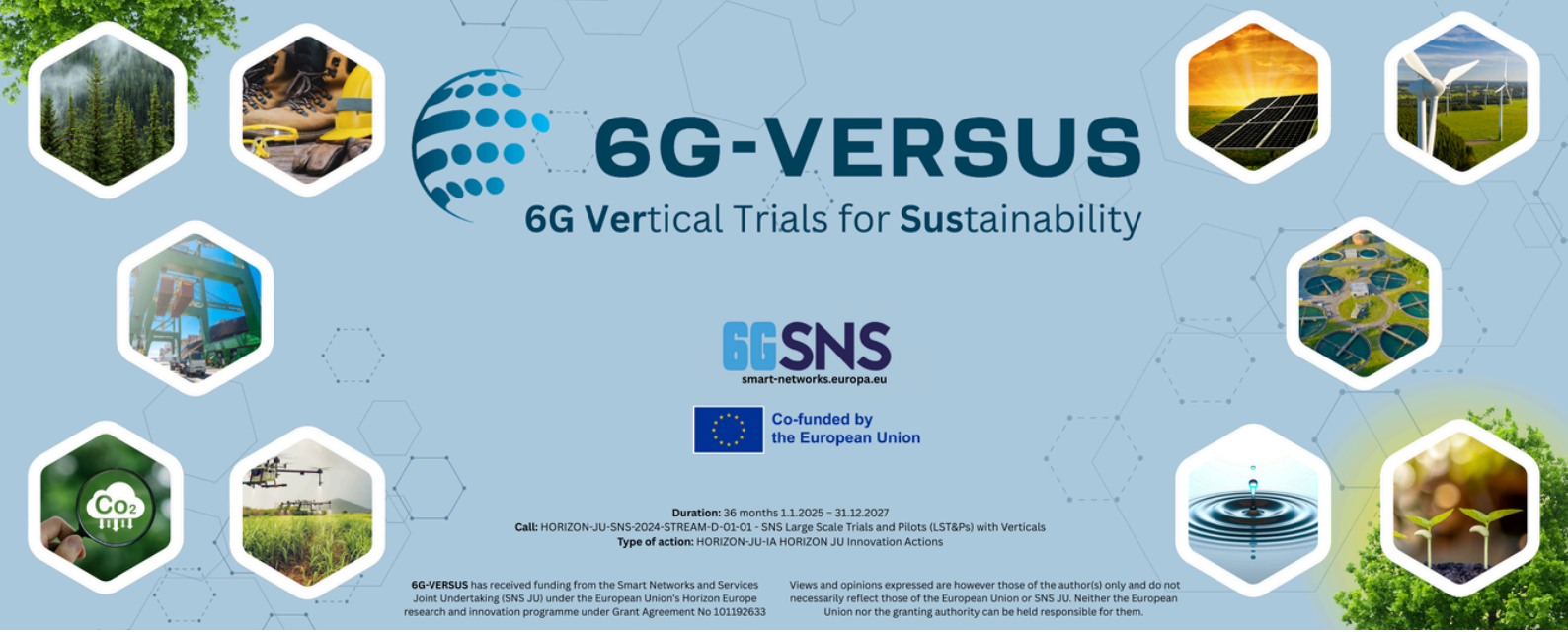

PRESS RELEASE

20 May 2026

6G-VERSUS Returns to the EuCNC 2026 & 6G Summit with a Demo Booth, Workshops & Scientific Contributions

The 6G-VERSUS project is pleased to announce its presence at the upcoming EuCNC 2026 & 6G Summit, featuring a dedicated demo booth, live demonstrations, workshops, a poster session, and scientific contributions that showcase the project's latest advances in 6G technologies and vertical use case experimentation.

6G-VERSUS Demo Booth #123

At the 6G-VERSUS demo booth, visitors will have the opportunity to explore cutting-edge applications developed within the project through a series of interactive demonstrations:

Immersive Driving Demo

This demo showcases an immersive teleoperation system for agricultural monitoring. A small wheeled robotic platform equipped with two 180 degrees cameras, onboard audio, and a bidirectional communication system enables real-time remote control of an AGV for sample collection and crop analysis. The system leverages low-latency connectivity and immersive interfaces to enhance situational awareness and precision in complex agricultural environments, supporting more efficient and sustainable farming practices.

