

NEWSLETTER 5



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 highlight of the second quarter of 2024, was the SNS ICE participation at EuCNC 2024. This event not only brings cutting-edge research and world-renown industries and businesses, together to present and discuss the latest results, but also provides a platform to collaborate and innovate together for research in Europe and across the world.

The SNS ICE team has been very busy during this event in organizing, presenting, moderating sessions, facilitating booths and exchanging with the Smart Networks and Services Joint Undertaking (SNS JU) community! As we enjoy our work in the 2nd year of the project, we continue to foster new synergies and exchange.

Finally, do not miss reading the SNS Journal and learn about the 63 running SNS projects and how they endeavor to put SNS JU in the forefront in technology across the globe! Stay aligned to know more!

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 Q2 2024

- **SNS ICE organizes a Workshop with cloud experts in 6G, Brussels**
- **SNS ICE presents at WWRF Huddle 2024, Berlin**
- **SNS ICE participation in ETSI NTN workshop**
- **European view on 6G use case presented at 3GPP workshop, Rotterdam**
- **The SNS Journal 2024**
- **SNS ICE takes center stage at EuCNC 2024**
- **Key Note Presentation at IET's 6G and Future Networks Conference, London**

SNS ICE ORGANIZES A WORKSHOP WITH CLOUD EXPERTS



On 16th April 2024, SNS-ICE team member Alexandros Kaloxylos from 6G-IA, organized a workshop and collaborated with cloud experts to foster future Research & Innovation activities. This workshop aimed to provide a roadmap for enabling 5G and 6G technologies with a focus on infrastructure on “Important Projects of Common European Interest(IPCEI) and the SNS Work Programme 2025”.

Nearly 30 experts joined this workshop and shared insights on their ongoing work and future plans in the context of cloud technology. Enlightening discussions and exchange at this workshop may potentially also lead to a whitepaper on “How to master Europe’s digital infrastructure needs”. In scope of SNS ICE work in WP2 - cloud is seen as a focal point for 2024 and 2025 with its collaboration between different EU Research & Innovation activities and alliances.

SNS ICE PRESENTS AT WWRF HUDDLE 2024, BERLIN



The Huddle is hosted annually by the Wireless World Research Forum (WWRF) and brings key 5G & 6G stakeholders together in various locations across the globe with each edition addressing the next step of the 5G & 6G ‘journeys’. This time it was organized in Berlin, from 17-18. April 2024. Target for SNS ICE participation was the further SNS-JU promotion in the 6G Research & Development. From SNS ICE partners, Bernard Barani (6G-IA) impacted the audience with his presentation on 6G Research & Innovation actions in the European SNS Initiative.

In another participation by SNS ICE, Toon Norp(TNO) participated in the panel on “Goals and targets for 6G”. Overall this event was well attended by 75 delegates, it provided a collaborative platform with policymakers, connectivity and service providers, researchers and related key stakeholders from around the world to discuss sustainability, inclusivity and digital transformation.



SNS ICE PARTICIPATION IN ETSI NTN WORKSHOP

Aiming high: ETSI Conference on Non-Terrestrial Networks underlines critical role of NTN in realizing tomorrow's global 6G vision

The ETSI Conference on Non-Terrestrial Networks organized from 3-4 April 2024, stressed the importance of technical standardization in delivering a fully connected planet via NTN. The event was co-organized with the European Space Agency (ESA), the 6G Smart Networks and Services Industry Association (6G-IA) and the Smart Networks and Services Joint Undertaking (SNS JU). SNS ICE participant Prachi Sachdeva(TNO) participated and represented SNS-ICE at the event. The sessions focused on the opportunities and challenges of integrating terrestrial and NTN in future global communications and 6G research & development in Europe and the world.

EUROPEAN VIEW ON 6G USE CASE PRESENTED AT 3GPP WORKSHOP, ROTTERDAM



On 8th May, with efforts from SNS ICE partners the European view on 6G use cases was presented, at the 3GPP stage 1 workshop on IMT2030 use-cases, to an audience of approx 500 people (200 in person and approx 300 people online). This was an outcome of the collaboration between involved WP1 & WP2 of SNS ICE. At the event, SNS ICE partner Toon Norp (TNO) moderated a panel on “6G Drivers for Verticals”. Overall this workshop brought the 3GPP community closer to the initiatives of regional & global research organizations, market partners (MRPs), operators’ associations and the ITU.

THE SNS JOURNAL 2024

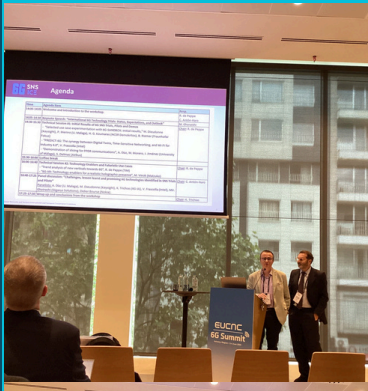
The SNS Journal 2024 summarizes the achievements of 35 call 1, projects and their respective achievements after 1 year of operation and introduction to 28 new projects that started their journey in January 2024 thus bringing information on the total of 63 running projects. The Journal presents work in progress of these projects, covering technological aspects, architecture, envisioned use cases and first/expected results. Download a copy [here](#).



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SNS ICE TAKES CENTER STAGE AT EUCNC 2024



SNS ICE organized workshops, presentations, panel discussions that covered the ongoing work from all its work packages at the EuCNC & 6G Summit, from 3rd-6th June 2024 at Antwerp, Belgium. The workshop organization on “Trials, Pilots and Demos for Selected Verticals: the Experimental Way Forward towards 6G” brought industry players, technology enablers covering projects like FIDAL, 6G-XR, PREDICT-6G, 6G-SANDBOX on one floor. The shared views, achievements, and lessons learnt from the realization of early trials, pilots and demonstrations aimed to provide guidance on how to benefit from the experimental infrastructure. This workshop with approx 70 attendees wrapped up with engaging discussions and exchange via the panel discussion.



A glimpse of collaboration and engagement was seen at the Convened session on “European vision on 6G use-cases”. This convened session brought insights from 3GPP SA1 workshop which focused on 6G standardisation with consolidated view from SNS projects and European national initiatives and evolved on the European wide consensus on 6G use cases. The panel discussed “What will be next steps with use cases in Standardisation and European R&I projects”. This year SNS ICE added another feather in the cap with its paper presentations contributing in the 6G Vision Building that covered:

- 6G Research & Innovation Activities in Europe: An Overview of EU & Nationally Funded Programmes
- 6G Smart Networks and Services: Global Strategies, Main Work Directions & Future Outlook
- 6G Global Landscape: A Comparative Analysis of 6G Targets and Technological Trends.

Lastly, to foster diversity and inclusion SNS ICE participants also contributed in WiTaR session for female representation across the industry and suggesting how this can be enabled: “WiTaR collaboration opportunities with SNS projects and Working groups”.

KEY NOTE PRESENTATION AT IET'S 6G AND FUTURE NETWORKS CONFERENCE



With goal to foster EU - UK collaboration in the 6G research area, Colin Willcock from 6G-IA gave a keynote presentation : “Update on European 6G research program SNS-JU and what it means for the Telecom industry”. This presentation attracted huge participation and exchange especially due to growing interest on UK’s participation to the SNS-JU program.

More than 100 people were present at the event while many more connected via the live stream. The audience in this session was a mix of industry and academics.



#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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