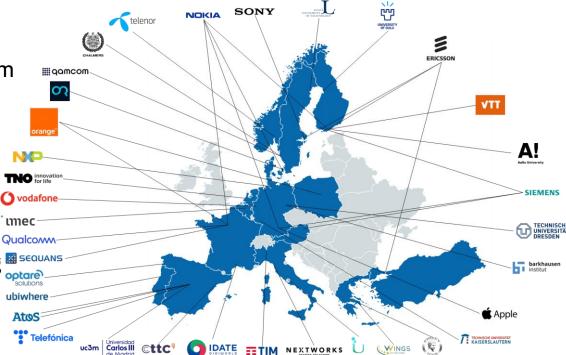


Hexa-X-II overview

- Hexa-X-II is the next European level 6G Flagship
- Focus will be continued development of technology and define the 6G platform and system
- Funded through Horizon Europe SNS-JU
- 44 partners
 - Cover the entire value-stack from hardware to system to platform to applications to service providers and a strong academic presence
- Nokia is overall leader
- Ericsson is technical manager



DIIII



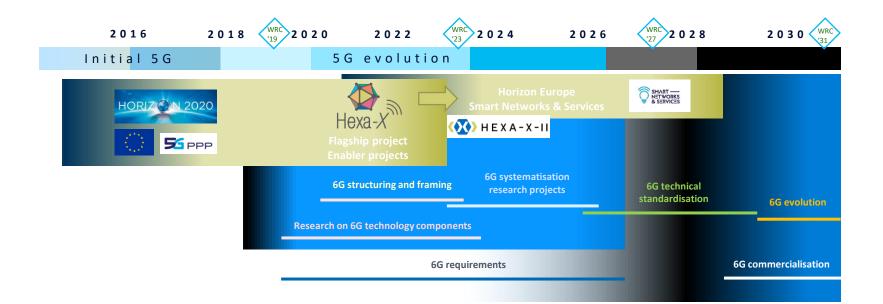
Consortium





Timeline

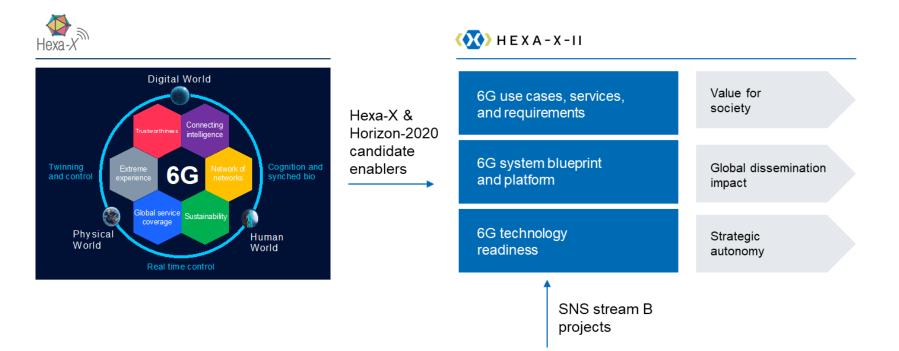




Overall objectives of Hexa-X-II

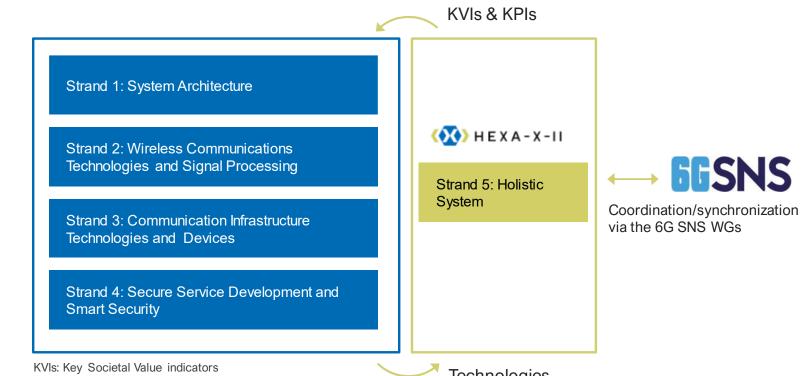


A holistic flagship towards the 6G platform and system to inspire digital transformation for the world to act together in meeting needs in society and ecosystems with novel 6G services