Mobitrust – Portuguese Environmental Monitoring Scenario

This demo presents the implementation of the 6G-VERSUS architectural "triplet" concept through the Mobitrust platform. It integrates a Vertical Application (V-App) and an AI application for real-time environmental monitoring. Using live video streams from field devices such as RC boats, drones, and bodycams, the system enables edge-based intelligence for water-surface monitoring and litter detection. AI-driven analysis is visualized in real time via the Mobitrust dashboard, demonstrating how distributed intelligence and service orchestration can support scalable environmental monitoring in 6G systems.

Energy Balancing Simulation

This simulation-based demo focuses on the energy modeling of a self-sustainable base station. It addresses scenarios where electrical grid access is unavailable, such as remote forests or mountainous areas. The study evaluates how renewable energy sources (solar, wind, hydrogen) can support an Open Radio Access Network (O-RAN) base station under varying weather conditions, including extreme environments such as Northern Finland. The results illustrate how different energy configurations can ensure year-round sustainable connectivity.

La Mayora Site Demo

As part of the EuCNC & 6G Summit 2026, on the 2nd of June, participants are invited to a unique technical visit to the CSIC La Mayora Experimental Station, a leading European research center specializing in subtropical crops such as mango and avocado. The visit will showcase how cutting-edge mobile technologies are being applied in real-world agricultural environments through innovative projects like 6G-PATH and 6G-VERSUS, enabling smarter and more sustainable farming practices. The programme includes a guided tour of the facilities, presentations by experts, and a networking session, offering attendees a rare opportunity to experience the intersection of next-generation connectivity and precision agriculture in one of Europe's most distinctive research settings. If interested in securing a spot, please sign up using the registration form in this link.:

Workshops

The 6G-VERSUS consortium will also contribute to three high-impact workshops:

- **Workshop 8: Sustainability in 6G: E2E integration and assessment** - Tuesday, 2 June 2026, 9:00-12:30, room M6 - The workshop is co-organised by SUSTAIN-6G and other projects under the umbrella of Sustainability WG including 6G-VERSUS.
- **Workshop 11: Sustainable by Design, Sustainable in Operation: The 6G Perspective** - Tuesday, 2 June 2026, 14:00 – 17:30, room M6 - The workshop has contributions from 12 SNS projects, supported and endorsed by SNS JU Sustainability Working Group
- **Workshop 14: Large-Scale Trials and Pilots: The Pathway from SNS JU Call 1 to R&I Work programe 2027** - Tuesday, 2 June 2026, 14:00-17:30, room C2.2 - The workshop is co-organised by the SNS CO-OP Coordination and Support Action together with selected SNS Stream D projects - 6G-VERSUS, AMAZING-6G and ENVELOPE

6G-VERSUS will also present its research and trials outcomes through:

- **Conference Paper:** Energy Modeling of a Self-Sustainable Base Station – will be presented during NVS – Next-generation Visions and Sustainability
- **Poster Session** - *AI-Driven Energy-Aware Dynamic QoS Management for 6G IoT*: *A Proof of Concept of the 6G-VERSUS Triplet in Port Environmental Monitoring* – Wednesday, 3 June 2026, 14:30 – 15:00 (6th paper), Salla de exposiciones 1
- **Special Session 9: Architecture Advancements towards 6G: Pre-Standardization, Key Technology Enablers, and Facing Challenges -** Friday, 5 June 2026, 9:00-10:30, room Sala de Conferencias 2 - 6G-VERSUS participates with a presentation at session *'Agentic AI Framework for 6G'.*

These contributions highlight the project's work on sustainable network design, energy efficiency, and advanced trial-based validation across European testbeds.

We invite you to visit our YouTube Channel - https://www.youtube.com/@6G-VERSUS