



Strategic Recommendations for Global Consensus and EU R&D Cooperation in 6G

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SNS ICE Final Event: “Showcasing Key Achievements”, 28 April 2025



- SNS ICE partners extracted the most useful insights from their interactions with Global, European & Vertical Stakeholders into **3 Policy Briefs** and **1 Article**
- **Strategic Policy Recommendations** aiming to influence European policy measures, tailored to the needs of the European Commission and SNS JU.
- Developed through multi-stakeholder workshops / interactions, reflecting **diverse perspectives** and **practical challenges** within each field.



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

Invest	In strategic initiatives: EU cloud providers, data sovereignty digital inclusion
Entrust	6G-IA with a leading and orchestration role in telco-cloud initiatives
Foster	European representation in global standardization bodies: 3GPP, ITU
Expand	Funding mechanisms: Horizon Europe, Digital Europe, JU/PPPs



Forge	Strategic partnerships with key international stakeholders through bilateral and multilateral agreements
Expand	Programs (SNS JU, NIs) to facilitate access of SMEs to necessary resources
Launch	Mentorship and incubation initiatives
Establish	SNS JU-led European 6G Coordination Hub to facilitate information exchange and alignment between NIs EU programs



Accelerate transition to open and interoperable 6G network: testbeds, pilots

Invest in transformative technologies: AI-native networks, THz, edge-cloud infrastructure, ..

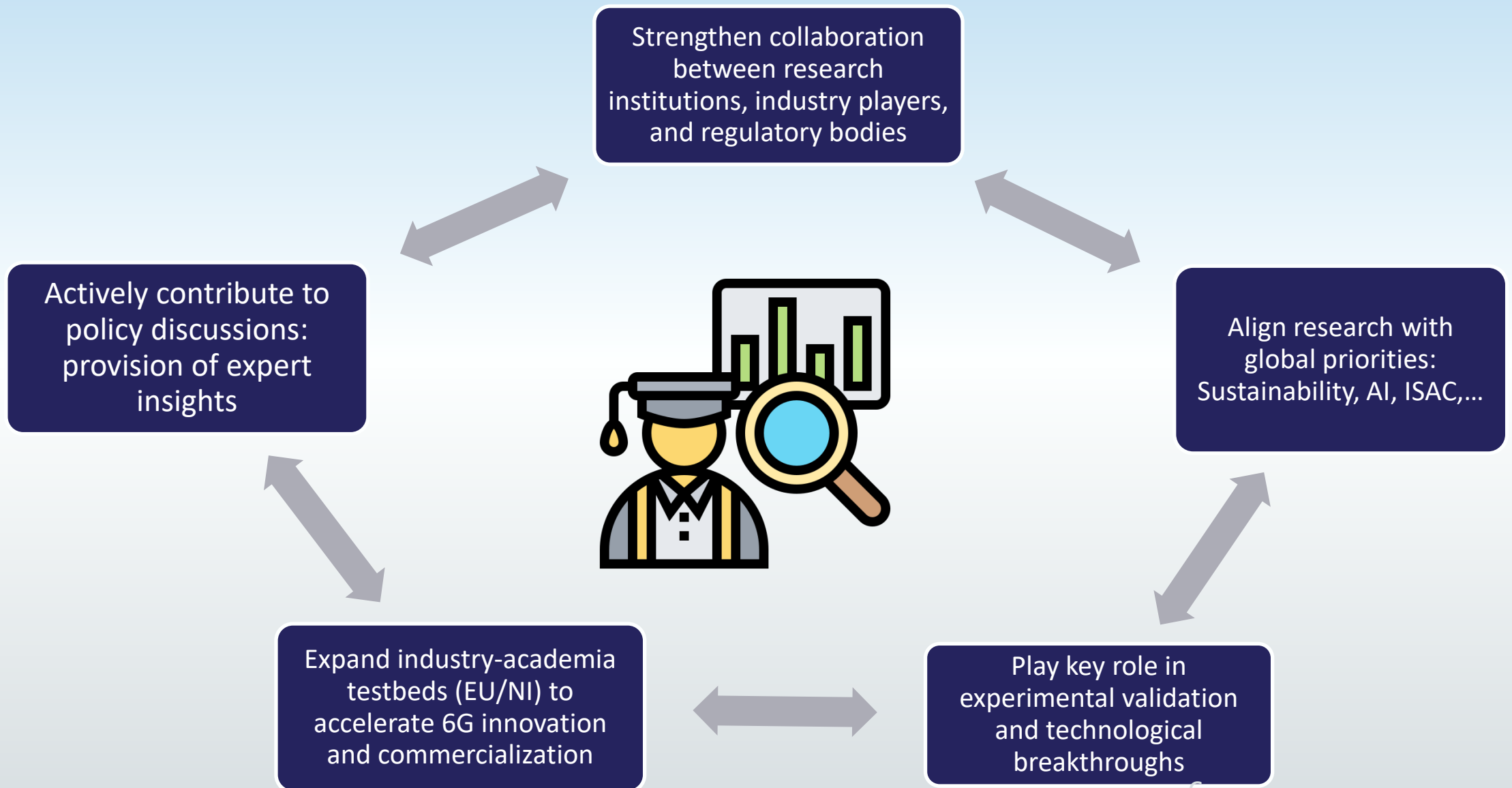
Actively develop cloud-native & software-defined networking solutions

