



6G-VERSUS

NEWSLETTER

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6G Vertical Trials for Sustainability



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6G SNS

Communication & Dissemination Activities

6G-VERSUS at IEEE NetSoft 2026

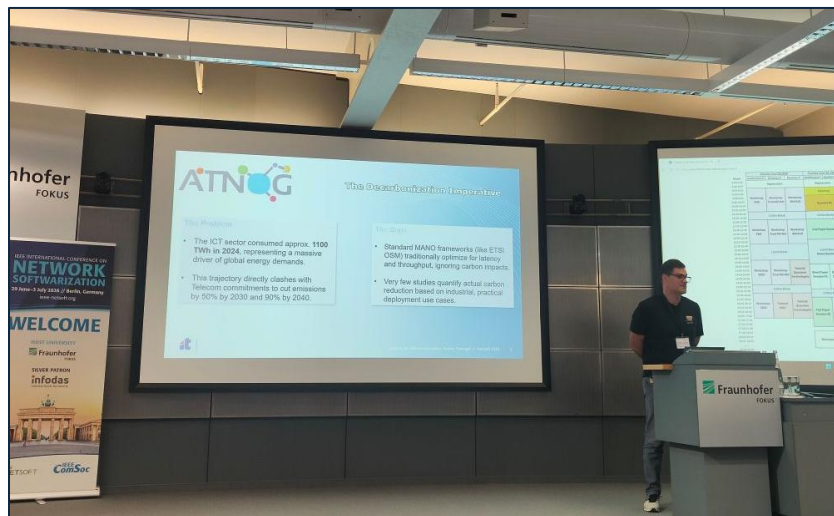
On 1 July 2026, Daniel Corujo from Instituto de Telecomunicações presented a research paper supported by 6G-VERSUS at IEEE NetSoft 2026, during the session “*Programmable Network Services and Specialized Infrastructures.*”

The work validated two carbon-aware orchestration mechanisms within ETSI’s Open-Source MANO (OSM) platform: adjusting service performance to save energy and selecting infrastructure configurations with a lower carbon footprint.

Tested on an Automated License Plate Recognition (ALPR) pipeline for the project’s [Portuguese maritime port pilot](#), the mechanisms achieved a 47.3% reduction in daily operational carbon emissions while maintaining service requirements.

You may read the paper ‘*Validating Sustainability in Open-Source MANO: A Use Case for Maritime Port Video Analysis*’ [here](#).

[Read the full news on our website](#)



 Event - <https://netsoft2026.ieee-netsoft.org/>

6G-VERSUS at the 61st NCSR “Demokritos” Summer School

On 7 July 2026, 6G-VERSUS was presented at the **61st Summer School** of NCSR “Demokritos”, during the thematic session *“Telecommunications, 6G & Networks.”* Dr. Harilaos Koumaras and George Makropoulos, from the Institute of Informatics & Telecommunications (IIT) of NCSR “Demokritos”, delivered a presentation entitled *“Combining 6G Networks and Artificial Intelligence in Search and Rescue Pilot Applications.”*

Drawing on the 6G-VERSUS Greek Pilot, the presentation explored how 6G connectivity and AI can support advanced Search and Rescue (SAR) operations, enhancing situational awareness, coordination and operational capabilities in challenging emergency scenarios.

Held at the Central Amphitheatre of NCSR “Demokritos”, the session introduced students, young researchers and the wider scientific community to the project’s vision and practical experimentation activities.



 Event - Greek eyes: <https://summerschool.demokritos.gr/>

6G-VERSUS Showcases Its Sustainability Vision at EKC 2026

6G-VERSUS project was introduced in the Europe-Korea Conference on Science and Technology (EKC 2026), held on 20–23 July 2026 in Toulouse, France, through contributions from Kingston University London and the University of Bradford.

During **ETRI Special Session, “Beyond Connectivity – Advancing 6G through Sustainability and Innovation,”** organised by the **Electronics and Telecommunications Research Institute (ETRI)** Prof. Youngseok Choi presented the project’s approach to combining Key Performance Indicators (KPIs) with Key Value Indicators (KVIs), while Dr. Kamran Mahroof highlighted its broader sustainability assessment framework during the session **“Data Analytics for Societal Challenges: Bridging Computational and Social Science.”**

Together, the presentations demonstrated how 6G-VERSUS evaluates the environmental, societal and economic impact of 6G technologies, encouraging knowledge exchange between European and Korean researchers.

