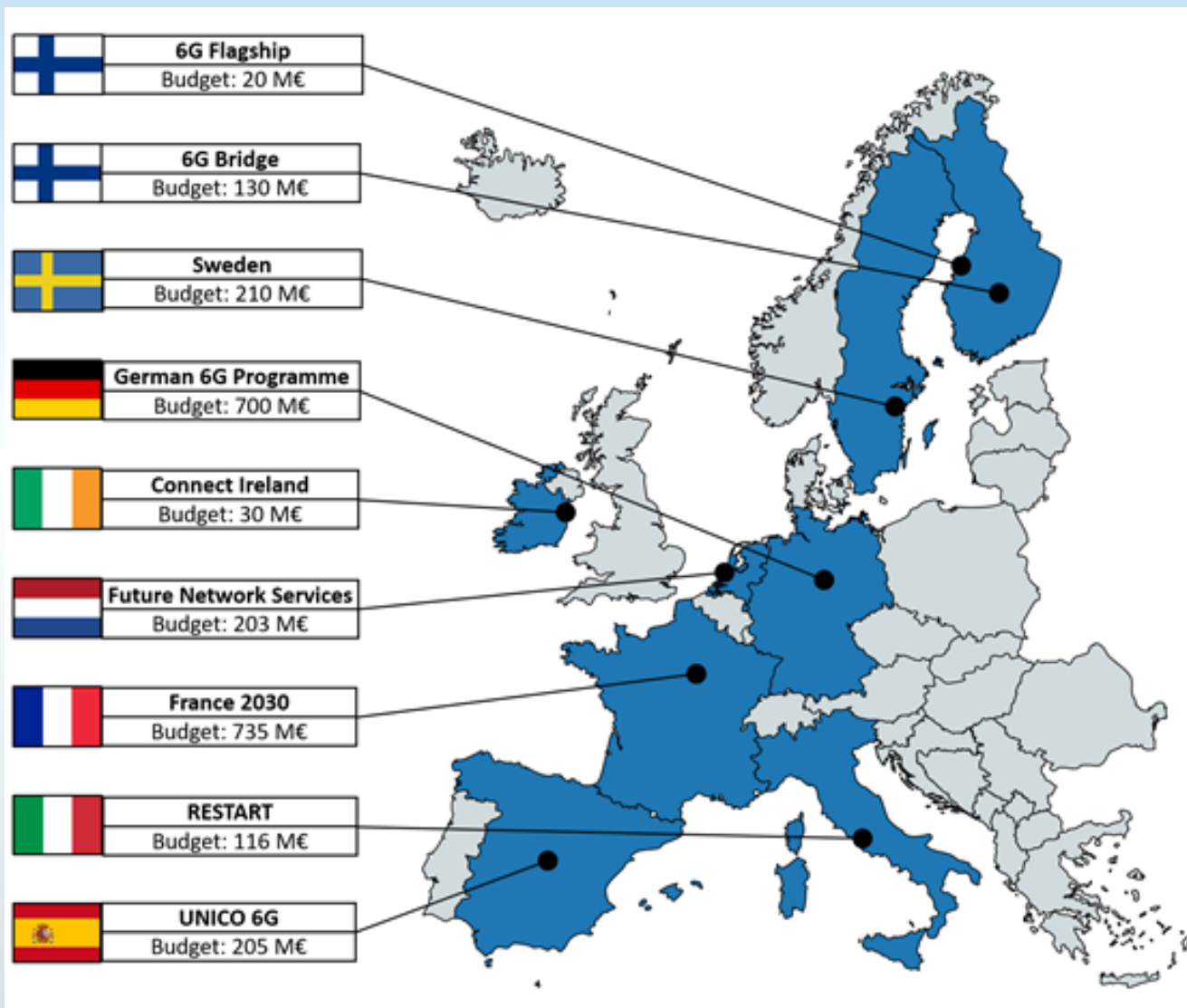
EU Collaboration and National Initiatives