Strengthen EU-NIs collaboration on open-source & development standardization activities

Publish and disseminate position papers



ACADEMIA AND RESEARCH



SME & STARTUPS... AND ALL STAKEHOLDERS

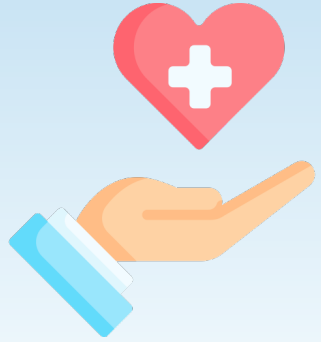
Focus on niche innovations

Foster Public-Private Partnerships: SNS-JU, WGs to stimulate cross-sectoral collaboration



Participate in open-source and collaborative projects

Streamline European contributions in global standardization efforts



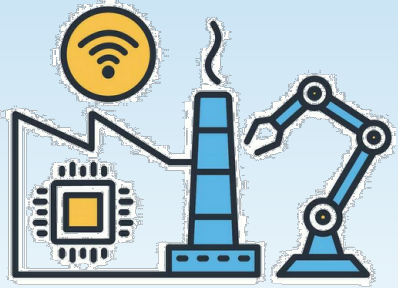
- Foster **clear regulatory frameworks** & standards for deployment and use of 5G/6G
- Address **healthcare disparities**
- Prioritise **international collaboration** and harmonization

- Invest in **advanced network** infrastructure
- Promote **interoperability** solutions
- Enhance **real-time** emergency response **coordination**



- Secure **spectrum allocation** for connected vehicle communications
- Develop **ubiquitous connected and automated** mobility systems
- Facilitate **cross-regional** collaboration and standardisation

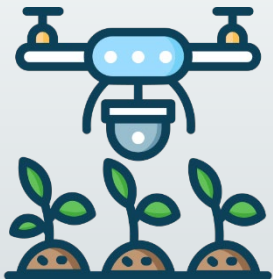
VERTICAL SECTORS - II



- Invest in **skills** development
- Facilitate **technology** adoption



- Data **privacy** regulation and **transparency** standards
- Invest in **rural infrastructure**



- Invest in **rural connectivity** infrastructure
- Standardisation and **interoperability** of **IoT** devices
- R&D for future 6G networks: **ultra-low power**, ubiquitous **coverage**



- Promotion of **digitalization** and **automation**
- **Investment** in rail infrastructure and **technology**



Thank You! Questions?

The Voice of European Industry and Research for Next Generation Networks and Services



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