[Read the full news article on our website](#)



 Event - <https://www.ekc2026.org/>

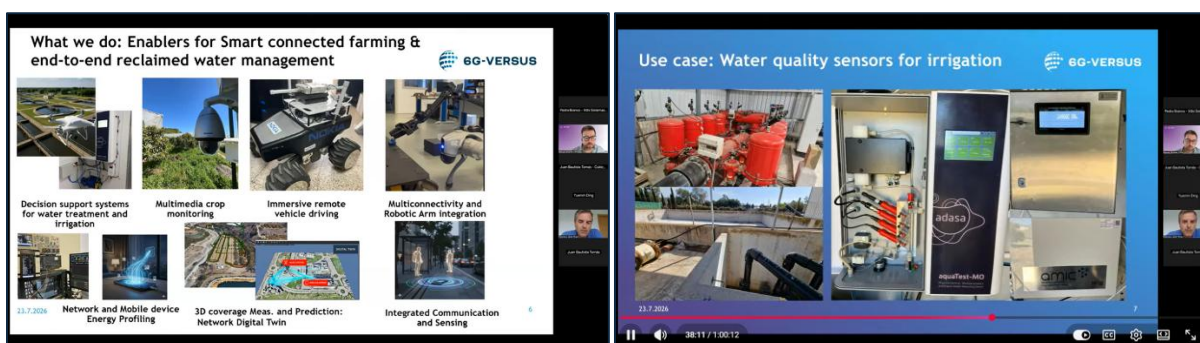


6G-VERSUS at the 6G-PATH Webinar on Farming & Smart Agriculture

On 23 July 2026, Francisco Javier Rivas from the University of Málaga presented the 6G-VERSUS Spanish Pilot at the 6G-PATH webinar on Farming & Smart Agriculture.

Alongside the 6G-PATH sub-granted projects AgriNEXT, 6GAnywhere and PITANCE, the session explored how next-generation networks, intelligent systems and data-driven solutions can support the digital transformation of agriculture.

Watch the full webinar recording on YouTube [here](#)



6G-VERSUS Research Recognised at AMCIS 2026



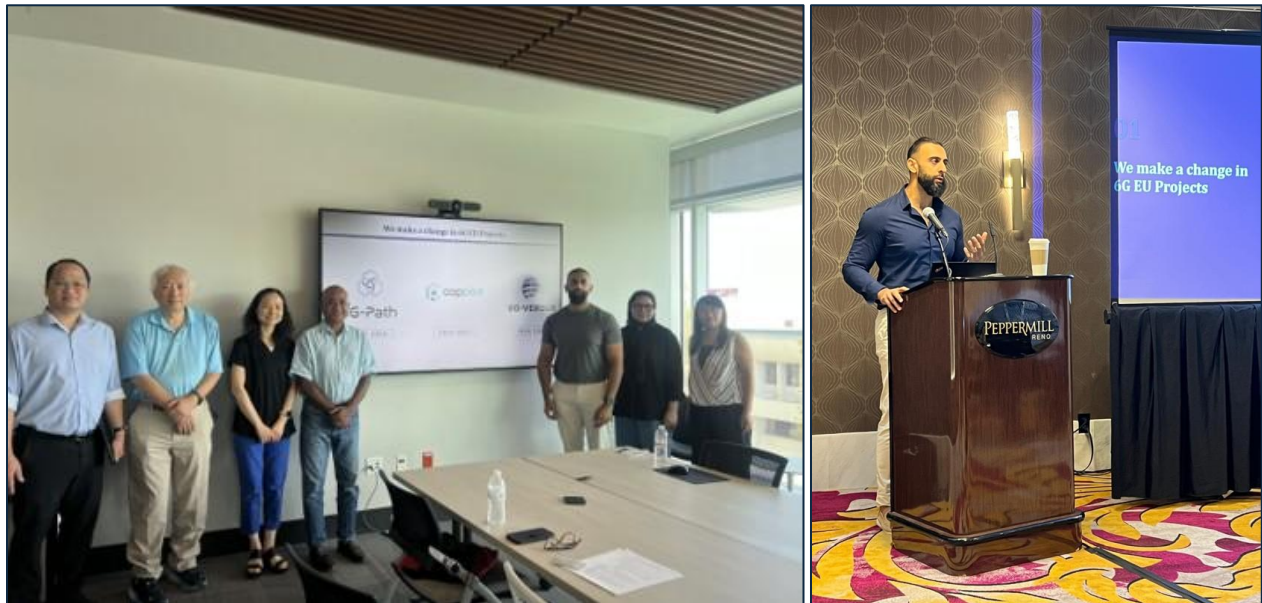
On 20–22 August 2026, the University of Bradford and Kingston University London presented their paper, “*Civic-Integrated Sustainability Assessment of Sixth Generation Technology Innovation: Case of the 6G VERSUS,*” at the Americas Conference on Information Systems (AMCIS 2026) in Nevada, USA.

