



SNS JU R&I WP 2024 Briefing Session

Policy context and Orientations

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Digital Decade Communication 2030 Vision & Targets

Skills

ICT Specialists: 20 million + Gender convergence

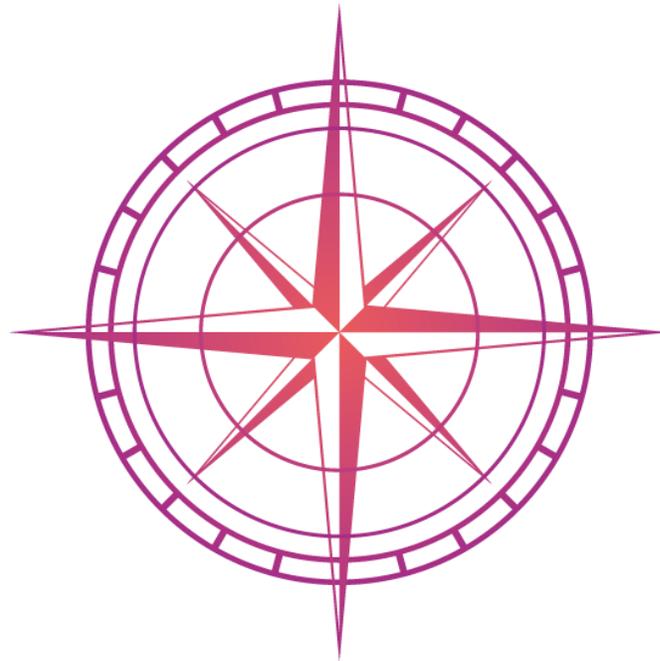
Basic Digital Skills: min 80% of population

Government

Key Public Services: 100% online

e-Health: 100% availability medical records

Digital Identity: 80% citizens using digital ID



Infrastructures

Connectivity: Gigabit for everyone, 5G in all populated areas

Cutting edge Semiconductors: double EU share in global production

Data – Edge & Cloud: 10,000 climate neutral highly secure edge nodes

Computing: first computer with quantum acceleration

Business

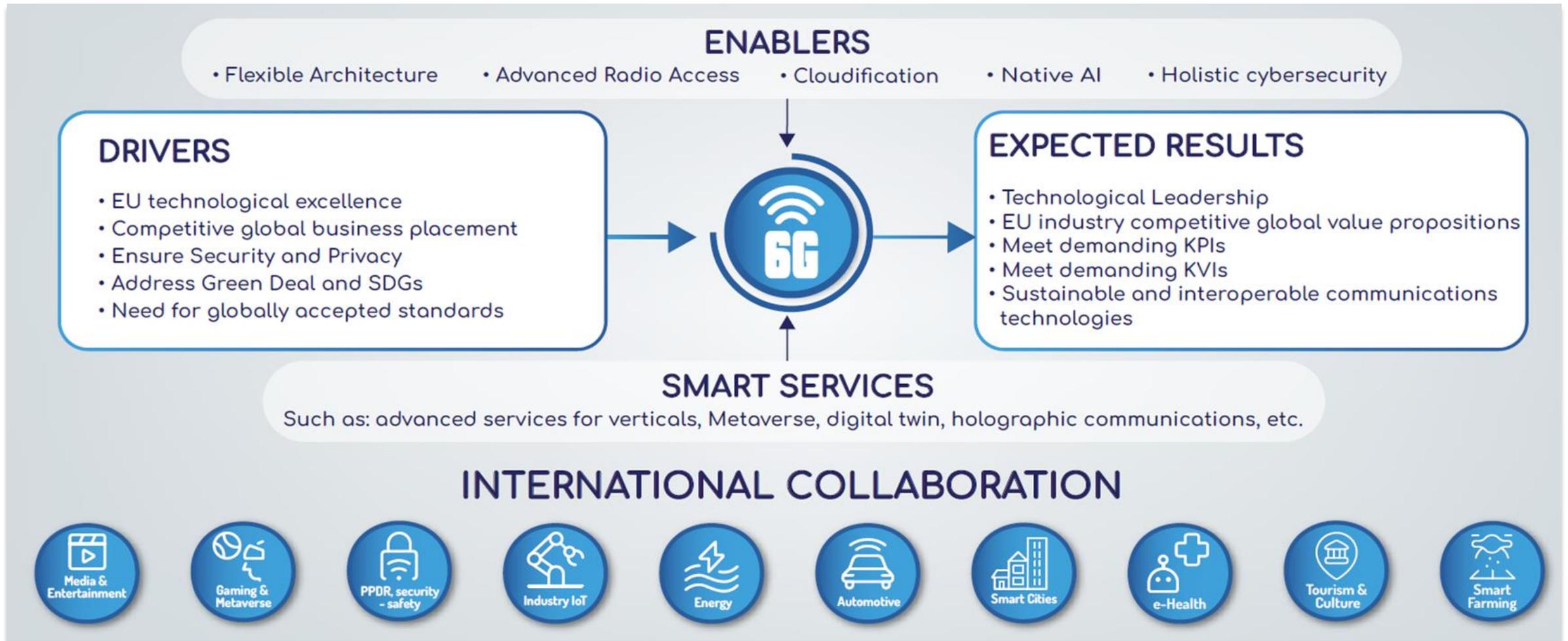
Tech up-take: 75% of EU companies using Cloud/AI/Big Data

