



# 6G SNS

## ETSI and SNS JU: Transforming Ideas into Impact Through Standards

Smart Networks and Services Joint Undertaking

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6G SNS  
IA

## ~618M€ of EU Public Funding

<p><b>5G</b></p> <p><b>Stream A</b> 5G Evolution Systems</p>	<ul style="list-style-type: none"> <li>• Components, Systems &amp; Networks</li> </ul>
<p><b>6G</b></p> <p><b>Stream B</b> Research for Radical Technology Advancement towards 6G Definition</p>	<ul style="list-style-type: none"> <li>• System Architecture</li> <li>• Wireless &amp; Signal</li> <li>• Infrastructure &amp; Devices</li> <li>• Security</li> <li>• Microelectronics</li> <li>• Sustainability</li> <li>• International Collaboration</li> </ul>
<p><b>6G</b></p> <p><b>Stream C</b> Experimental Infrastructures and Platforms</p>	<ul style="list-style-type: none"> <li>• Platforms</li> <li>• Enablers / Proof of Concept</li> </ul>
<p><b>5G</b></p> <p><b>Stream D</b> Large Scale Trials with Verticals</p>	<ul style="list-style-type: none"> <li>• Applications &amp; Services</li> <li>• Business Ecosystems</li> </ul>

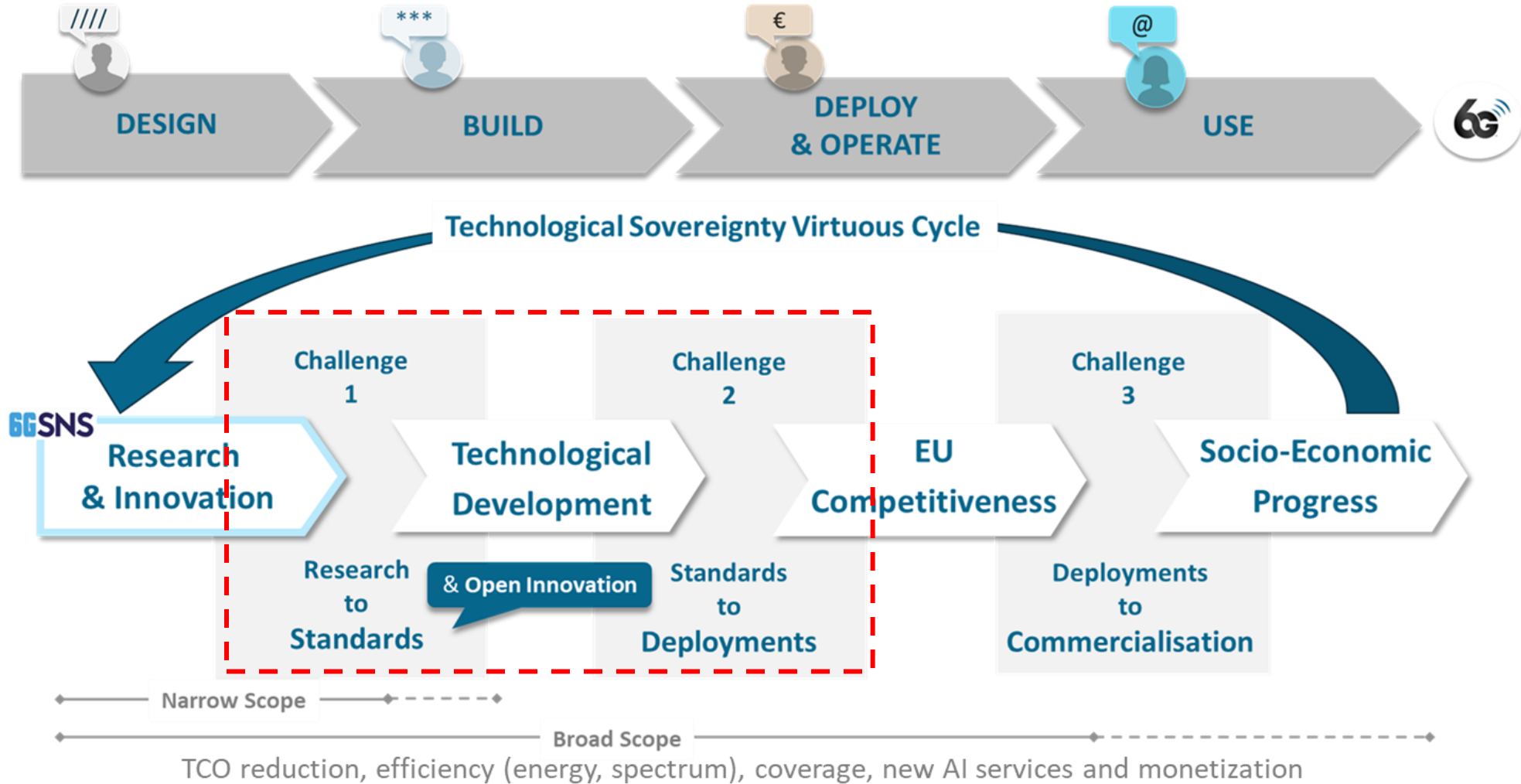
Call 1 - Started Jan '23  
**240M€**

Call 2 - Started Jan '24  
**132M€**

Call 3 - Started Jan '25  
**129M€**

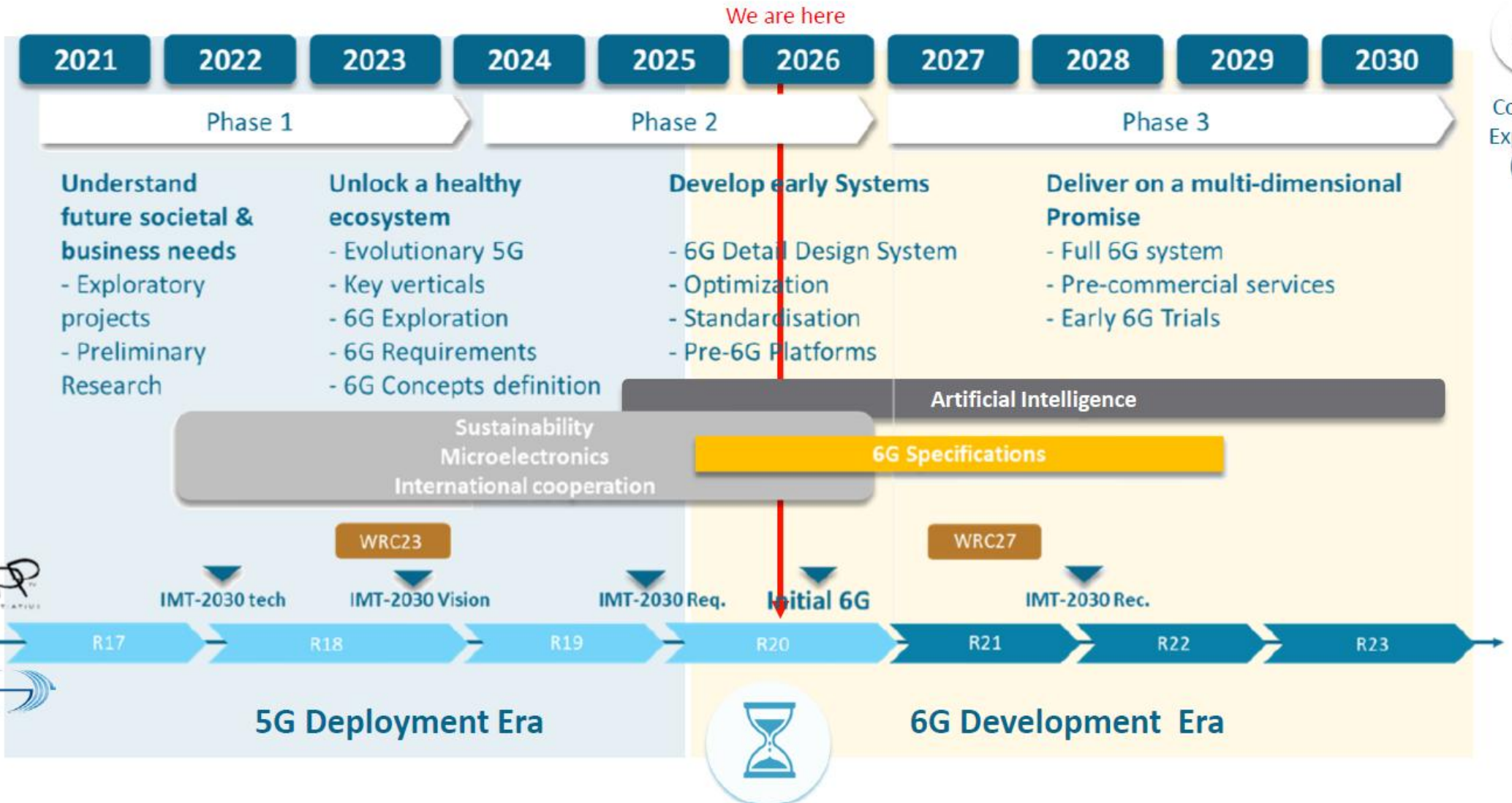
Call 4 & 5  
To start in 2026  
**116M€**