Presented by Dr. Kamran Mahroof, the paper was selected among the top 25% of conference papers. It explores how civic perspectives and participation can strengthen inclusive, responsible and sustainability-oriented assessment of 6G innovation.

The University of Bradford also held workshops at the University of Nevada, Reno, and the University of Nevada, Las Vegas, gathering international academic feedback to help refine the sustainability assessment frameworks developed through 6G projects.

[Read the full news on our website](#)

You may ready the paper [here](#) or https://aisel.aisnet.org/amcis2026/iir_dpi/iir_dpi/1/



 Event - <https://amcis2026.aisconferences.org/>

6G-VERSUS at Euro-Par 2026

On 24 August 2026, Dr. Kostas Manousakis from KIOS Research and Innovation Center of Excellence presented work supported by 6G-VERSUS at the Robotic Systems in the Edge–Cloud Continuum (RISE) Workshop, held within Euro-Par 2026 in Pisa, Italy.

During the workshop, Dr. Manousakis presented work supported by the 6G-VERSUS project, focusing on cost-aware O-RAN and transport-network planning for robotic services. The work considers the heterogeneous bandwidth and latency requirements of robotic control and perception traffic, exploring how communication networks can be efficiently planned while reducing costs and ensuring the required network performance.

The topic is closely aligned with **6G-VERSUS activities on 6G-enabled vertical applications and collaborative robotics**, contributing to the project's broader vision of supporting advanced vertical use cases through next-generation communication infrastructures.



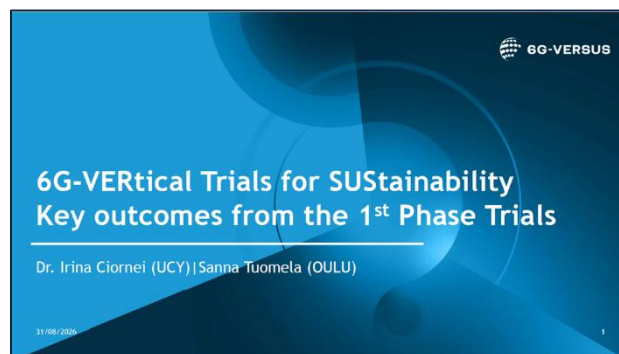
🔗 Event - <https://2026.euro-par.org/> , <https://rise-workshop.github.io/>

6G-VERSUS Shares Key Outcomes from its First Phase of Trials at the SNS JU/6G-IA Trials WG

On 31 August 2026, Dr. Irina Ciornei from the University of Cyprus (UCY) presented key outcomes from the first phase of 6G-VERSUS trials during the SNS JU/6G-IA Trials Working Group meeting.

The presentation, entitled “Key Outcomes from the 1st Phase Trials,” provided an overview of the 6G-VERSUS approach to sustainability and shared results and lessons learnt from the project's first phase of experimentation. The presentation covered how sustainability impact is created and assessed within the project's

vertical trials, as well as the evidence gathered through KPIs, KVs, telemetry and stakeholder feedback.



A central focus was the experience gained across the project's six large-scale end-to-end pilots, addressing five vertical domains and seven real-life sustainability use cases. These include renewable energy systems in Finland and Bulgaria, collaborative robotics for search and rescue in Greece, smart agriculture in Spain, sustainable and safe port infrastructures in Portugal, and water management in France. The first phase generated important lessons for the project's next steps. The results also reinforced the importance of combining technical performance measurements with stakeholder feedback and of co-designing communication, energy and vertical systems to maximise sustainability gains.