Innovators: grow scale ups & finance to double EU Unicorns

Late adopters: more than 90% of European SMEs reach at least a basic level of digital intensity

A Joint Undertaking for 6G Smart Networks and Services

To facilitate and develop industrial leadership in Europe for 5G and 6G networks and services by 2030



SNS JU – Towards 6G in Europe



The Hexa-X flagship + 6G exploratory projects



**Accelerating 5G Deployment
Connecting Europe Facility (CEF2)**

6G SNS

**6G Vision and R&I (Horizon)
across the broader supply chain**

- Tasks set by Council Regulation (2021/2085)
- EU upfront commitment of **EUR 900M** between 2021-2027 (to be at least matched by industry)
- Close involvement of Member States for strategic guidance
- Dedicated Programme Office
- CEF 2: Road and Rail Strategic Deployment Agendas
- Horizon Europe : Calls 1 and 2 - 62 Projects, EUR 380M, <https://smart-networks.europa.eu/project-portfolio/>

The Smart Networks and Services Partnership

Smart Networks and Services
Joint Undertaking

JU
Members



States
Representatives
Group



Stakeholders
Group



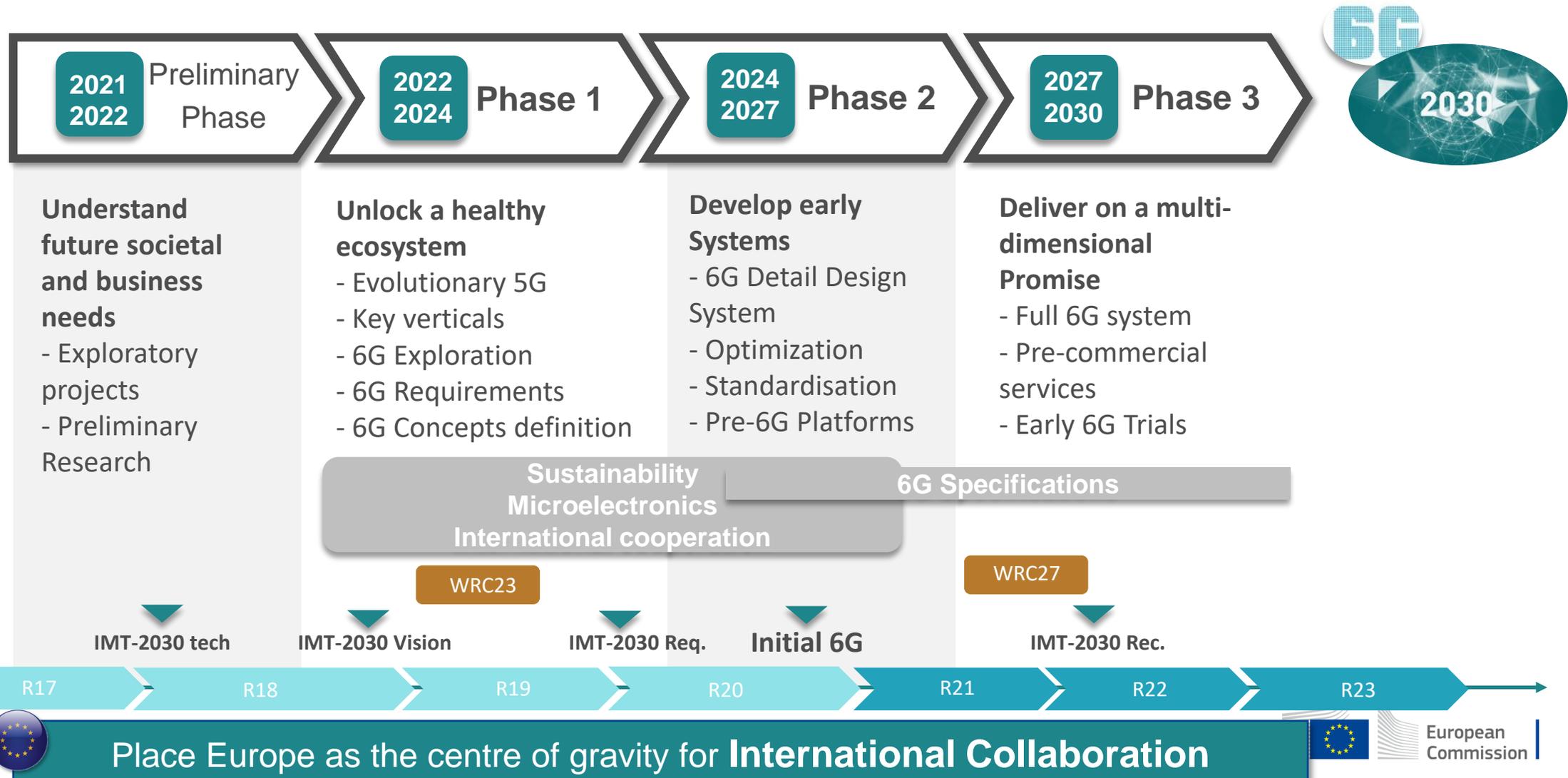
International
Partnerships



- **Representation of Private & Public Sector (50/50)**
- Governing Board: Strategic orientation and roadmap
- Long term commitment (planning and implementation)
- **Synergies with national investments and 6G R&I plans** , through a coordinated approach.
