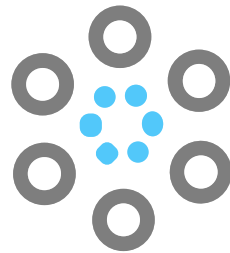




# NEWSLETTER

## ISSUE 10

April – June 2026



# SAFE-6G

A **S**MART AND **A**DAPTIVE **F**RAMWORK FOR **E**NHANCING  
TRUST IN **6G** NETWORKS



**SAFE-6G** 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 101139031



## ISSUE HIGHLIGHTS



- ✓ SAFE-6G PROJECT INTRODUCTION
- ✓ COMMUNICATION & DISSEMINATION ACTIVITIES
- ✓ PERIOD DELIVERABLES
- ✓ SNS JU NEWS



The 10<sup>th</sup> issue of SAFE-6G Newsletter presents the project’s activities during the third period April – June 2026. This specific issue focuses on the dissemination and communication activities of the period, along with SNS JU/6G SNS News, Period and Upcoming Deliverables.

In numbers, the activities of SAFE-6G during this 3-month period are:

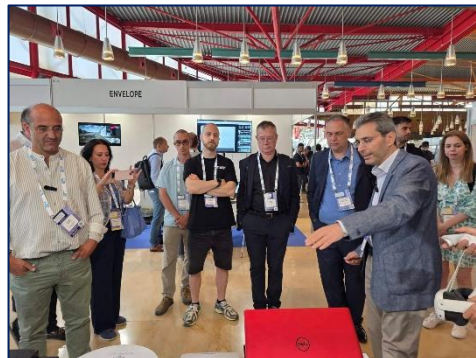
- EuCNC & 6G Summit
- 2** Presentations
- 3 Events
- Plenary Meeting
- SNS JU Technology Board
- 4** Deliverables



## COMMUNICATION & DISSEMINATION ACTIVITIES

### EuCNC & 6G Summit 2026

SAFE-6G had a strong presence at the EuCNC & 6G Summit 2026, held in Málaga, Spain, from 2–5 June 2026, contributing to a wide range of technical workshops, special sessions, panel discussions, demonstrations, and scientific presentations addressing the future of secure, sustainable, and AI-native 6G networks. The project actively contributed to several workshops through presentations delivered by Harilaos Koumaras, covering key topics such as security in 6G networks, AI-native data platforms, DataOps and MLOps frameworks, dataset generation and curation, operational sustainability, and the convergence of research, software, and standardization towards AI-native network architectures. SAFE-6G also presented its latest research results through the paper entitled “An Open-Source CAMARA UE Location API Implementation over 3GPP NEF for AI-Native Crowd Assessment in 6G Networks”, highlighting innovative approaches for leveraging network exposure capabilities in future intelligent communication systems. Beyond technical presentations, SAFE-6G participated in several high-level discussions and special sessions, including The SME Factor in Europe’s Sovereignty, The Value Approach of 6G: The Role of Key Value Indicators in Design and Societal Impact, and Architecture Advancements towards 6G: Pre-Standardization, Key Technology Enablers, and Facing Challenges. These sessions provided valuable opportunities to exchange insights with industry leaders, researchers, policymakers, and standardization experts shaping the future European 6G ecosystem. Visitors also had the opportunity to engage directly with the project team at the SAFE-6G exhibition booth (#62), where live demonstrations showcased the project’s latest innovations and technological achievements. The event provided an excellent platform to disseminate SAFE-6G results, strengthen collaboration with the wider research and innovation community, and contribute to ongoing discussions on secure, sustainable, and AI-native 6G networks.



## Open Community Experience (OCX) 2026

The Open Community Experience (OCX) 2026 is the Eclipse Foundation's flagship open-source conference, bringing together developers, researchers, industry leaders, policymakers, and EU-funded projects to explore the latest advancements in open-source technologies. Held in Brussels, the event features dedicated tracks on AI, cloud and edge computing, automotive, compliance, developer tooling, and research, fostering collaboration between academia, industry, and open-source communities. As a key platform for showcasing innovative European research, OCX 2026 highlights how open-source ecosystems accelerate the development of secure, interoperable, and trustworthy digital technologies. SAFE-6G's presence at the Eclipse booth demonstrates the project's commitment to leveraging Eclipse aeriOS and open-source innovation to advance resilient, secure, and trustworthy 6G systems while strengthening collaboration across Europe's research and innovation landscape.



## SAFE-6G Highlights the Evolution of the B5G Athens Platform

Our Technical Manager took part in the 6G-VERSUS field trials, where he presented the B5G Athens experimentation platform and its strategic role in advancing next-generation connectivity research. During his presentation, he showcased the platform's capabilities for testing and validating Beyond 5G and emerging 6G technologies in real-world environments, while highlighting how SAFE-6G is building on this infrastructure to drive the evolution of secure, trustworthy, and resilient 6G networks. The session emphasized the project's contribution to strengthening the 6G ecosystem by enabling innovative experimentation, fostering collaboration among research and industry stakeholders, and accelerating the development of future communication technologies.