Through its participation in the SNS JU/6G-IA Trials Working Group, 6G-VERSUS continues to share its trial experiences and lessons learnt with the wider European 6G community, contributing practical evidence on how next-generation connectivity can support more sustainable vertical industries.

You may read Irina's presentation [here](#).

You may read the 6G-IA White Paper '*Large-Scale Trials in SNS JU Projects Technical Insights*' [here](#).



6G-VERSUS at IEEE CSCN 2026

Together with **6G-PATH**, **PIONEERS-6G**, **PAISES-6G** and **PROSPERO**, **6G-VERSUS** technically co-sponsored **Special Session 4, “AI-Nativeness for 6G: Architectures and Technologies,”** at **IEEE CSCN 2026** in London, UK.

Prof. Vishanth Weerakkody from the University of Bradford represented both 6G-VERSUS and 6G-PATH projects contributing to discussions on the evolution towards AI-native 6G networks.



🔗 Event <https://cscn2026.ieee-cscn.org/> , <https://cscn2026.ieee-cscn.org/authors/call-workshop-and-special-session-papers>

6G VERSUS at British Academy of Management Conference 2026

On 9 September 2026, Dr. Shanaka Perera presented research from the University of Bradford and Kingston University London at the British Academy of Management (BAM) 2026 Conference, under the track “Project Experiences: Digitalisation and Digital Transformation in Projects.”

The paper, “*Impact Evaluation in 6G Vertical Trials: Integrating Key Value Indicators for Sustainability Assessment*,” explores how Key Value Indicators (KVIs) can complement traditional performance measures to assess the broader environmental, social, organisational and societal impact of 6G-VERSUS vertical trials.



Key contributions of the research:

- **Moving beyond traditional KPIs** - exploring how Key Value Indicators can capture broader dimensions of value and impact.
- **Strengthening sustainability assessment** - supporting a more holistic understanding of the sustainability implications of 6G innovations.
- **Capturing wider societal value** - recognising that successful technology innovation should create value not only for organisations, but also for communities, citizens and society.
- **Supporting impact-driven innovation** - providing insights that can help guide the evaluation of emerging technologies through both performance and value perspectives.
- **Informing future 6G vertical trials** - contributing to more comprehensive approaches for evaluating the real-world impacts of next-generation connectivity.

The paper was **well received at BAM 2026**, providing a valuable opportunity to engage with researchers and practitioners working across **digitalisation, digital transformation, projects and innovation**.

 Event- <https://www.bam.ac.uk/events-landing/2026-conference/programme.html>

Journal Papers on Computer Communications and Kosmos Publishers

We are pleased to share two new journal papers contributing to key areas addressed by the project; Search and Rescue operations and energy-efficient next-generation networks.

1. H. Georgiou, A. Vlachopoulos & A. Andriopoulou explore the assessment of UAV, UGV and field communication assets in multi-aspect Search and Rescue operations.
2. H. Sun, A. Díaz Zayas, J. Rivas & G. Corrales Madueño provide a comprehensive survey of energy efficiency in next-generation Open RAN, supporting the transition towards greener communication networks.

You may read them here: <https://6g-versus.eu/publications/>

The 6G-VERSUS Venture Accelerator Officially Kicked Off

The 6G-VERSUS Venture Accelerator is officially underway! Following a vibrant kick-off meeting attended by more than 55 participants, we are delighted to welcome 25 European start-ups and SMEs to our ten-week acceleration programme. Through technical and business workshops, mentoring, access to pilot environments and investor-readiness support, participants will advance innovative ideas that harness 6G technologies to create more sustainable solutions.



Read the full Press Release [here](#).

Upcoming Events

6G-VERSUS at IEEE CloudNet 2026

6G-VERSUS technically supports the **3rd ATHENA Workshop**, taking place on 19 October 2026 within IEEE CloudNet 2026 in Athens, Greece, alongside SAFE-6G, ELASTIC, O-CEI, ENVELOPE, SUNRISE-6G, DeepTechSeeds and ANTIDOTE.

