



Smart Networks and Services Joint Undertaking

Key orientations of SNS JU R&I WP 2025

Javier Albares, Head of Programs

On-line event, 23 May 2025



NEW

Open: **22 May**



Open: **18 June**



Closing:
18 September



Non -exhaustive



Horizon Europe
Strategic Plan 2025-27



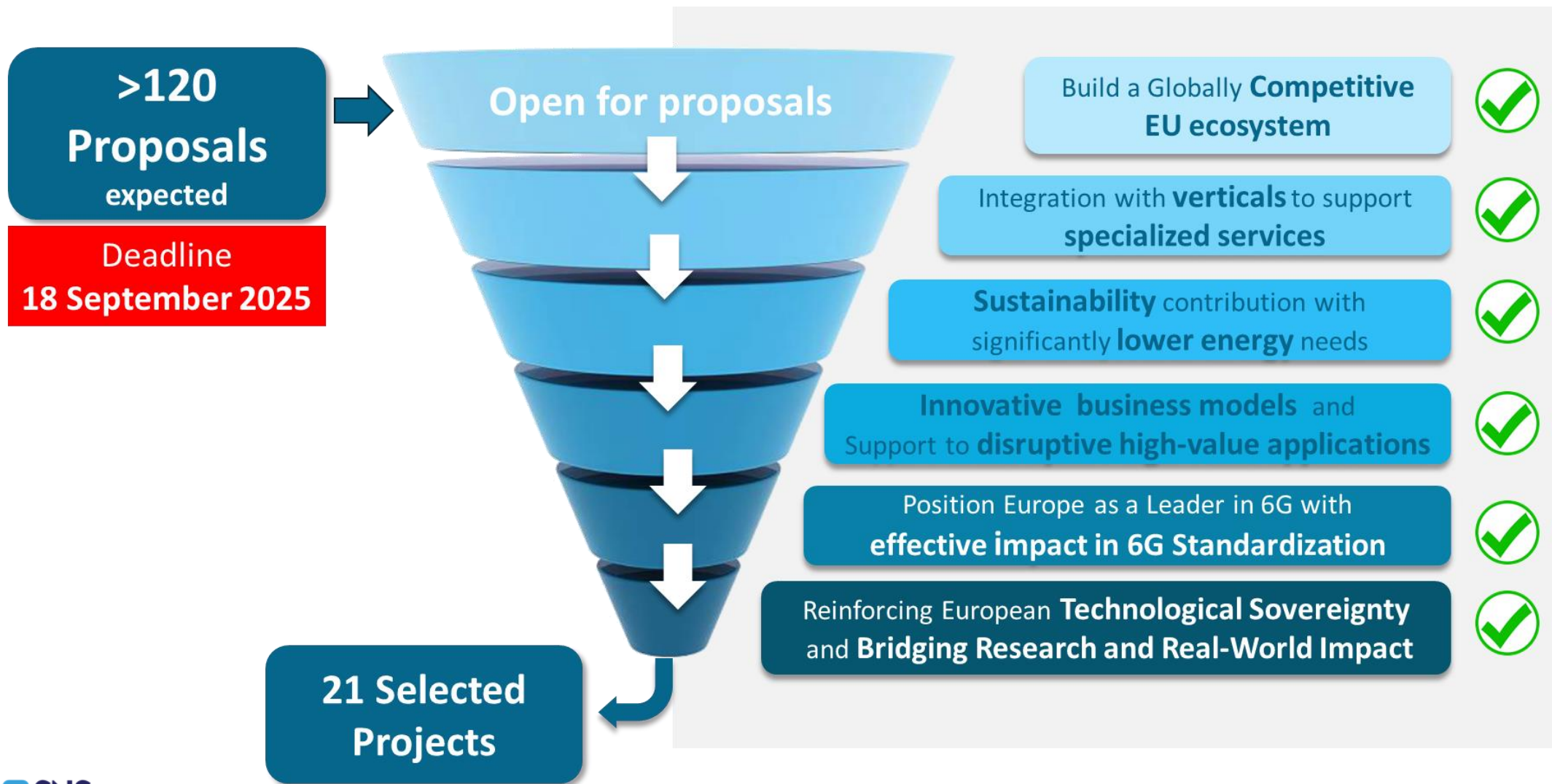
White Paper
How to master Europe's
digital infrastructure
needs?