## Cognitive Coordinator Poster Session

Earlier this month, researchers and visitors at NCSR "Demokritos" had the opportunity to explore the Cognitive Coordinator poster and learn more about the project's vision, objectives, and latest developments. The poster sparked engaging discussions around the role of intelligent network coordination in enabling secure, adaptive, and resilient next-generation communication systems.



## Publications

### "AI-Driven Reliability in 6G Networks: Enhancing QoE of Real-World Video Streaming" Journal paper

This paper advances user-centric Artificial Intelligence (AI) frameworks for reliability in fifth generation and beyond (5G) networks by examining their use in high-demand services such as video streaming. The proposed framework can leverage multi-layer monitoring across the edge–cloud continuum, application-layer metrics, and 5G core performance data to evaluate reliability through Quality of Experience (QoE) optimization. Results demonstrate that improved frame delivery can be achieved via dynamic resource prediction and proactive resource allocation. The study validates the framework's scalability in dynamic workload conditions, emphasizing its role in mission-critical video services.



Find more information here: <https://www.mdpi.com/2673-4001/7/2/35>

## **SMEs' Role in European Innovation: Framework Recommendations to Enable Better SME Contributions in FP10**

As Europe enters the design phase of the 10th Framework Programme (FP10), the decisions made on funding, governance, evaluation criteria, eligibility rules, and consortium structures will shape the future of European research and innovation (R&I). For small and medium-sized enterprises (SMEs), these decisions are critical, determining whether they remain peripheral participants or become key contributors to Europe's technological leadership. This Position Paper presents the strategic perspective of the NetworldEurope SME Working Group, translating SMEs' collective experience into practical, policy-oriented recommendations for a more inclusive, agile, and innovation-driven FP10.

Drawing on SMEs' experiences within Horizon Europe and the Smart Networks and Services Joint Undertaking (SNS JU), the paper examines the current R&I landscape, identifies persistent barriers to SME participation, and highlights strategic opportunities in areas such as 6G and Artificial Intelligence. It also provides evidence-based recommendations to the European Commission, the SNS JU, the 6G Industry Association (6G-IA), and the broader NetworldEurope community. The analysis is informed by SME participation data from the 2023–2025 SNS JU calls, annual SME consultations, working group discussions, and key policy documents, including the Draghi Report, with the aim of supporting the development of FP10 as a framework that enables SMEs to become central pillars of European innovation.



## 8<sup>th</sup> Plenary Meeting

Take a glimpse into the highlights of the 8th SAFE-6G Plenary Meeting in Bordeaux, where project partners gathered to review the latest technical achievements, share progress across work packages, and strengthen collaboration as the project enters its final phase. The meeting provided an important opportunity to align upcoming milestones, validate key developments, and coordinate the final activities that will contribute to delivering secure, trustworthy, and resilient 6G solutions. Together, the consortium continues to drive innovation and shape the future of next-generation connectivity.



## SNS JU Technology Board

SAFE-6G was represented by our Technical Manager, Harilaos Koumaras, at the recent Smart Networks and Services Joint Undertaking (SNS JU) Steering Board and Technical Board meetings held in Thessaloniki. The meetings brought together leading representatives from industry, academia, and the European research community to discuss the progress and latest developments of the SNS JU programme, define strategic priorities for its upcoming implementation phases, and explore the future direction of Europe's 6G research and innovation ecosystem. The event provided a valuable forum for strengthening collaboration, exchanging expertise, and contributing to the continued advancement of the European Smart Networks and Services community.



## SNS JU NEWSFLASH/NEWSLETTER

- ✓ [SNS JU Newsletter \(April 2026\)](#)
- ✓ [SNS JU Newsflash \(April 2026\)](#)
- ✓ [SNSJU Newsflash \(May 2026\)](#)
- ✓ [SNSJU Newsflash \(June 2026\)](#)



## PERIOD & UPCOMING DELIVERABLES

D3.2 Cloud continuum, service mesh and resource orchestration – M30 (PUB)

D3.3 User-centric Distributed 6G Core – M33 (PUB)

D3.4 Infrastructure openness, monitoring and programmability – M30 (PUB)

D3.5 MLOps for User-centric 6G System with differential privacy – M30 (PUB)

You can find all the Deliverables here => <https://safe-6g.eu/deliverables//>

**Disclaimer:** Views and opinions expressed are those of the author(s) only and do not necessarily reflect those of the European Union or the European Commission (granting authority). Neither the European Union nor the granting authority can be held responsible for them.

**Call:** Reliable Services and Smart Security  
**Topic:** HORIZON-JU-SNS-2023-STREAM-B-01-04  
**Type of action:** RIA  
**Duration:** 36 months  
**Start date:** 1 January 2024

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