

Press Release



EUROPEAN PROJECT KICKS OFF PIONEERING ON NEW FRAMEWORKS FOR DATA GOVERNANCE AND INTEGRATION

Barcelona, January 10-11, 2024: The EU- funded CyclOps project aims to facilitate the adoption and production of data, models, and services **from and for data spaces** to enable AI-based data-driven applications for all players, business and research alike.

The objective is to provide **interoperable, trustworthy** and **secure** automatic management, governance, and maintenance of the entire data life cycle for large-scale volumes of data generated in heterogeneous distributed sources to **enable data sharing and exchange in data spaces**.



Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or Research Executive Agency. Neither the European Union nor the granting authority can be held responsible for them.



The consortium is formed by 24 partners from 11 different countries including large companies and SMEs, Research & Universities and associations.

Specifically, CyclOps sets out to achieve the following objectives:

- **to design and develop the CyclOps platform** to automate the generation of data processing pipelines.
- **to validate the solution through the deployment of four use cases** linked to the European Data Spaces, spanning areas such as tourism and mobility, the Green Deal, public procurement, and manufacturing.
- **to establish an open ecosystem** that leverages and engages with data spaces and other European data sources and services.

Project Coordinator Mónica Caballero from NTT Data states “ In this new data-based economy era we are living, CyclOps addresses the need for a systematic and standardised mechanism to ingest, integrate and analyse data, addressing challenges such as considering the whole data life cycle, interoperability and portability of data between and across sectors, cybersecurity, privacy and fairness aspects, and human-related aspects, both considering social and cultural factors when needed, ability to process human-generated and human-related data and integrating the human in the loop in a seamless manner. All in all, CyclOps is a very ambitious project. I’m honoured to lead its multidisciplinary consortium with partners offering both experience and background to create a strong and solid basis for ensuring success of our project’s activities and their future exploitation.

Furthermore, CyclOps is poised to make a substantial impact across three key dimensions:

Scientific Perspective: CyclOps aims to transcend traditional domain boundaries, enhancing data space technologies, knowledge graph capabilities, and human-centric data integration.

Economic Impact: By enabling SMEs and smaller players to participate in the data economy, CyclOps is set to facilitate the provision of data-based value-added services, thereby enhancing EU global competitiveness.

Societal Implications: CyclOps endeavors to bolster workforce skills, create new job opportunities, and foster public engagement in the digital economy, while also building trust in data systems.





Contacts:

Project coordinator: Mónica Caballero, NTT Data, monica.caballero.galeote@nttdata.com

Communication manager: Dolores Ordoñez, AnySolution, dom@anysolution.eu



Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or Research Executive Agency. Neither the European Union nor the granting authority can be held responsible for them.