

NEWSLETTER 7



SNS ICE is the de facto ambassador of the SNS JU, and aims to support an aligned 6G Ecosystem in Europe and beyond to create a collaborative environment for European and global stakeholders involved in the preparation of smart networks and services.

This newsletter highlights the strategic participation in the last quarter of 2024, presenting participations in impactful events, including the Global 6G Symposium, the EU-Taiwan Joint 6G SNS Workshop , Brooklyn 6G Summit, 5G Techritory 2024, ETSI: Software and Standards for Smart Networks & Services and more. SNS ICE showcased the actions and future plans of the SNS-JU program and the vision of European 6G research on the global forums with the goal to build valuable connections and potential collaborations with key stakeholders for the development of sustainable 6G technology.

Thanks to the SNS ICE organized Vertical Trends Survey, the SNS JU Vertical Engagement Tracker currently includes 247 use cases from 52 SNS-funded projects covering various vertical sectors such as Industry 4.0, Smart Cities, Smart Health, Automotive, Media/Entertainment, and Security/Public Protection and Disaster Relief (PPDR). This Verticals Cartography tracks the progress in developing 6G technology enablers and applications across diverse market segments.

Stay informed, inspired, and aligned with the future of connectivity and know the priorities on the development and deployment of 6G via the episodes of SNS ICE podcasts.

CONSORTIUM



SNS ICE project has been operational since 1/1/2023 and all 9 partners have been actively engaged with the project activities, working together towards the common goal of the project to become the International, European and Vertical-oriented ambassador of the SNS JU programme.

PROJECT HIGHLIGHTS OF Q4 2024

- **European activities presented at 6G Forum: The next step will 6G deliver**
- **EU-Taiwan Joint 6G SNS Workshop**
- **SNS ICE presents at 'Global 6G Symposium' / India Mobile Congress (IMC) 2024**
- **2024 Brooklyn 6G Summit**
- **SNS ICE takes center stage at 5G Techritory 2024**
- **SNS ICE showcases SNS JU activities at Global 6G Development Conference**
- **ETSI: Software and Standards for Smart Networks & Services**
- **SNS organized Webinar on "Automotive, Transport & Logistics Solutions"**
- **SNS ICE at the 6G Evolution Summit**
- **SNS ICE organizes a webinar on "How Digital Innovation Hubs (DIHs) could cooperate with Technology providers" ?**
- **SNS ICE joins UKTIN International & Horizon Engagement Conference**
- **SNS ICE participates in workshop organized by 5G-ROUTES project**

EUROPEAN ACTIVITIES PRESENTED AT 6G FORUM: THE NEXT STEP WILL 6G DELIVER

The 6G Forum 2024 event held on October 1st was a mix of panel discussions, presentations and interviews that provided deep insights into the future of wireless technology.

From the project SNS ICE, Alexandros Kalokylos (Executive Director, 6G-IA) participated in the panel on "the 6G vision both in US and EU". He presented the European activities for 6G Networks (i.e. in the context of the SNS JU), and highlighted the key European technological priorities and what are the envisioned challenges for the success of 6G.



EU - TAIWAN JOINT 6G SNS WORKSHOP



The EU- Taiwan joint 6G SNS workshop took place on October the 6th in Taipei. The focus of the event was to lay the foundation for the future technology and industrial collaboration in the 6G field. The program included presentations from the Taiwanese partners while the EU side was presented by Colin Willcock (Chairman, 6G-IA board) on the current status and plans of the SNS-JU program and European 6G research. There were demonstrations and presentations from successful SNS-JU projects in which Taiwan organizations had also collaborated. The event was well attended by several hundreds of delegates in presence and in online mode that included academics, industry and government. SNS-ICE was instrumental in organizing this event together with Industrial Technology Research Institute (ITRI). The excellent results showcasing the strength of combined forces and the strong collaborations from both regions were followed up with the clear wish from both sides to expand such co-operations. In addition to this event there were visits to a number of interested Taiwanese companies and the ITRI research center.



