



SNS JU State of play

Info-Day | Call for proposals 2025

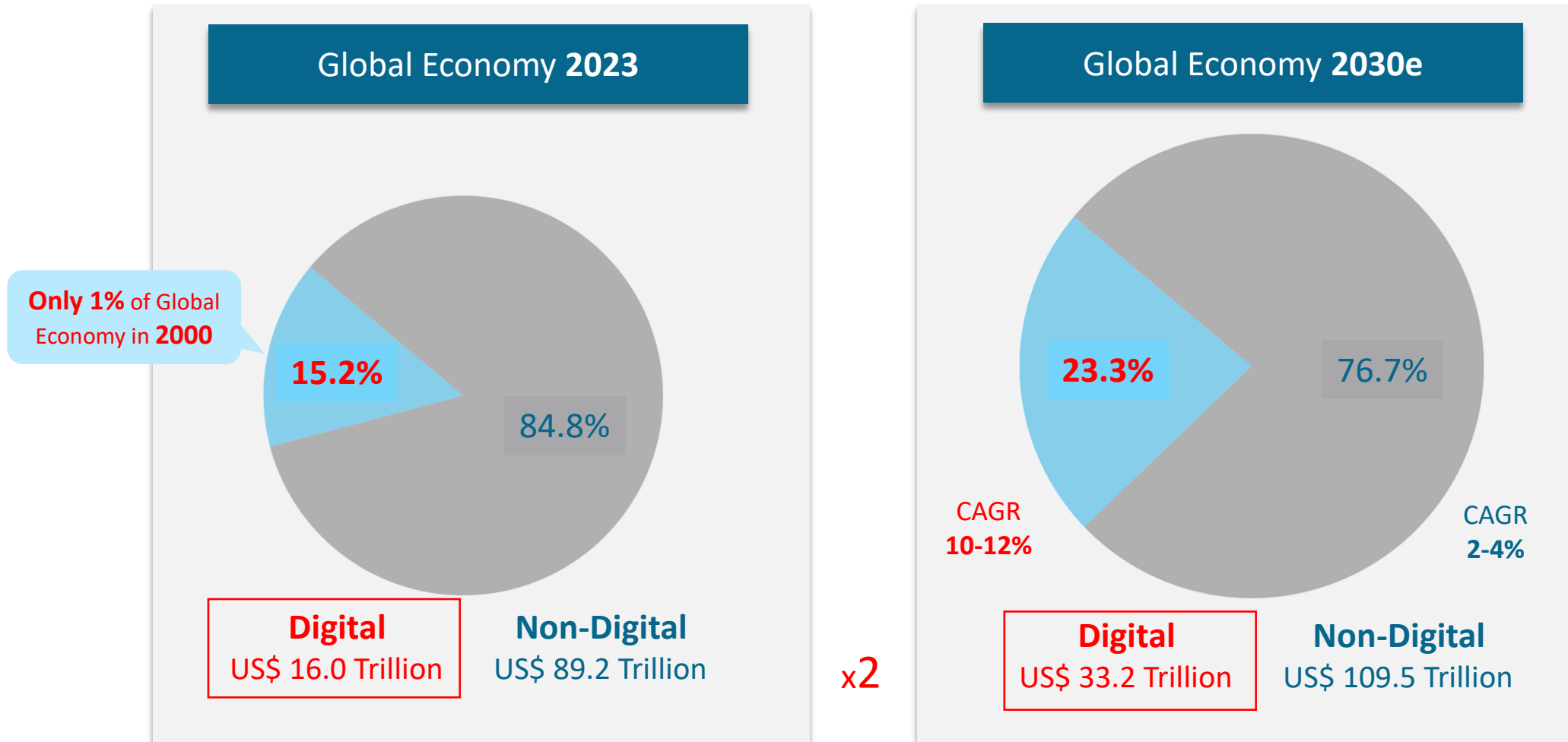
Erzsébet Fitori, Executive Director, SNS JU

