

From 5G-PPP to Smart Networks and Services JU

Passing the Torch event

25 May 2023

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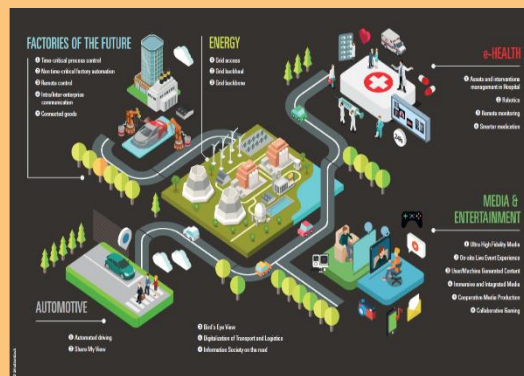
6G SNS



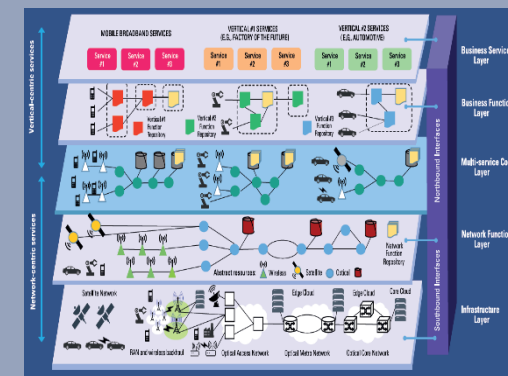
PHASE 1: 5G Core Research

- 5G system design & evaluation aspects
- 5G air interface innovations
- Network management & security innovations
- Virtualisation & service deployment innovations

PHASE 2: System development & application in vertical industries



PHASE 3: Large scale trials and innovation infrastructures



2015

2016

2017

2018

2019

2020

- **5G technology leadership in EU with global impact**
- **Programme-level collaboration among projects (working groups and task forces)**
- **Major impact on 5G standards**
- **5G platforms for trials and pilots all over Europe**
- **Large community building, stakeholders from many business and academic sectors, good SMEs participation**
- **Reference documentations, scientific publications, white papers, brochures**



5G PPP bridging phase

- The Hexa-X flagship + 9 B5G/6G exploratory projects = 65 M€



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



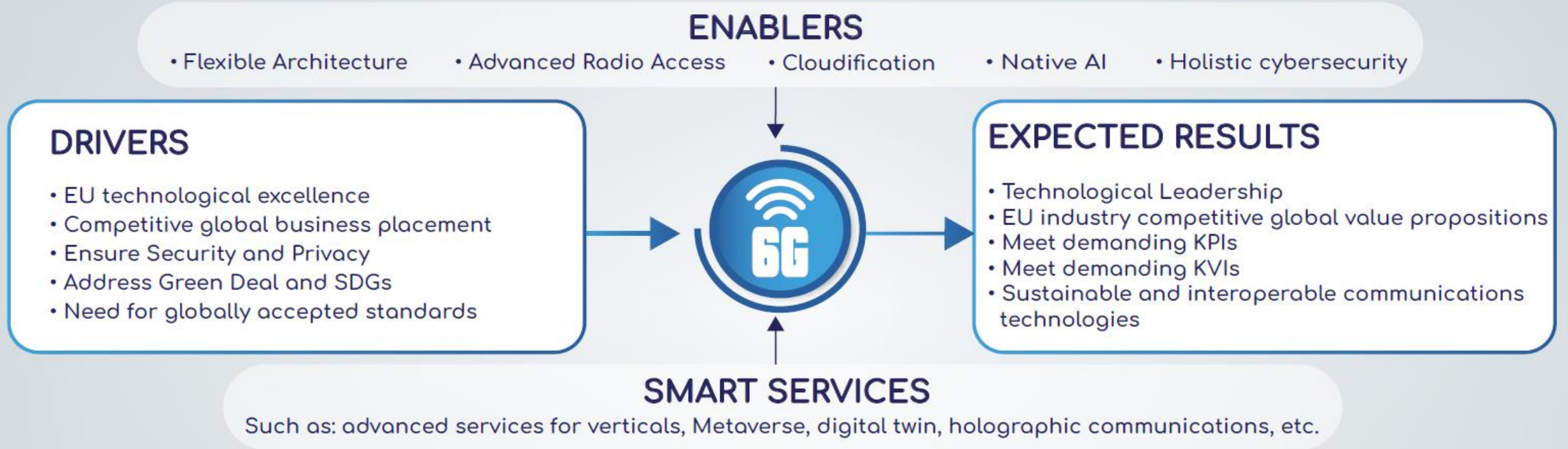
**6G Vision and R&I across the
broader supply chain**

- Tasks set by Council Regulation (2021/2085)
- EU upfront commitment of **€900M** between 2021-2027 (to be at least matched by industry)
- Close involvement of Member States for strategic guidance
- Dedicated Programme Office

A JOINT UNDERTAKING FOR 6G NETWORKS AND SERVICES



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



INTERNATIONAL COLLABORATION



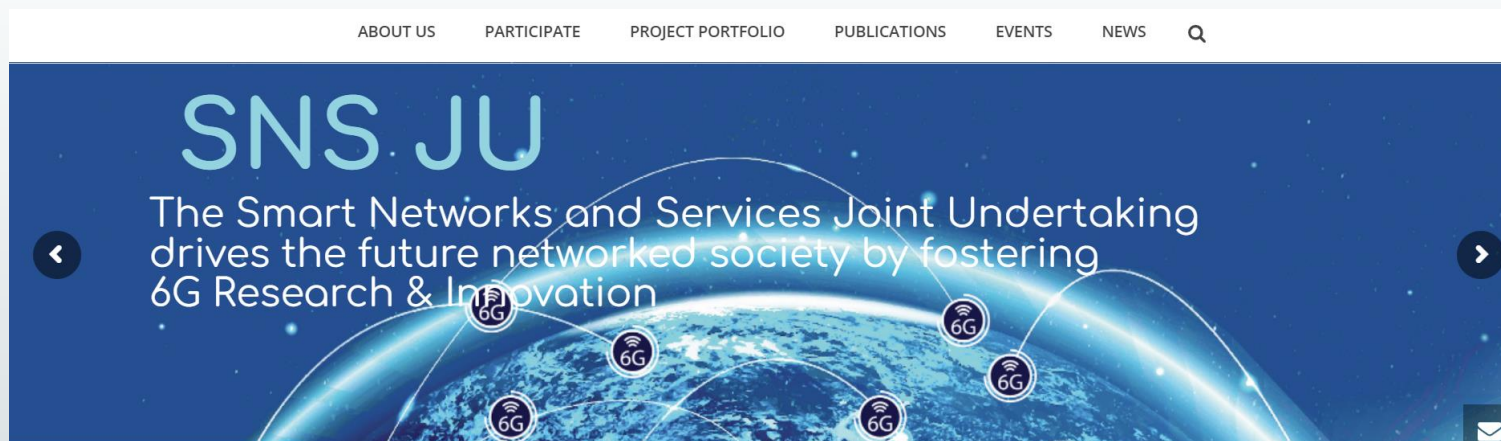
EU R&I funding of € 900 million for the period 2021-2027, at least equally matched by private side resources





Thank you!

Visit SNS JU website: <https://smart-networks.europa.eu/>



Smart Networks and Services
Joint Undertaking (SNS JU)



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