

PRESS RELEASE

MANOLO gathers for the 5th project meeting in Madrid, Spain!

The MANOLO project organized its fifth consortium meeting on 21-22 October 2025 in Madrid, Spain. The meeting, hosted by [28DIGITAL](#), brought together all project partners to discuss progress and future directions for the project's implementation.



Highlights:

The meeting commenced with a warm welcome from 28DIGITAL and opened with a reflection on key feedback received from the recent periodic review.

The meeting featured a collaborative effort across all partners, showcasing their progress. The full architecture was presented and emphasis was given to engineer such framework/architecture for integration, to help partners gain a clearer understanding and ensure a cohesive approach. The open and active discussions played a central role in aligning the project's technical direction and strengthening collaboration across the consortium. Also, a workshop with the members of the Ethics and Industrial Advisory Board was held to present the current status of the MANOLO project and the second version of its system architecture.

In addition, we focused on the Data Tier - responsible for storing, managing, and retrieving data - and partners' contributions of algorithms and models, towards creating a fully functional tool. Furthermore, our discussion was centered on aligning the MANOLO framework with the outcomes of each Work Package. Updates on Use Cases (Robots in Manufacturing & Healthcare, Smartphones in Telecommunications, IoT - Wearables in Healthcare) were shared, highlighting advancements in deployment, model integration, data handling, and trust-related features, while also explaining how each use case envisions using MANOLO.

Key points:

- **Robots UCs:** Implementation of Model Performance and Energy Monitoring tools to optimise energy consumption and sustain low-latency responses, particularly for deployment on edge devices.

- **Smartphones UC:** Progression with two AI applications for image classification and face recognition, achieving a first cloud-based milestone and preparing edge and cloud–edge deployments via MANOLO.
- **Wearables UC:** Initial tests will be conducted using simulated data to evaluate model performance and energy efficiency under neuromorphic edge conditions and to explore federated learning and benchmarking workflows. These simulations will provide a first validation step before moving, if ultimately feasible, to real-world integration with MANOLO components.

The meeting concluded with clear action points for the consortium’s next phase of work, including planning for upcoming deliverables, dissemination activities, hackathons, and summer schools were addressed, along with an update on the progress of the Consortium Agreement.

The MANOLO consortium, under the leadership of **Ireland’s National Centre for Applied AI, CeADAR**, is composed of 18 partners across 8 European countries: Ireland, Belgium, Finland, France, Germany, Greece, Romania, and Spain. The consortium members include: [NUIDUCD-CeADAR](#), [UPC](#), [ATOS IT](#), [EVIDEN RO](#), [TUBS](#), [NCSR "D"](#), [FDI](#), [INRIA](#), [Fraunhofer IIS](#), [UPSaclay](#), [ARCADA](#), [KU Leuven](#), [LAUREA](#), [PAL ROBOTICS](#), [BIT&BRAIN](#), [ARX.NET](#), [Q-PLAN](#), and [28DIGITAL](#).