Brussels, 23 May 2025

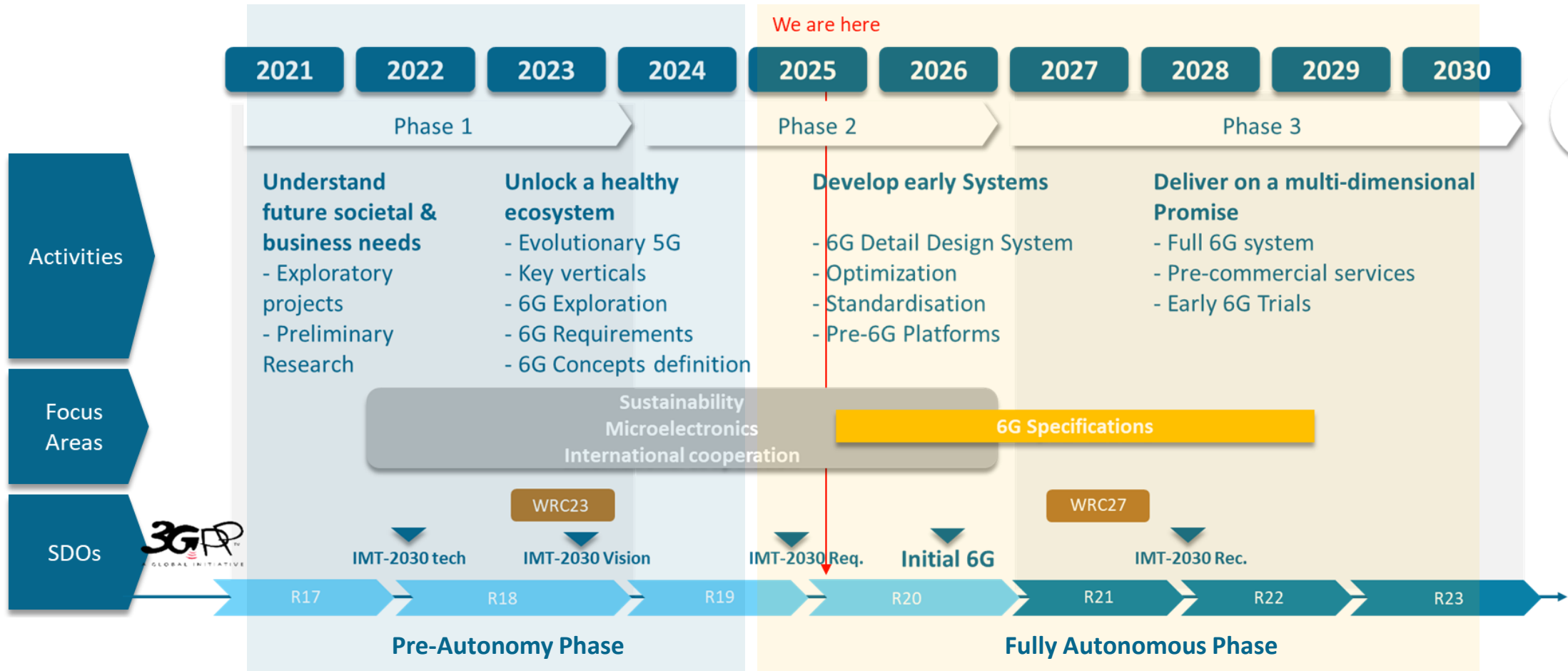












- Our **ambition is to lead the global transition to 6G**, with Europe at the forefront, pioneering new capabilities and innovations that will shape our connected future.
 - funding research and innovation projects
 - participating in the 6G standardization roadmap
 - coordinating strategic deployment agendas (i.e. 5G corridors)
 - co-creating with vertical sectors to define innovative applications (trials & pilots with verticals)
- 6G will require **unprecedented levels of collaboration**, especially with vertical sectors
- Leadership in **6G is more than a technological achievement**. It's a commitment to digital sovereignty, economic growth, and societal advancement.