SNS ICE PRESENTS AT 'GLOBAL 6G SYMPOSIUM' / INDIA MOBILE CONGRESS (IMC) 2024



The International 6G Symposium 2024 was held on 16th-17th October 2024 at Bharat Mandapam, New Delhi, India. This premier event brought together global leaders, policymakers, and innovators to discuss the future of 6G technologies and mobile communications. It was organized by the Indian Bharat 6G Alliance and attracted several hundreds of delegates from the world. Colin Willcock (Chairman, 6G-IA board) from SNS-ICE project took part in a panel session on “International research collaboration for 6G”. He also presented the impact created by SNS JU and the contributions of SNS-JU via SNS-ICE in the area of international collaboration.

Colin Willcock, in his presentation focused on the potential future collaboration opportunities from the European point of view. The presentation impacted the involved stakeholders and led to engaging discussions with Indian participants and representatives about future EU – India collaboration activities. The event also provided an opportunity for an exchange with UK representatives from academia and government about improved alignment between UK and EU 6G research.

2024 BROOKLYN 6G SUMMIT



The Brooklyn 6G Summit took place from October 23 to October 25, 2024, in Brooklyn, New York. As one of the communication industry's most prestigious events, the Brooklyn Summit has been instrumental in shaping the future of wireless technology since its inception in 2014. This year it was an invitation only event with about 350 participants. The audience were key academics and high-level industry representatives from around the world.

For SNS ICE this event provided a platform to create awareness about the SNS-JU initiatives and collaborations across a broad set of international decision makers. It also gave a unique opportunity to interact with key industrial, academic and government representatives in the USA eco-system with a view to future collaboration. SNS ICE was well represented by Colin Willcock, with his participation in the panel “6G Gaps and Priorities” which offered the chance to talk about 6G research in Europe and the initial results from the SNS-JU.

He was also joined by, Alexandros Kaloxylas from SNS ICE presenting the overview on EU – US collaboration with his engagements via the strategic meetings and discussions across the academic, industrial and governmental domains. It was an excellent event to understand the actual view of the telecoms industry as well as seeing the latest cutting-edge academic research.



SNS ICE TAKES CENTER STAGE AT 5G TECHTRITORY 2024

"Shifting the Balance: Advancing Diversity in Telecoms R&D"

October 30, 11.00-12.30
co-creation event

RSVP and more information [here](#)

"From 5G to 6G: leveraging key trends and 5G evolution to shape 6G for vertical sectors"

October 30, 14.00-17.00
co-creation event

RSVP and more information [here](#)

"Interactive Showcase: SNS ICE showroom"

October 30, 11.00 -
October 31, 15.30
interactive showcase

More information [here](#)

"WHY 6G: The European Priorities"

October 31, 10.30-11.20
panel discussion

More information [here](#)
Will be broadcasted online

"6G: Resetting the mobile industry structure"

October 31, 11.30-12.20
panel discussion

More information [here](#)
Will be broadcasted online

"SNS-ICE – Synergies between National 6G Initiatives and SNS JU"

October 31, 13.30-17.00
co-creation event

RSVP and more information [here](#)

Once again SNS ICE took the center stage at the 5G - Techritory which was held on October 30-31, 2024 in Riga, Latvia. The topic for this year was, "Technology Shaping Tomorrow's Territory," focused on extracting real value and tangible results via the co-creation sessions, workshops, and panel discussions throughout the forum.

The SNS ICE organized and led multiple panels, co-creation sessions to collaborate and understand the European priorities (see pic on left). There was also a dedicated SNS ICE Showroom where the work and tools of the entire SNS JU were promoted that included project videos, demos, discussions, etc.)

The SNS ICE project partner Colin Willcock moderated the panel discussion on the topic, "Why 6G: The European Priorities" highlighted essential objectives for 6G systems and services across technology, use cases, and socio-economic impacts. Overall, the goal of the project SNS ICE was to engage and exchange with stakeholders and gather insights on the research, innovation, and evolving stages of 6G. Additionally, the importance of sustainability—environmental, societal, and economic—was emphasized as a core consideration in advancing 6G networks and services.



SNS ICE SHOWCASES SNS JU ACTIVITIES AT GLOBAL 6G DEVELOPMENT CONFERENCE



The global 6G Development Conference took place on the 13th and 14th of November in Shanghai. It attracted around 400 participants with strong participation from Chinese industry and government. There were also a number of international participants from Europe and Asia. The event aimed to gather advantageous resources along the industrial chain and promote the research and development of cutting-edge 6G technologies, the formulation of standards, and the cultivation of future industries.