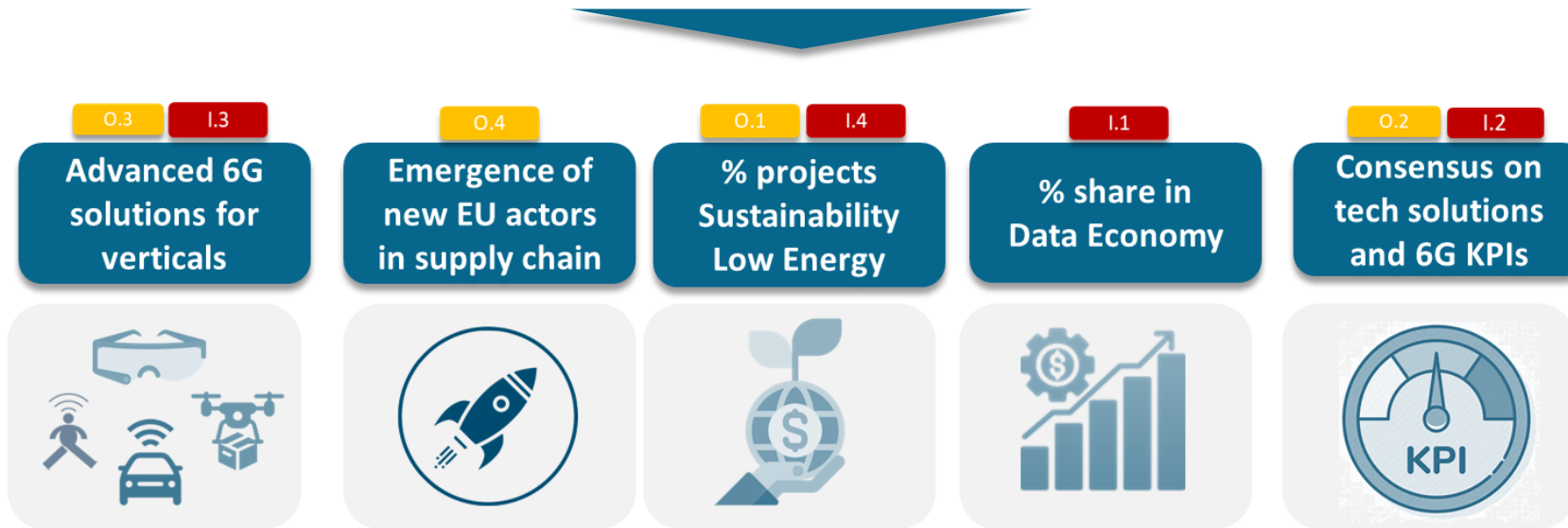
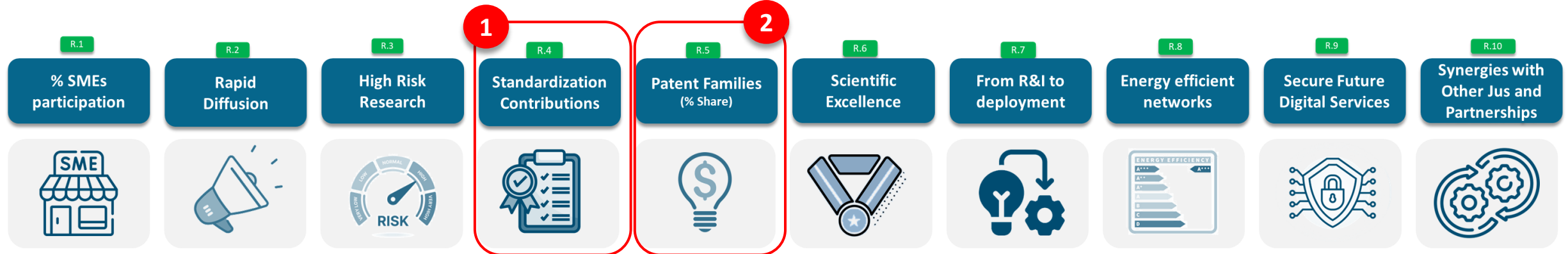
Standardisation is a relevant KPI of our program





