



PRESS RELEASE

March 2023

Distributed Artificial Intelligence-driven open and programmable architecture for 6G networks

Get to know the ADROIT6G 36-month project!

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|---------------|-------------|
| Start date | 1/1/2023 |
| End date | 31/12/2025 |
| Total funding | € 6.385.438 |

ADROIT6G kick-off meeting

On 26th January 2023, the ADROIT6G project “Distributed Artificial Intelligence-driven open and programmable architecture for 6G networks”, held its physical kick-off meeting in Athens, Greece. This 36-month EU-funded Research and Innovation Action funded under the HORIZON Europe SNS programme officially started on the 1st of January 2023.

The meeting was attended by 13 partners and included partners’ presentations of the vision and objectives of the project, as well as an overview of the project’s expectations and guidelines by the European Commission’s Project Officer. Partners also discussed the project’s work plan, challenges and risks identified, and its implementation schedule.



ADROIT6G project Consortium

ADROIT6G is positioned as a strategic research project involving key actors covering the entire value chain. In particular, the ADROIT6G consortium comprises of 13 organisations from 9 EU member states and 1 associated country (IL) that together form a complete group uniting the necessary interdisciplinary knowledge, expertise, skills, and resources to constitute a representative set of key actors across the value chain, from research and academia (ATH, CYENS, EURE, CNIT, OULU) to industry competitors from large (MLNX, SIEMENS) to small enterprises (CAFA, EBOS, IQ, NXW), from supply vendors (MLNX, SIEMENS) to demand side (NOVA, ORO), capable of achieving the ambitious project goals.

ADROIT6G Concept

ADROIT6G proposes disruptive innovations in the architecture of emerging 6G mobile networks that will make fundamental changes to the way networks are designed, implemented, operated, and maintained. Such innovations include:

1. Artificial Intelligence/ Machine Learning (AI/ML) empowered optimizations across the entire network, for high performance and automation.
2. Transforming the cellular network to a fully cloud-native network software, which can be implemented across a variety of edge-cloud platforms, including Non-Terrestrial Networks, with security built integrally into the network user plane.
3. Software-driven, zero-touch operations and ultimately automation of every aspect of the network and the services it delivers.

ADROIT6G innovations, functionalities, and performance will be validated through 3 representative extreme 6G use cases (UCs), namely:

- The holographic telepresence,
- Industrial Internet of Things, and
- Collaborative robots/drones

More information about the project can be obtained from the project website

<https://adroit6g.eu/>