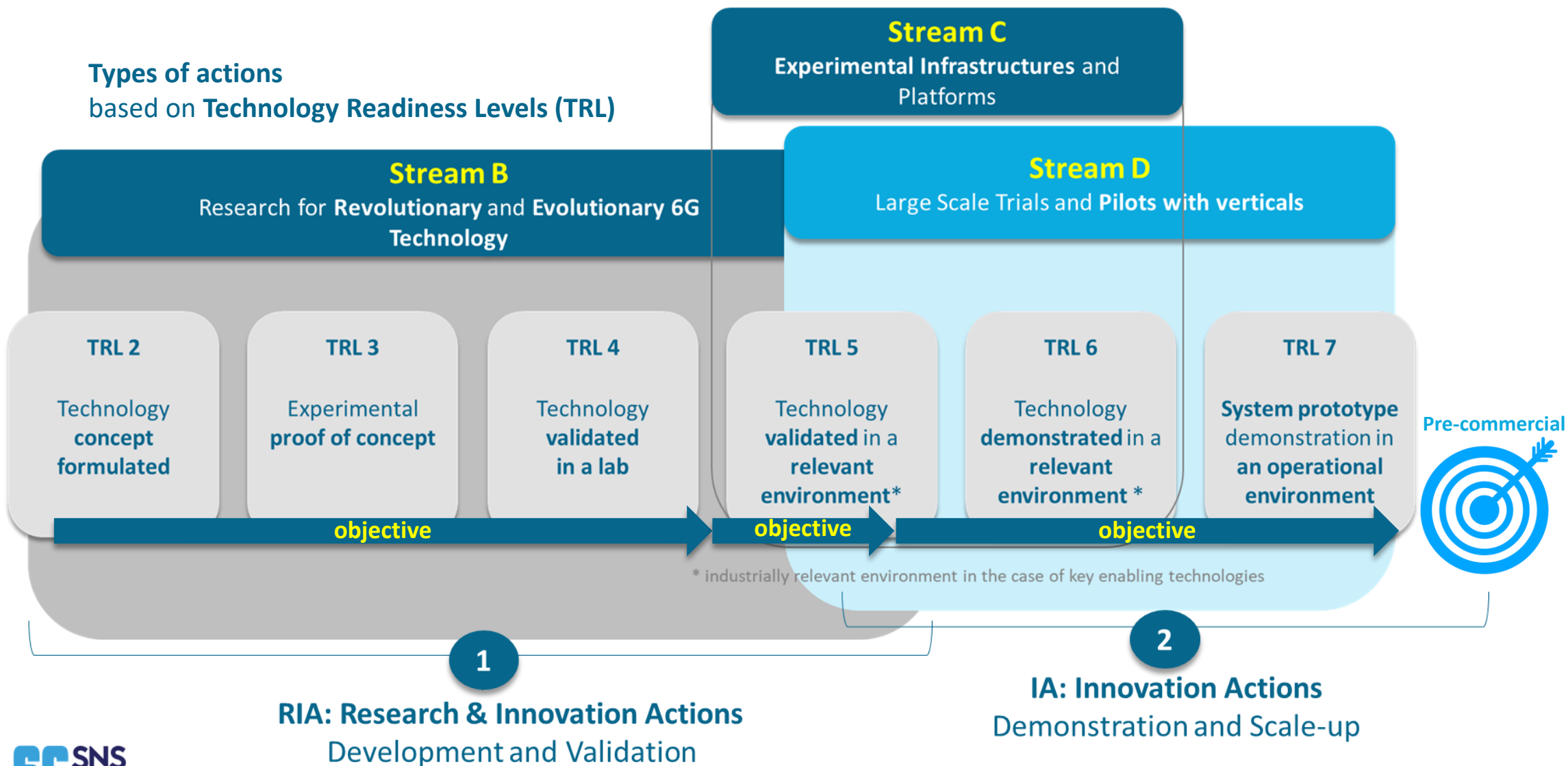


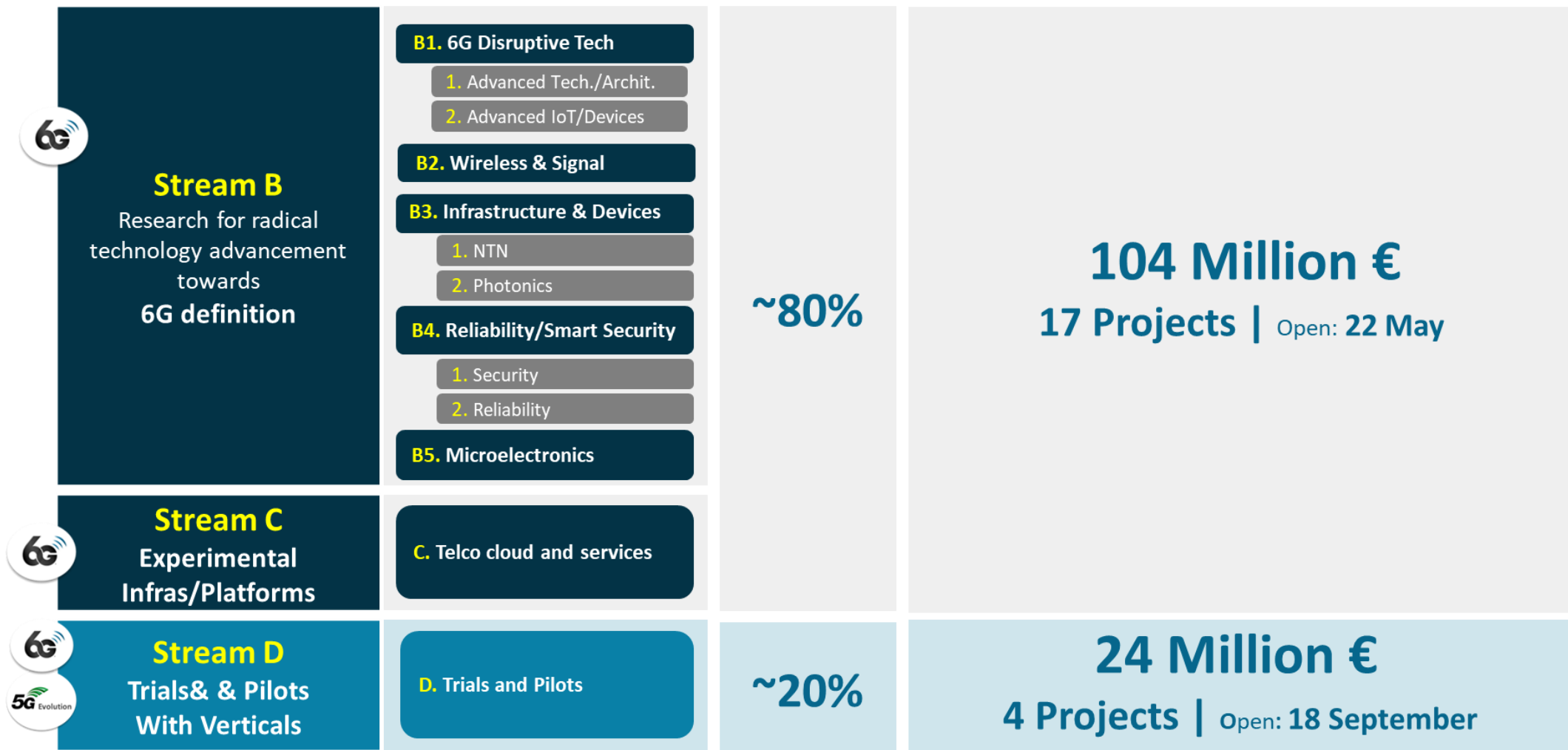
3GPP Standardisation
SA1 Workshop
Use Case Families