Commercial Expectations (~2030+)





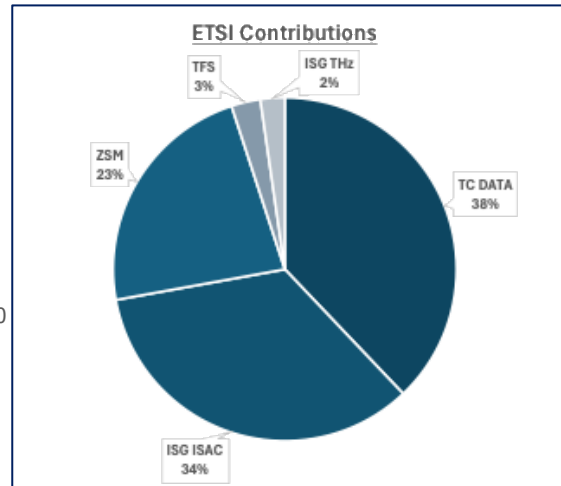
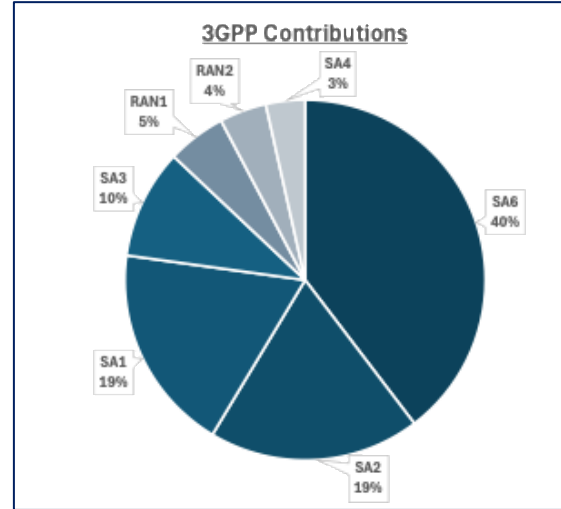
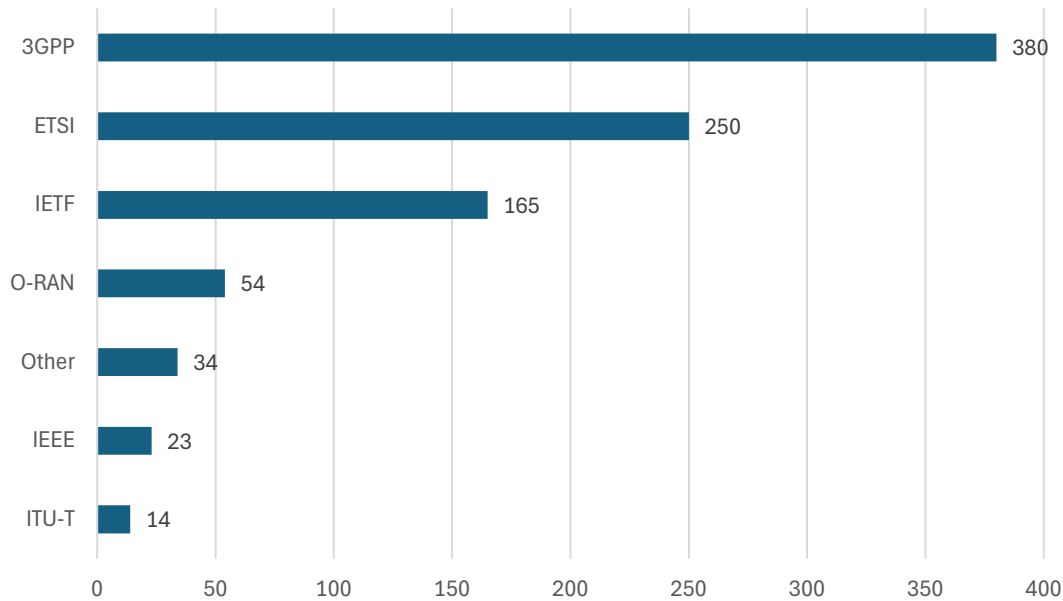
**1** >2000 contributions till end 2025