Colin Willcock represented SNS-ICE, and provided a keynote on European-level 6G research. This keynote presented a snap-shot of the ongoing activities of the SNS-JU at a high-level and highlighted the key technological areas which are being addressed.



SNS ICE 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". The European Union has no responsibility for the content of this newsletter.



ETSI: SOFTWARE AND STANDARDS FOR SMART NETWORKS & SERVICES



The ETSI [SNS4SNS Conference](#) took place on 12-14 November 2024 in Sophia Antipolis, France. This event explored the critical convergence of open-source software, standardization, and cutting-edge research in building resilient, sustainable communication networks. On behalf of the SNS ICE project Alexandros Kaloxylos (Executive Director, 6G-IA) attended the Software and Standards for Smart Networks and Services Conference & [Hackfests](#) conference organised by ETSI. Alexandros Kaloxylos was a member of the Programme Committee. He presented in [session 5](#) and also participated in the related panel. During the days of the meeting, he also had the opportunity to collaborate with the Executive Director of the SNS-JU, Ms. [Erzsébet Fitori](#), and the deputy Head of Programmes, Mr. Pavlos Fournogerakis for the organisational topics of the SNS-JU and the presentation of SNS R&I WP to the SRG.

SNS ORGANIZED WEBINAR ON “AUTOMOTIVE, TRANSPORT & LOGISTICS SOLUTIONS”



SNS ICE co-organized with the Guide project, a webinar to present the ongoing CAM related activities from the SNS JU projects, and to present relevant opportunities from the CEF programme. The webinar offered various perspective and priorities of key automotive stakeholders. Experts from SNS JU, Connecting Europe Facility (CEF), and European Road Transport Telematics Implementation Coordination Organisation (ERTICO), shared their views and discussed mobility issues and how can they be addressed. The SNS JU projects will offer insights regarding their ongoing work and discuss the roadmap to the of such solutions (via CEF) and their applicability to the real world.

SNS ICE AT THE 6G EVOLUTION SUMMIT

The [6G Evolution Summit](#) took place on 3-4 December 2024 as a free Virtual Event. Dr. Colin Willcock, Chairman of the 6G-IA, gave a keynote speech on the topic “Defining the 6G future: Use cases, current progress and what to expect” that aimed to foster research and innovation actions and synergies.



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SNS ICE ORGANIZES A WEBINAR ON “HOW DIGITAL INNOVATION HUBS (DIHS) COULD COOPERATE WITH TECHNOLOGY PROVIDERS” ?



On 2nd Dec 24, SNS ICE project and SCoDiHNet (The Smart Connectivity Digital Innovation Hub Network), collaborated to facilitate cooperation between Technology providers (SNS JU members) and DIHS in order to accelerate the uptake of results between R&I and end users. The details are available at: [Link](#)

SNS ICE JOINS UKTIN INTERNATIONAL & HORIZON ENGAGEMENT CONFERENCE



On 4th Dec, UK Telecoms Innovation Networks organized an event to discuss the strategic importance of international innovation programmes, from industry and association bodies on the opportunities, plans and next steps to engaging.

On behalf of SNS ICE Alexandros Kaloxylas (Executive Director, 6G-IA) provided information about the SNS orientations for future calls and the identified priorities on the road to 6G. He was also joined by David Kennedy (Director, Eurescom) in a panel with European consortia leaders to discuss tools (e.g., SNS brokerage tool) and opportunities for UK stakeholders to engage in SNS activities.

SNS ICE PARTICIPATES IN WORKSHOP ORGANIZED BY 5G-ROUTES PROJECT



On 17th Dec, [5G-ROUTES Project](#) organized a Workshop on Connected and Automated Mobility (CAM) in terrestrial and maritime environments. This event showcased work in 5G networks, focusing on innovative services and technologies in ICT across diverse domains. From SNS ICE Kostas Trichias (6G-IA) presented on vertical sectors and the role of CAM in SNS JU in the session on Connected and Automated mobility in terrestrial environments. He also joined the roundtable discussion on the Challenges of Technologies in cross-border environments.



#Podcast 🎧 Dive into the industry news, analyze the latest trends 📈, discuss the development of the new generation of 📶 cellular networks and keep yourself informed with the latest news and insights in the world of 6G in Europe. [Link to Podcast](#)



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