- Consultation and Strategic Guidance.
- Strategic coordination of EU piloting and deployment initiatives
- **Synergies with other partnerships and associations**
- Advisory body
- **Cooperation in mutually relevant domains**
- Associated Countries / multilateral participation
- Long term collaborative cross-roadmaps possible

Collaboration and Partnerships is a Strategic priority for the SNS program

SNS JU Roadmap



European Commission

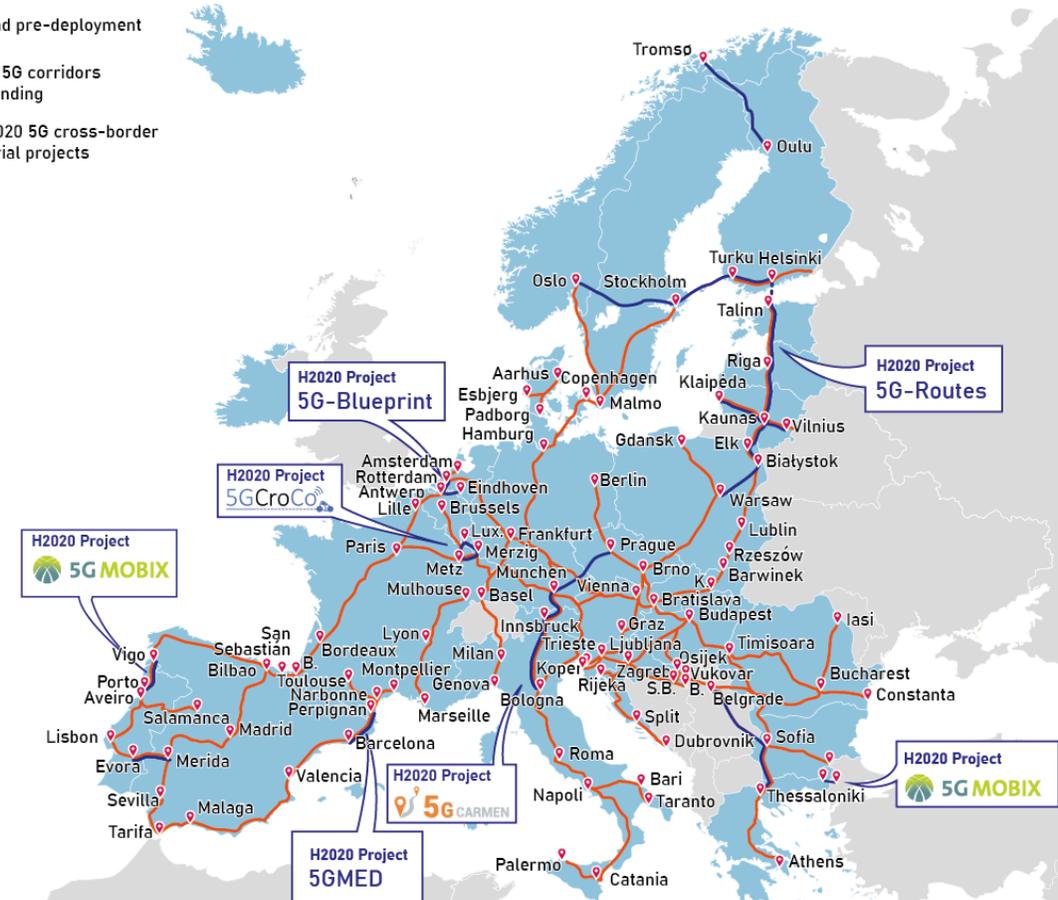
5G Corridors: Driving the EU Green and Digital Transition



- Multi-country project (MCP) Vision: Pan-EU 5G corridors for Connected and Automated Mobility
- Private investment with public funding of cross-border and "challenge" areas
- CEF Digital
 - Objective: 26.000km transport paths along TENT
 - 49 intra-EU borders: Investment required: ~EUR 5,4 bn
 - Planned EC funding ~€800M for 5G Corridors
 - Call-1: projects launched in 2023
 - Call-2: closed, evaluation results in Q4 2023
 - **Call-3: 17 October 2023 - 20 February 2024**
- Blending or coordination with RRF, InvestEU and national programmes
- Smart Networks and Services Joint Undertaking formally tasked to coordinate Strategic Deployment Agendas(Road & Rail)



- Testing and pre-deployment
- Indicative 5G corridors for CEF funding
- Horizon 2020 5G cross-border corridor trial projects



Thank you



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