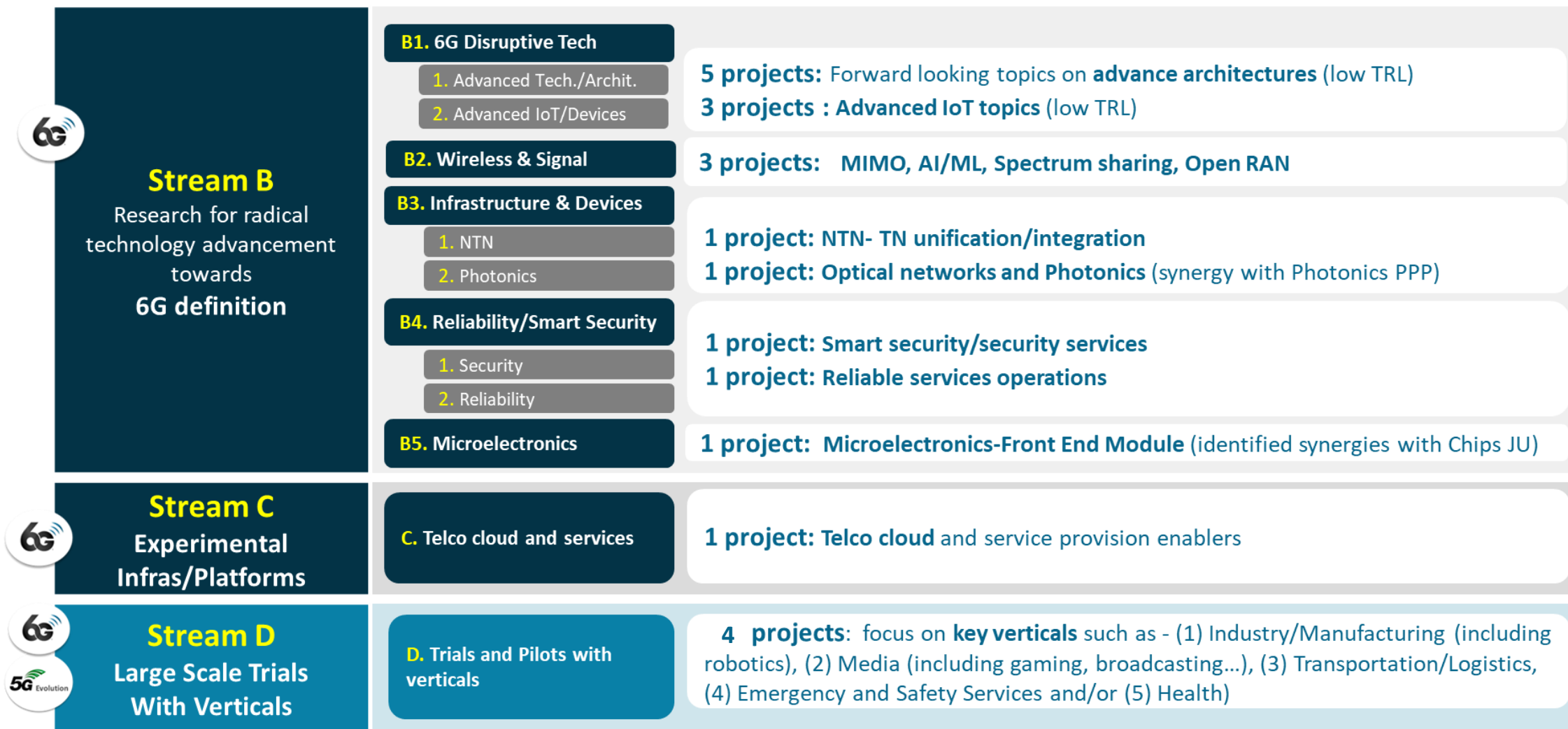


SNS JU
Annual Work
Programme 2025









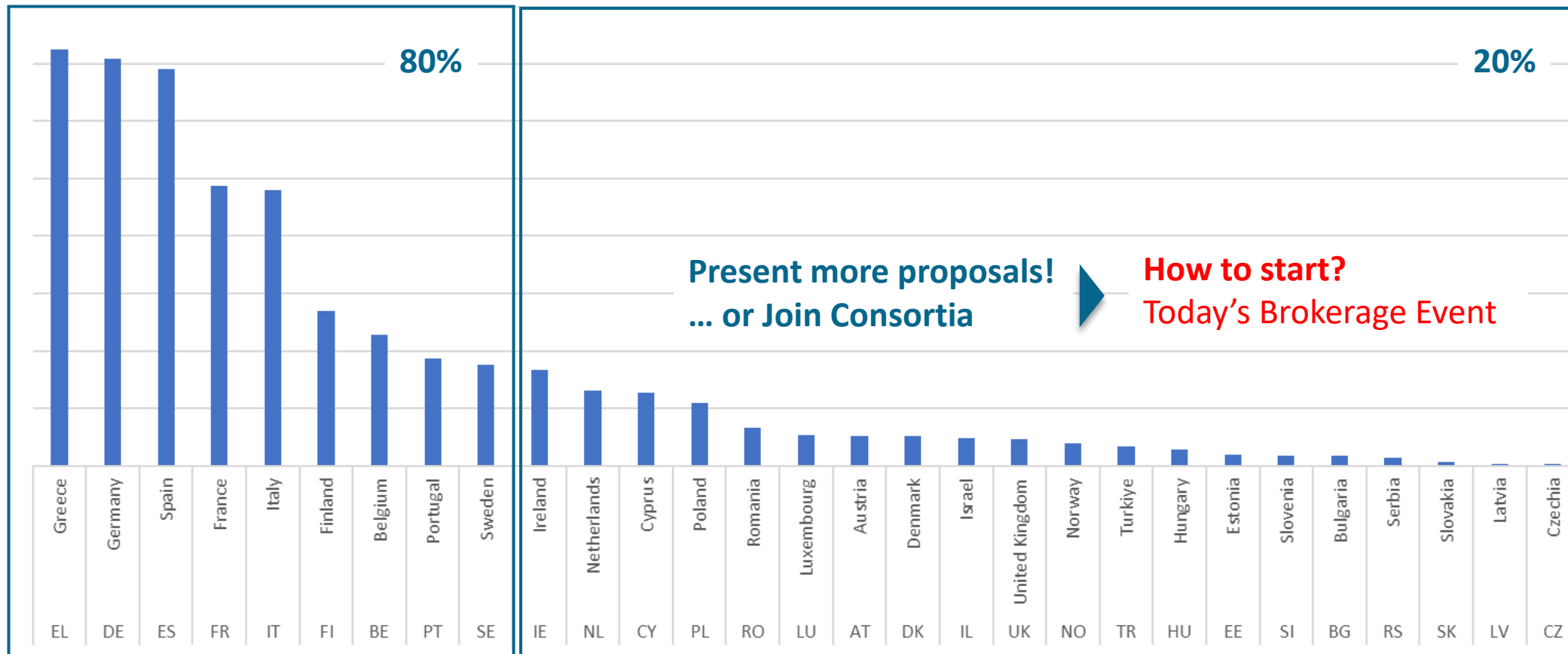
Evaluation Criteria

Max: 70 pages

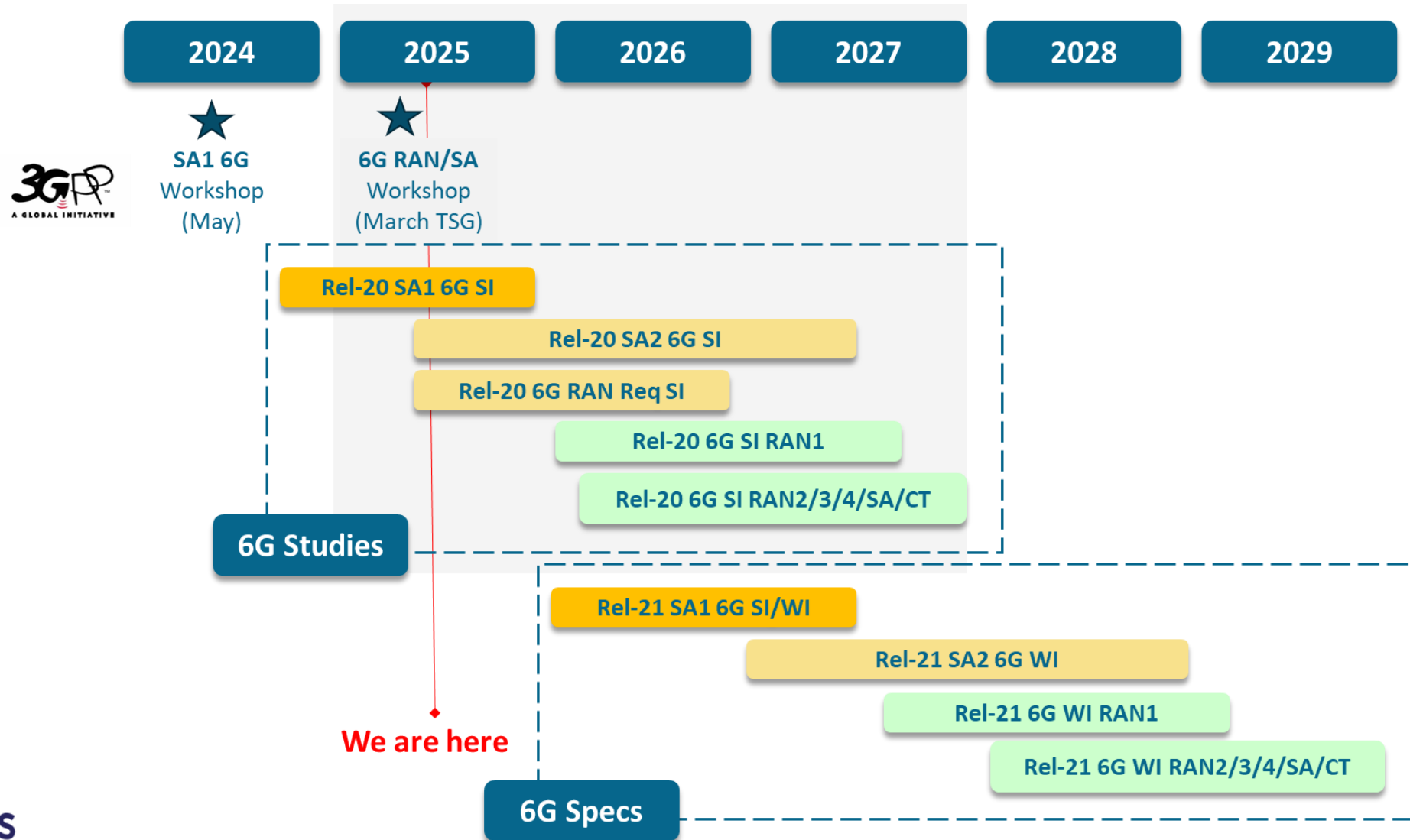


- Demonstrate **clear advancement beyond the current state-of-the-art**.
- **Integrate novel enablers**: AI-native, Joint communication-computation-control architectures, Photonic or microelectronic components critical to 6G, Non-terrestrial networks,...
- Emphasize **openness, modularity, and standard compatibility**
- Highlight project **contribution to EU policy goals and potential synergies**
- Provide **measurable KPIs to evaluate and maximise impact** (scale and significance)
- Include **Key Value Indicators (KVI)s** such as energy consumption or spectrum efficiency
- Build **strong consortia** that bridge Industry (including SMEs), academia, and **Vertical sectors** (e.g., health, manufacturing, mobility, emergency response).
- Consider capacity of each individual participants & consortium as a whole
- Where appropriate, foster **international collaboration** (e.g., EU-US under TTC framework)