**2** >200 patents submitted till end 2025



### Call 1 & Call 2 & Call 3 Projects (79 Projects)

Contributions to (pre)Standards Organizations & Bodies



# 6G SNS Projects HIGHLIGHTS

JAN 2025 → DEC 2025

## 79 PROJECTS

**1226 Events**  
 328 Organised  
 898 Supported or contributed

**1415 Publications**  
 >80% Open access  
 298 Cross-project publications

**550 Tests & Trials**  
 326 PoCs / Lab Tests  
 224 Trials / Pilots

**920 Contributions to standards**

**91 IPR submissions**  
 14 Already granted  
 21 Projects filed IPR

**316 Open-source solutions**  
 197 Open-source contributions  
 35 Projects contributed to OS communities

## Increasing maturity of SNS JU projects: from research to documented contributions to standards

### SNS JU Standardisation Contributions

Tracking **pre-standardisation trends** among SNS JU R&I projects is key for staying alert to evolving needs and fostering potential synergies within the SNS project community adapting to new needs and creating synergies linked to emerging 6G functionalities

### Relevant Telco Standards

**Telecommunications standards** are a useful tool for SNS JU R&I projects, guiding stakeholders through the complex landscape of telecom regulations and cutting-edge technological applications pivotal for progressing towards 6G.

### SDOs Status Updates

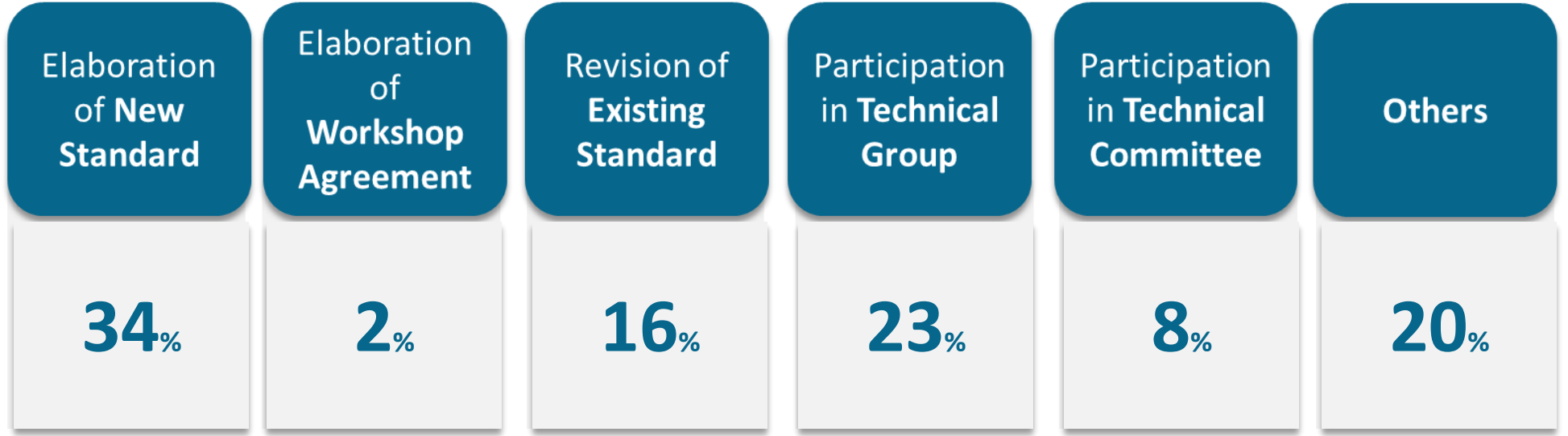
Relevant standardisation updates from the telco industry, with particular emphasis on **3GPP** plenary meetings and updates on standardisation effort from SNS JU R&I projects participating in the **6G-IA's pre-Standardisation Working Group**

Quarterly Reports

Launched  
1 September 2024

<https://sns-trackers.sns-ju.eu/standards-tracker>

**Standards Tracker**  
2058 Inputs into Sygma portal



**Additional initiatives**

 <b>Policy Working Group</b> (6G Standardisation) SNS Tracker → priorities → contributions → outcomes	 <b>Close the “Capacity gap”</b> (Funding for EU experts) SNS Tracker → gaps → deliverables → outcomes	 <b>International collaboration focus</b> (6G and adjacent domains) SNS Tracker → Target SDO groups + timelines → contributions → outcomes
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# 6G SNS

SMART NETWORKS AND SERVICES  
JOINT UNDERTAKING

## THANK YOU FOR YOUR ATTENTION



Contact us: [smart-networks.europa.eu](https://smart-networks.europa.eu)