Interactions with other SNS JU projects

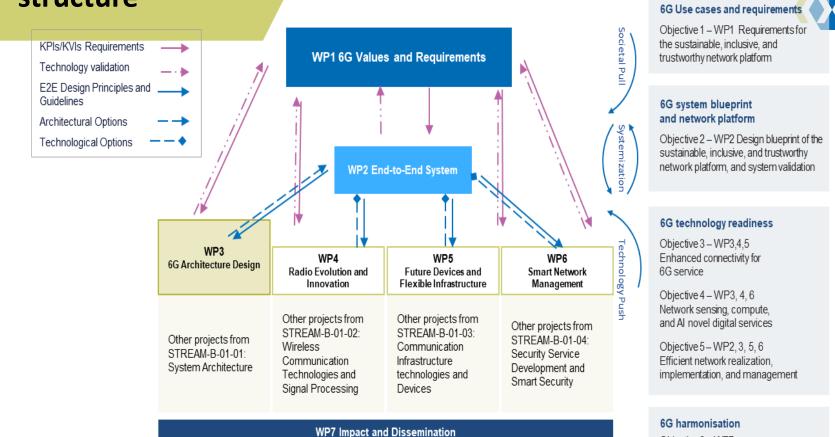




KPIs: Key Performance Indicators

Technologies

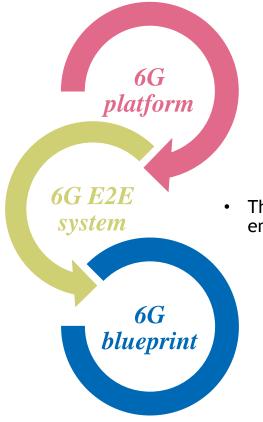
WP structure



Objective 6 – WP7 Impact creation towards a global & holistic 6G era

Hexa-X-II WP2 key terms





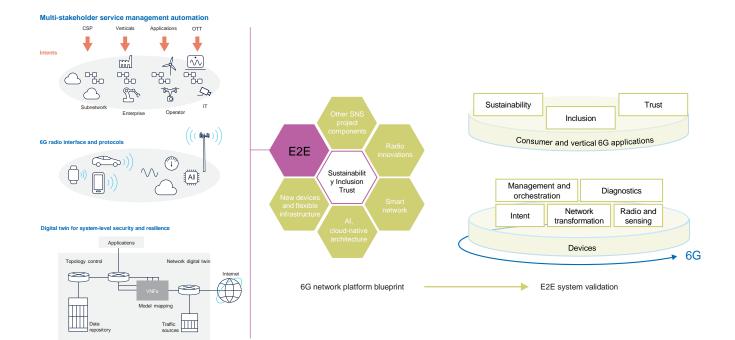
• The external view of a set of technologies and interfaces delivering 6G services to applications, ecosystems, verticals, users etc. enabling value.

• The technical realization of 6G platform which includes the technology enablers and their interaction.

• A reference architecture that meets the E2E system needs with respect to hardware, software and applications.

Hexa-X-II WP2 objectives and technical concepts

Main objective of WP2 is to design a system blueprint aiming at the sustainable, inclusive, and trustworthy 6G platform, and to provide the E2E system validation.



Hexa-X-II WP2 technical concept on E2E system.



Design the blueprint of the sustainable, inclusive, and trustworthy 6G platform, and provide the e2e system validation.

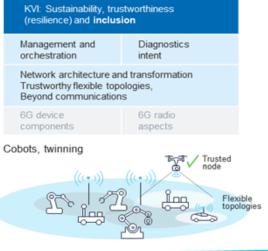
- **T2.1**: overall design of the 6G system, harmonize the end-to-end design principles
- T2.2: overall design of the radio interface and protocol of the 6G SNS platform
- T2.3: intent-based end-to-end service management automation framework in multistakeholder scenarios
- T2.4: validation framework on security, privacy, and the associated resiliency issues
- T2.5: Develop system Proof of Concepts (PoCs) to evaluate at the e2e level the proposed 6G system, and to validate if the system can reach the 6G targeted KPIs/KVIs

Overall view of system PoCs in Hexa-X-II









KVI: Sustainability, trustworthiness (resilience) and inclusion

Management and	Diagnostics
orchestration	intent
Network architecture and transformation Trustworthy flexible topologies, Beyond communications	
6G device	6G radio
components	aspects



Gradual addition



beyond the obvious

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