

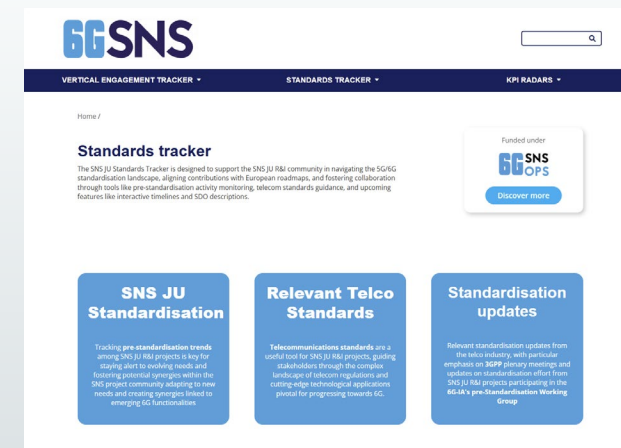
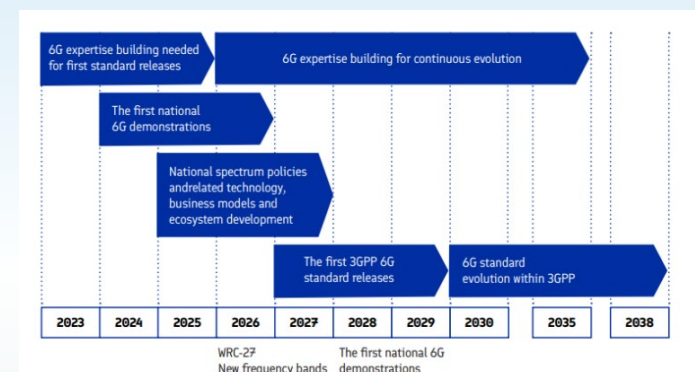
# 6G Standardization landscape & timelines