SNS ICE Final Event – Showcasing Key Achievements

Monday 28 April 2025

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Identification of National Initiatives on 6G



- Identified, reported on, and established dialogues with (large) National R&I initiatives in European MS
large : >100 M€
Sweden and Ireland added in later
- Information collected through structured interviews
- Distributed to the State Representative Group
- Paper published on the overview presented at EUCNC 2024

Source: SNS ICE Deliverable D2.1 Identification of European 6G R&I stakeholders and trends

Mapping of the relative importance of research topics

- Overview of the relative importance that each NI assigns to the specific research areas.
- The topics/work areas chosen are inspired by the SNS work programme
- Provides a good understanding of the common themes in all 6G and also helps to study the differences.

Source: SNS ICE Deliverable D2.1 Identification of European 6G R&I stakeholders and trends

Topic	Relative Importance									
	Netherlands	Spain	Italy	France	6G Bridge Finland	6G Flagship Finland	Germany	Sweden Advanced Digitalisation	Sweden Competence Centers	Ireland
5G evolution R&I	-	**	***	***	***	***	**	**	*	*
System network architecture and Control	***	**	***	***	***	***	***	***	***	**
Edge and Ubiquitous computing	**	**	***	***	***	***	***	***	**	***
Radio technology and Signal processing	***	**	***	***	***	***	***	*	***	***
Optical networks	-	**	***	**	-	*	***	-	*	***
Network and Service security	*	**	*	**	***	***	***	**	***	***
Non-terrestrial networks	*	**	***	***	**	*	***	*	*	-
Special purpose networks/sub-networks	*	-	***	***	***	**	***	***	***	**
Opportunities for devices and components	**	-	*	**	*	***	***	*	**	***
Micro-electronics	***	-	*	***	**	***	***	-	***	***
Experimental infrastructure	***	***	***	***	*	***	**	**	**	***
Trials and pilots with verticals	***	-	**	***	***	***	*	***	**	**
Human capital	**	*	*	**	**	-	**	**	***	-
Policy aspects	**	-	*	**	*	***	**	*	**	**

EUCNC & 6G Summit 2023 and 2024

5G Techritory 2023 and 2024





Brainstroming session at the EUCNC & 6G Summit 2023 focusing on identifying goals that can be achieved through European collaboration, and potential ways to achieve identified goals.

The SRG meeting on Standardisation at EUCNC & 6G summit 2024, facilitated by SNS ICE, focused on the importance of standardisation in Europe and featured presentations as well as a panel discussion.



- Online collaboration meetings set-up with NI representatives.
- Started in Sept 2024, every 6 weeks.
- Focus on discussing progress of the work within NIs, different topics of common interest, and specific ways in which NIs seek collaborate.
- Series of webinars being organized to allow the NIs to showcase their achievements and experimentation platforms.

More information on the SNS events page: [SNS JU Events](#)

The Netherlands
Spain
France
Sweden
Italy
Germany
Finland
Ireland

Collaboration with other EU initiatives



1. Roadmaps of the EU NIs and the SNS JU are pretty well aligned, indicating that **potential synergies are possible**.
2. Cloudification of telecommunication networks and the **disaggregated 6G cloud architecture** important for EU NIs and SNS JU.
3. Within the NIs and SNS JU, common prioritized topics include *6G network architecture, Edge and ubiquitous computing, and radio technology research*.
4. Recommendations for SNS work programme 2026 to increase synergies with the NIs:
 - Security - may not be a specific call on security, but security by design in different topics
 - Spectrum and network sharing
 - Services
 - Intelligent agents
5. **More EU and National initiatives** to be included in collaboration meetings and effort to be dedicated to establishing more contacts in SNS CO-OP.

Smart Networks and Services International and
European Cooperation Ecosystem

Thank you for you attention!



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<https://smart-networks.europa.eu/csa-s/#SNS-ICE>



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This project has received funding from the Smart Networks and Services Joint Undertaking (SNS JU) under the European Union's Horizon Europe research and innovation programme under Grant Agreement No 101095841.