

NEWSLETTER 6



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.

The third quarter of 2024, kept us engaged with diverse participations at strategic events including Berlin 6G Conference, 11th Global 5G Event and 6G world: 6G symposium Crucial conversations, we exchanged ideas, shared knowledge, and networked with key stakeholders in Europe and across the globe. The connections made will drive future collaborations to harmonize the evolution and shaping of the 6G Technology.

The SNS ICE is making an effort to collect and enrich the SNS JU Vertical Engagement Tracker by mapping use cases from SNS JU funded projects. This Verticals Cartography tracks the progress in developing 6G technology enablers and applications across diverse market segments.

Finally, tune in to the latest episodes of SNS ICE podcasts, to get insights on the European and Global perspectives and priorities on the development and deployment of 6G. Stay informed, inspired, and aligned with the future of connectivity!

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 Q3 2024

- **SNS ICE at Berlin 6G Conference 2024**
- **Joint AIOTI-6G IA Webinar promoting joint White Paper The role of 6G in agriculture**
- **SNS ICE presents at Global 5G Event 2024**
- **Workshop “From 5G to 6G: Advances, Challenges and Opportunities”, School of Telecommunications, Vigo (Spain).**
- **FNS and Hexa-X-II workshop**
- **SNS ICE participates at “6G world: 6G symposium Crucial conversations”**
- **SNS ICE: Vertical Engagement Tracker**

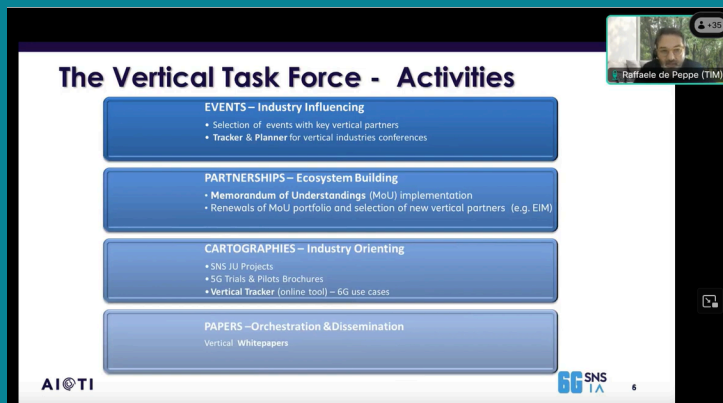
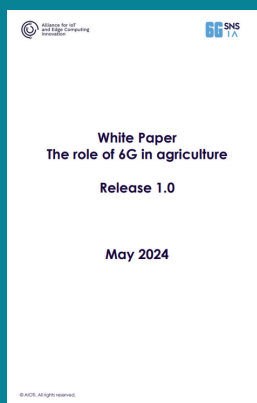
SNS ICE AT BERLIN 6G CONFERENCE 2024



The Annual Networking Event of the German 6G Program – organized by the 6G Platform Germany was held at the Berlin Congress Center, from 2-4 July 2024 attracting around 1000 participants from Europe and around the world. The majority of the participants were from the German research community, presenting a large number of project demonstrations. Presentation from Colin Willcock from the SNS-ICE project provided an update on the overall European level 6G research activities focusing on the SNS-JU while Toon Norp, TNO presented the main take aways

from the 3GPP SA1 workshop in Rotterdam, with a focus on European consolidated usecase input that the SNS ICE project has helped to establish. This was an excellent event to foster understanding and cooperation between National and European level 6G research. The event not only witnessed a good blend of European academia, industrial research and participation from German government but also a significant participation from Asian countries.

JOINT AIOTI-6G IA WEBINAR PROMOTING JOINT WHITE PAPER THE ROLE OF 6G IN AGRICULTURE

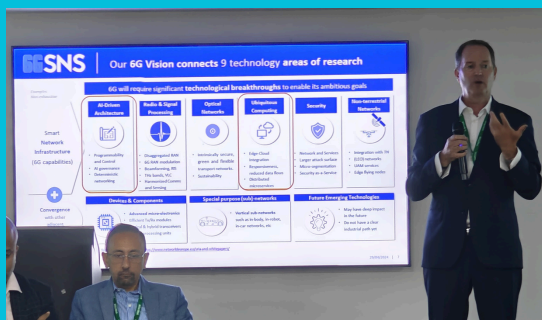


In the current landscape of agriculture and aquaculture for food production, digital technologies have emerged as a transformative force leveraging cutting-edge technologies to enhance productivity, sustainability, and decision-making processes, in this context a joint whitepaper is published between Alliance for IOT and Edge computing Innovation(ATOTI) and SNS ICE Partner 6G IA.