SNS ICE Final Event

Monday 28 April 2025

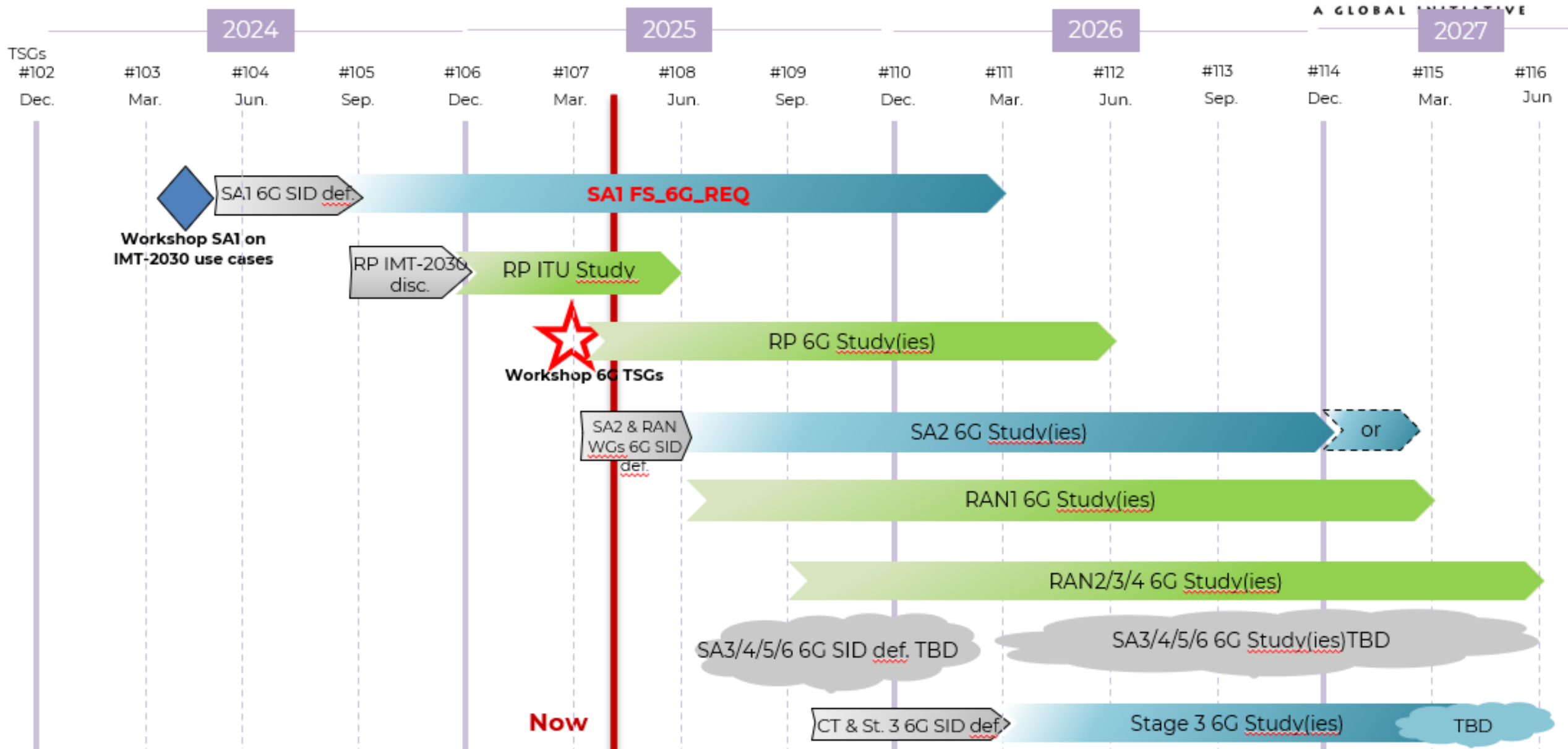
José Luis Almodóvar Chico

- 6G standardization has already started (i.e., 3GPP).
- SNS-ICE supported the standardization potential/impact of the SNS projects with the following actions:
  - 6GSNS Use Cases Presentation to the 3GPP Stage-1 workshop.
  - Analysis and landscape of ITU and WRC 2023 (D1.1 section 2.1 and 2.2)
  - Analysis of Standardization planning and trends (D1.1 section 2.4)
  - Update on global standardization activities (D1.2 section 2.1.3)
  - Support of the 6G-IA pre-standardization WG for the past 2.5 years (active participation – vice-chairmanship held by SNS ICE member)
  - Assistance with the population and maintenance of the Standards Tracker (<https://sns-trackers.sns-ju.eu/standards-tracker>). Developed by SNS OPS. SNS ICE assisted in the population with SNS JU data. (see also section 4.3 from D1.3)
  - SNS JU Standardization Webinar





# 3GPP 6G Timeline (Release 20)



# Stage-1 Workshop on IMT2030 Use Cases



- For the first time, 3GPP organized a Stage-1 workshop on 6G use cases, inviting external organizations to 3GPP.  
<https://www.3gpp.org/technologies/stage1-imt2030-uc-ws>
- **Objective:** Bring 3GPP closer to the ongoing initiatives of various global/regional research organizations (**B5GPC, 6G Forum, IMT-2030 (6G), Bharat 6G Alliance, NGA and 6GSNS** ) and 3GPP Market Representation Partners (**GSMA, NGMN, 5GAA, 5G-ACIA, 5G-MAG,...**) views regarding 6G priorities and use cases for 2030.
- 245 delegates attended face-to-face, and another 383 as remote participants.

- **3GPP SA1** invited **SNS** to participate in the workshop and present the envisioned 6G Use Cases based on the projects' work
- As SNS values collaboration with all EU stakeholders, it has invited EU National Initiatives to contribute to a coherent European view, formulated through SNS-ICE
- The following projects have contributed:



6G-NTN



6G-Shine



NANCY



FIDAL



SEASON



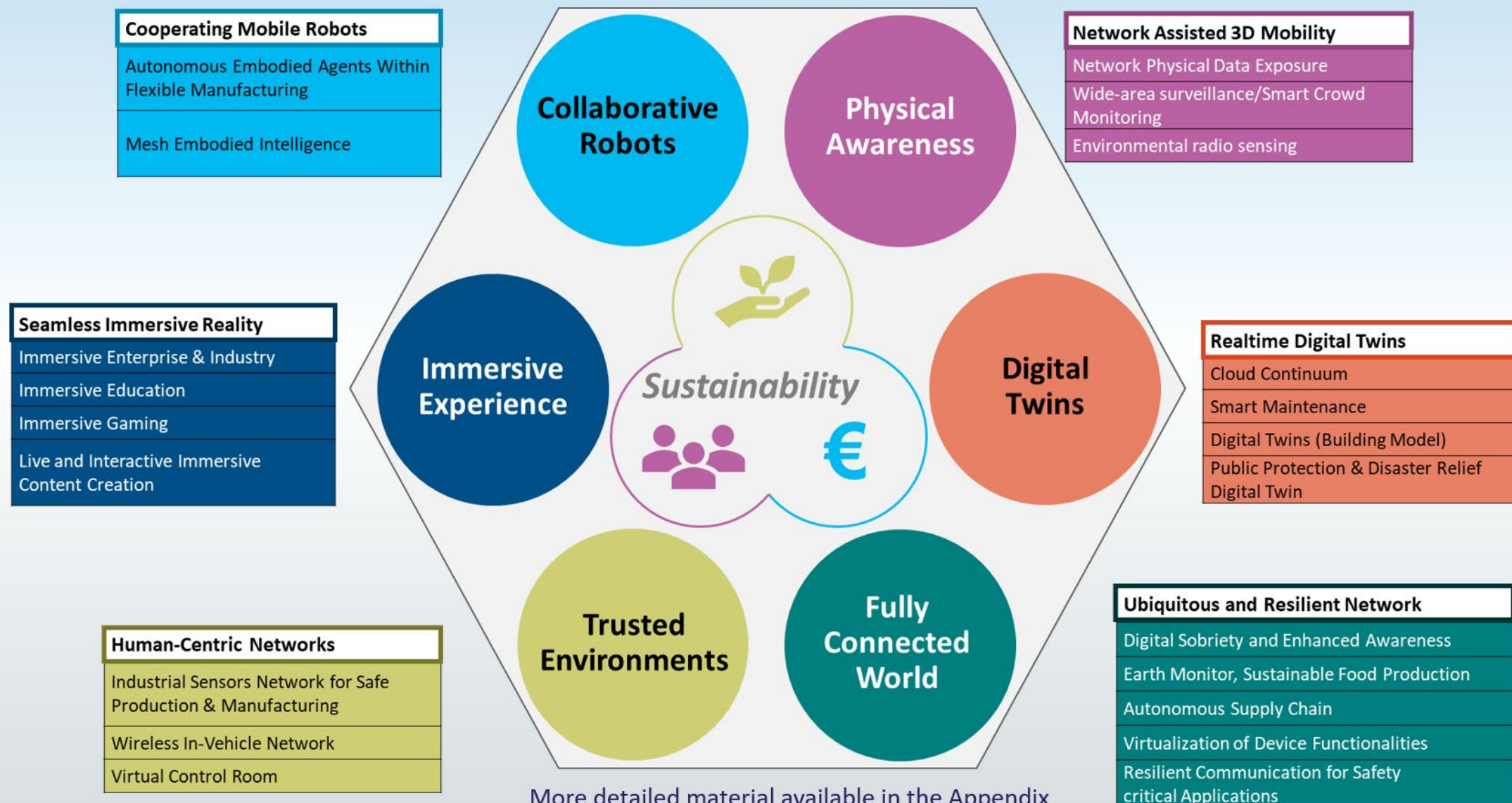
TrialsNet



SNS projects

National initiatives

More detailed material available in the appendix





- **Goal:** gained insights into the role of standardization in European projects, the significance of 3GPP, and methods to enhance the standardization impact of research initiatives.
- **Targeted Audience:** SNS-projects members and researchers, with around 60 attendees.
- **Agenda**
  - 14:00 – 14:15: “European/SNS-JU view on the importance of standards” – Agustin Diaz-Pines (European Commission)
  - 14:15 – 14:45: “3GPP presentation and update” – Jose Luis Almodovar Chico (3GPP SA1 chair)
  - 14:45 – 15:30: “Best practices and success stories”
    - Mikko Uusitalo (Hexa-X-II Flagship project) – Nokia
    - Daniel Lönnblad (SA1 delegate) – Ericsson
    - Devaki Chandramouli (SA2 delegate) – Nokia
  - 15:30 – 16:00: Round table on “Best practices and success stories”

Smart Networks and Services International and European  
Cooperation Ecosystem

# Thank you for you attention!

The logo consists of the text '6G' in a large, bold, blue font, followed by 'SNS' in a smaller, bold, black font, and 'ICE' in a smaller, bold, blue font below 'SNS'.

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*<https://smart-networks.europa.eu/csa-s/#SNS-ICE>*



*<https://linkedin.com/company/sns-ice>*



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