

Horizon Europe

Acronym / Title	Budget (kEUR)	OIP Role & Benefit
EURO 3C - EUROpean 3C Networks for Secure Telco-Cloud-Edge (HORIZON-CL4-2025-03-DATA-8)	750	European Connected Collaborative Computing Networks (3CN) vision by establishing the first large-scale, federated, open, and sovereign Pan-European pilot Infrastructure for converged Telco-Edge-Cloud services in collaboration with Orange INNOV FR.
CHRISS - Critical infrastructure High accuracy and Robustness increase Integrated Synchronization Solutions (HORIZON-EUSPA-2021-SPACE-02-52)	200	First on the market, an integrated into one device, Galileo based timing distribution and synchronization solution enabling increased resilience, jamming, spoofing and cyber-attack on the fibre optics distribution layer (for 5G Orange network).
HEXA-X-II - A holistic flagship towards the 6G network platform and system, to inspire digital transformation, for the world to act together in meeting needs in society and ecosystems with novel 6G services (HORIZON-JU-SNS-2022-STREAM-B-01-05)	152	Hexa-X-II will address implementation aspects of the 6G platform and encompass a full scope consisting of: defining use cases, services, and requirements, ensuring the value for society, designing the platform and system, ensuring global impact on 6G development.
ETHER - sElf-evolving terrestrial/non-terrestrial Hybrid nEtwoRks (HORIZON-JU-SNS-2022-STREAM-B-01-03)	268	Development of solutions for a Unified Radio Access Network (RAN) and for energy-efficient, AI-enabled resource management across the terrestrial, aerial and space domains, while creating the business plans driving future investments in the area.
ELIXIRION - rEaLlizing healthcare 4.0 eXploiting the 6G netwoRk evolutIOn (HORIZON-MSCA-2022 DN-01-01)	226	Create the first fully-integrated, inter- and multi-disciplinary, highly-innovative training and research network that will set the foundations of the emerging H4.0 paradigm by leveraging, developing, and advancing 6G technologies.
6G Cloud - Service-oriented 6G Network Architecture for Distributed, Intelligent, and Sustainable Cloud-native Communication Systems (HORIZON-CL3-2023-CS-01-03)	225	Investigate, create, and test key technologies to achieve an AI-native and cloud-friendly 6G system architecture on top of the cloud continuum.
SMARTY - Scalable and Quantum Resilient Heterogeneous Edge Computing enabling Trustworthy AI (HORIZON-KDT-JU-2023-1-IA)	223	Cloud-edge continuum, that protects data-in-transit and data-inprocess in order to offer a trustful fabric to run AI processes. Employing novel accelerators for quantum resilient communications, confidential computing, software-defined perimeters and swarm formation.
X-TREME 6G - X Transceivers & RF front-ends made in Europe's Microelectronics light house to Enable new 6G use cases (HORIZON-JU-SNS-2024-STREAM-C-01-01)	200	Develop a next generation radio access technologies for 6G using key disruptive chipsets, chiplets, Joint Communication, Network As Sensor, ML/AI. OPL contributes to Network as Sensor task.
cPAID - Cloud-based Platform-agnostic Adversarial AI Defence framework (HORIZON-CL3-2023-CS-01-03)	253	Develop a cloud-based platform-agnostic defence framework for the holistic protection of AI applications against malicious actions and adversarial attacks.
LLMs4EU - Large Language Models for the European Union (DIGITAL-2024-AI-B-06-LANGUAGE)	200	Coordinated by the Alliance for Language Technologies (ALT-EDIC), aims to preserve European linguistic and cultural diversity in the digital age through cooperation between economic and academic actors.