The project will contribute two accepted papers from NCSR ‘Demokritos, OTE, INFOLYSiS and University of Cyprus:

- **“Realizing AI-Native Services through the 6G-Application Paradigm”**
- **“Neural Radio Fields: Learning Continuous 3D Radio Maps for 6G Networks”**
- **“An OpenAirInterface-Based 5G Testbed for Smart-Grid Wide-Area Monitoring, Control, and Cross-Domain Observability”**

The workshop focuses on advanced 6G infrastructures, AI-driven network automation and the IoT-edge–cloud continuum.

🔗 Event - <https://cloudnet2026.ieee-cloudnet.org/> and <https://cloudnet2026.ieee-cloudnet.org/technical-program>

6G-VERSUS at Techritory 2026

6G-VERSUS will participate in “6G Trials for Resilient Europe: From SNS Pilots to FP10 Pre-deployment,” organised by the 6G-IA and the SNS CO-OP project at Techritory 2026, on 21 October 2026 in Riga, Latvia. Dr. Xenofon Vasilakos, the project’s Technical Manager, from the Institute of Communication and Computer Systems (ICCS), will present “Towards Resilient 6G Networks: Evidence and Lessons from the 6G-VERSUS Trials and Pilots.” The presentation will share evidence and lessons from the project’s experimentation activities, contributing to discussions on how 6G trials can strengthen Europe’s resilience and pave the way for future deployment.

🔗 Event - <https://www.techritory.com/> and <https://www.techritory.com/6g-trials-for-resilient-europe/>

6G-VERSUS Research at IEEE ICECS 2026

Institute of Communication and Computer Systems (ICCS) plans to present the paper “6G VERTICAL trials for SUSTainability: towards a Greek pilot utilizing Energy-Efficiency-as-a-Service” at the IEEE International Conference on Electronics, Circuits and Systems (ICECS) 2026 which will be held in Thessaloniki, Greece on 8-11 November 2026. The contribution will focus on Energy-Efficiency-as-a-Service within the 6G-VERSUS Greek Pilot, supporting the project’s research into more sustainable 6G-enabled vertical applications.

🔗 Event - <https://www.icecs2026.gr/>

6G-VERSUS at Web Summit 2026

6G-VERSUS will participate in Web Summit 2026, taking place in Lisbon from 9–12 November 2026, through Instituto Pedro Nunes (IPN), which will exhibit at the GO Coimbra stand in Pavilion 4. During the event, 6G-VERSUS will host a dedicated session for startups, showcasing the project's pilots and highlighting its training, accelerator and scale-up activities.

 Event - <https://websummit.com/web-summit-2026/>

Inside the 6G-VERSUS Pilots: Innovation for a Better Tomorrow

The 6G-VERSUS video series showcases the six 6G Pilots, bringing their vision closer to a wider audience, both technical and non-technical. Through these videos, we aim to clearly explain what each pilot seeks to achieve, why 6G matters, and how it can shape a more sustainable future. Beyond technological innovation, the series highlights the broader environmental, societal, and economic impacts of 6G, illustrating its potential to drive meaningful change across multiple dimensions of our lives.



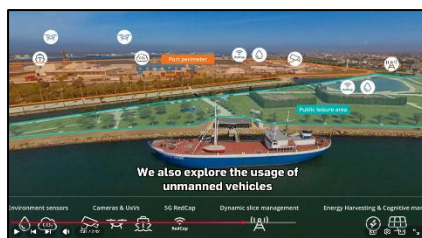
[BULGARIAN PILOT](#)



[SPANISH PILOT](#)



[FRENCH PILOT](#)



[PORTUGUESE PILOT](#)



[GREEK PILOT](#)



[FINNISH PILOT](#)

YouTube - DIVE Into our 6G Pilots:



<https://www.youtube.com/@6G-VERSUS/playlists>

Period and Upcoming Deliverables



D2.2 Platform architecture and use case requirements-Final – October 2026 – Public
D6.1 Sustainability and Circularity impact assessment – Initial – December 2026 – Public

<https://6g-versus.eu/deliverables/>

SNS JU Newsflash/Newsletter

- [SNS JU Newsflash \(July 2026\)](#)
- [SNS JU Newsflash \(August 2026\)](#)
- [SNS JU Newsflash \(September 2026\)](#)
- [SNS JU Newsletter \(August 2026\)](#)

Visit our website for more information on our project

<https://6g-versus.eu/>



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