Further, to promote this whitepaper and create awareness on this effort a joint webinar was organized on 10th July. The webinar covered the role of 6G in agriculture which is about a collaboration on the vertical task force of the 6G. The webinar presentation can be found [here](#) and the recording [here](#).



SNS PRESENTS AT GLOBAL 5G EVENT 2024



The 11th 5G Global Meeting took place on the 29th and 30th of August, 2024 at Airtel NOC Manesar, Gurugram, India. The event attracted participants from most of the major countries and regions who are driving 5G evolution and 6G research (approx 60 in number). The event was mainly attended by industry and SDO representatives but also involved a number of academics. The SNS-ICE project took the lead in organizing the European participation which included Mr Hakon Lonsethagen from Telenor presenting on Current AI and Cloud Implementation models in 5G Networks, Dr Gabriele Elia from TIM presenting on Multi Access Edge Computing use cases with AI and Colin Willcock from 6G-IA presenting on Path to 6G with AI and Cloud. In addition to the formal program the event allowed further face to face discussion with Indian collaboration partners (TSDSI & Bharat 6G Alliance) on future EU - Indian collaboration on 6G research.

WORKSHOP “FROM 5G TO 6G: ADVANCES, CHALLENGES AND OPPORTUNITIES”, SCHOOL OF TELECOMMUNICATIONS, VIGO (SPAIN).



On 16 September 2024 Carles Antón-Haro, SNS ICE Partner & Director of EU Programmes and Industrial Contracts at CTTC, participated in the workshop “From 5G to 6G: Advances, Challenges and Opportunities” that was held in the School of Telecommunications in Vigo (Spain). The workshop, was organized by UVigoatlanTTic centre, counted with experts from IMDEA Networks,

Telefónica and Rodhe&Schwarz who addressed, a spectrum of topics, including the current situation and characteristics of 6G, as well as the impact of artificial intelligence on future communications networks. Carles engaged in two presentations entitled "AI for an energy-efficient 6G radio interface" and "Pan-European Trials and Pilots: covering the highlights from 5G-PPP and work in SNS-JU towards 6G". He also participated in a round table on 6G use cases in Trials and Pilots. With about 50 participants, from the industry and academia, the event provided an opportunity for a deep exchange. The workshop was broadcasted live via streaming and it appeared in media such as Faro de Vigo, social media (LinkedIn, X) and in the [news webpage of the University of Vigo](#).



FNS AND HEXA-X-II WORKSHOP



The joint workshop between Hexa-X-II, European SNS project, and the Dutch 6G National Initiative Future Network Services (FNS) took place on September 23rd, 2024 in den Hague. At the workshop, SNS ICE project was represented by Toon Norp, TNO who also chaired the workshop. The workshop included presentations on various aspects of 6G Technology covering a wide range of topics, including: 6G Use Cases, Sustainability, Network Architecture and Radio Aspects. With diverse stakeholders (approx 60), it was a great platform for knowledge exchange, identifying synergies, and networking in the field of 6G technology.

SNS ICE PARTICIPATES AT “6G WORLD: 6G SYMPOSIUM CRUCIAL CONVERSATIONS”



SNS ICE partner Alex Kaloylos, 6G-IA influenced the agenda of 6G symposium that took place on 24th September 2024 in Washington DC, USA. During the event, key decision-makers debated issues vital to the progress of the telecoms industry. Alex made a case that there is a clear need for a globally accepted framework that will have specific and measurable indicators to evaluate the success in meeting sustainability goals.

In his presentation, he included the understanding and concept of Key Value Indicators (KVI) as initially framed by the EU flagship project Hexa-X-II and explained how the relevant work is taking place at SNS JU cross-project level.

VERTICAL ENGAGEMENT TRACKER



This Online platform tracks the progress of Europe's 6G Smart Networks and Services Joint Undertaking (SNS JU) in developing 6G technology enablers and applications across diverse market segments through a large set of use cases.

Here vertical Associations represent industries with specific needs for transformative application. SNS JU R&D projects upload their use case to share knowledge.

Together, these actors collaborate to shape future innovation deployments that benefit both the economy and society. Dive and explore the 'Vertical engagement Tracker, the associations and the available use cases at: [Link](#)

Do not hesitate to reach out should you have further questions!



#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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