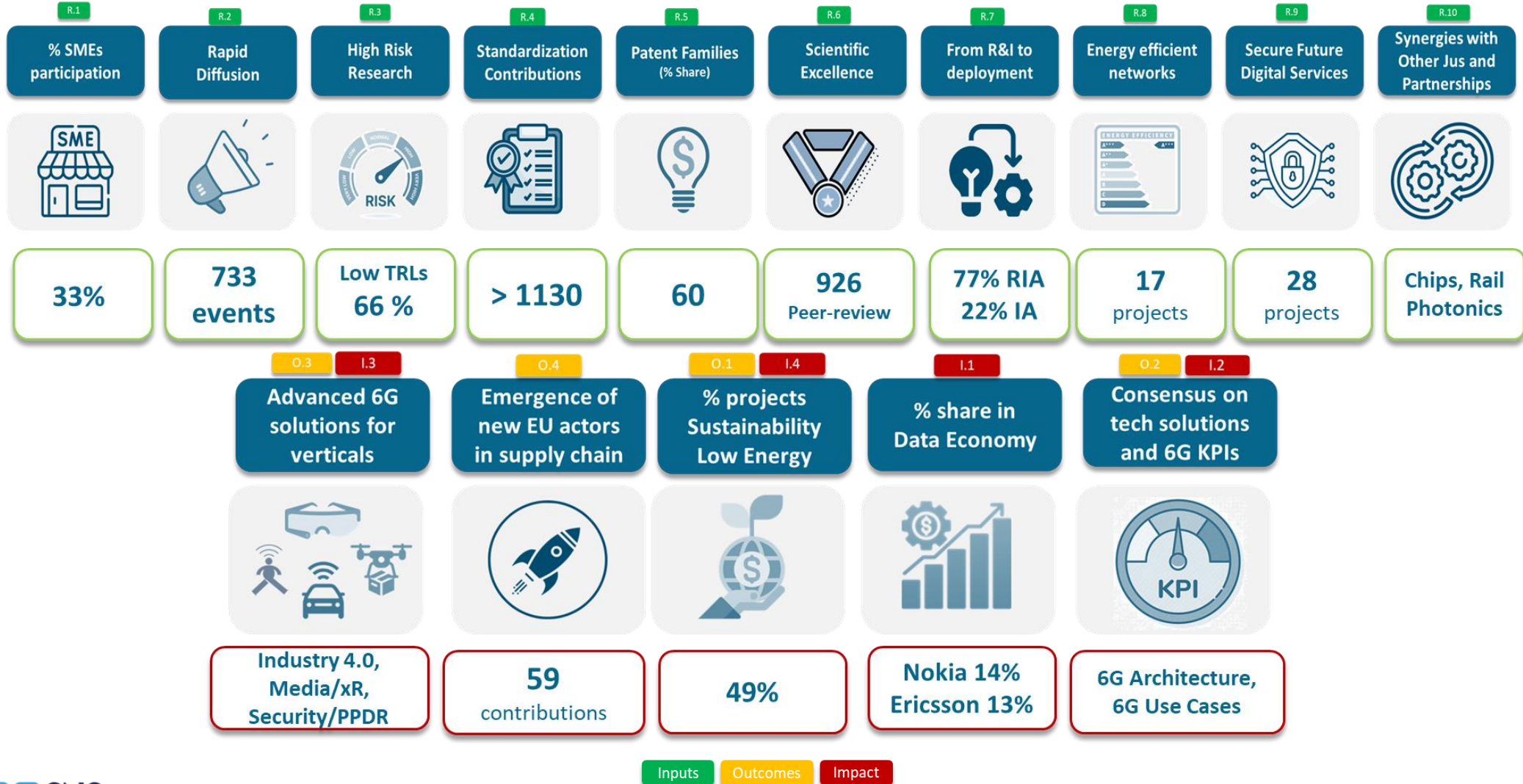


Source: Mid-range projections based on World Economic Forum, OECD Digital Economy Outlook, McKinsey Global Institute, World Bank and IMF Reports



~630 MM € of public funding
investment in SNS JU Calls

investment in SNS JU Calls		Call 1 Started Jan '23	Call 2 Started Jan '24	Call 3 Started Jan '25	2025 Calls To be Started in 2026
 Stream A 5G Evolution systems	Components, systems & networks	7 Complementarity projects validate complete system view			
 Stream B Research for radical technology advancement towards 6G definition	System Architecture Wireless & Signal Infrastructure & Devices Security Microelectronics Sustainability International Collab	19 projects research Novel technologies expected to be adopted in commercial networks in a mid /long-term horizon	24 projects working on Innovative solutions towards real life networks over a long-term horizon . Also targets International Cooperation 	12 projects targeting a higher TRL range, compared to previous calls, aiming to produce more mature results and impact on standardization . Includes lighthouse project on Sustainability and targets International Cooperation  	16 projects on Forward looking topics (advance architectures and IoT), Wireless tech (MIMO, AI/ML, Spectrum sharing, Open RAN), NTN- TN unification/integration, Optical networks and Photonics , Security and Resilience , and Microelectronics .
 Stream C Experimental Infrs/Platforms	Platforms Enablers/ Proof Concept	3 projects validate 6G technical enablers	1 Europe-wide experimental infrastructure(s) to support SNS program	1 project on integration of microelectronics components	1 project on Telco cloud and service provision enablers
  Stream D Large Scale Trials With Verticals	Applications & services Business ecosystems	4 projects on specific verticals with high economic and societal importance	2 projects focusing on i) Automotive ii) Health, Smart Cities, Farming and Education	2 projects on advanced 5G/6G technologies in/for verticals , with special focus on sustainability	4 projects on (1) Industry/Manufacturing, (2)Media (3)Transportation/Logistics, (4) Emergency Services and (5) Health
		Call 1 240 MM €	Call 2 132 MM €	Call 3 129 MM €	Call 4 128 MM €





1. We are operating in a **world of global competition and geopolitical uncertainty**. As other regions increase their strategic investments in telecom R&D, Europe should not fall behind.
2. **Public-private investment is essential** for the EU's strategic priorities:
 - Our **digital sovereignty**,
 - Our **competitiveness**,
 - And our **values** in the global technology landscape.
- The SNS JU is Europe's vehicle for 6G R&I, submit proposals to our Calls to **be part of the European path to 6G!**



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THANK YOU FOR YOUR ATTENTION



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