- Present a **robust, risk-mitigated implementation plan** with clear work packages, milestones, and resource allocation
- Set **realistic timelines** and scalability strategies
- Address potential bottlenecks (e.g., standardization, deployment constraints, regulatory challenges).
- Articulate a **clear exploitation path from Day 1**: include IP, Industrial take-up and commercialization roadmaps. Clarify ownership of results (IP) early.
- Plan your contributions to open-source initiatives and standardization bodies
- Include dissemination strategies targeting: Policy makers, SDOs and end-users (demand)
- Non-reimbursed portion of eligible (In-Kind activities) **costs contributed by 6G-IA members**
- The level of IKOP contribution is considered during proposal evaluation, especially **in cases where proposals have equal scores**

~500 Million € allocated to 79 projects (Call 1, 2 & 3)



High correlation between #proposals and #projects selected





First 3GPP TSG-wide 6G Workshop. 10-11 March 2025, Incheon, South Korea
1676 registrations and 748 in-person attendees



Source: APEX Standards. 6G Standardization and Research: Key Insights from 3GPP's Inaugural Workshop

219

Cross-sectoral contributions

Traditional Contributors



New Contributors



8



29



37 Contributors 3.6x



30



54

RoW 84 Contributors 1.8x



Technological Leadership

- EU-developed 6G components integrated into global standards and pilot deployments.



Sovereignty & Resilience

- European vendors and cloud platforms scaled up, reducing dependencies on third countries.



Innovation & Industrial Uptake

- Strong participation of SMEs/startups in projects
- Deployment of 6G use cases across verticals.



Sustainability

- Demonstrated energy savings in 6G pilots
- Green-by-design network architectures.



Global Influence

- Increased EU leadership in international 6G fora (e.g. 3GPP, ITU)



Societal Value

- Use cases that support European values (e.g. emergency services, health, sustainability).

Your projects should improve Europe's capacity to transform R&D into industrial strength, global impact, and digital leadership.

Best of luck with your proposals!



SMART NETWORKS AND SERVICES
JOINT UNDERTAKING

THANK YOU FOR YOUR ATTENTION



Contact us: smart-networks.europa.eu

