



Spanish Technological Delegation to the 13th NEDO-CDTI Workshop 2025



*"Scouting for Industrial R&D Collaborations
with Japan in the field of
AI Equipped Collaborative Robot"
Tokyo, Dec. 11th, 2025*

SPANISH DELEGATION MEMBERS

HISPAROB



<https://www.hisparob.es/>

The Spanish Technological Robotics Platform – HispaRob – is a collaborative ecosystem that unites universities, technology centers, research institutions, and companies committed to advancing robotics.

Our mission is to position Spain as a global leader in robotics by fostering cross-sector collaboration, providing strategic guidance, and cultivating a strong network that accelerates innovation and development across all areas of society and industry.

Our work encompasses a wide range of sectors, including medical and assistive robotics, education, safety and critical infrastructure protection, inspection and maintenance, logistics and supply chain management, as well as agriculture, manufacturing, and emerging service industries.

Together, we are shaping a future where robotics enhances productivity, well-being, and sustainability throughout society.

INROBICS SOCIAL ROBOTICS, S.L.



inrobits
robots for a better quality of life

<https://inrobits.com/>

Inrobits is a spin-off from Carlos III University of Madrid specialized in digital health by integrating social robotics and artificial intelligence to create solutions that make a difference in fields such as rehabilitation, care, and education.

We are experts in the development and use of AI systems (decision making, machine learning, generative AI) for supporting people in their well-being by the use of social assistive robotics and virtual systems.

At Inrobits, we bring virtual avatars and robots to life by integrating them with our social AI, [ALMA](#), and with all the supporting architectures (user apps, cloud storage, sensors, actuators, etc.). Any robotic framework is welcome since our modular design permits to integrate ALMA with any device, sensor or robot.

ROBOTNIK AUTOMATION, S.L.



<https://robotnik.eu/>

Robotnik is a leading European company in autonomous mobile robots (AMRs) and mobile manipulators. Since 2002, we design and manufacture modular, ROS 2–based platforms that operate safely alongside people in **Manufacturing, Inspection and Logistics**. We deliver full projects—from platform supply to integration (WMS/MES/PLC), fleet management and simulation—and our technology is proven through global deployments and numerous EU-funded R&D programs. Our open architectures and proprietary modules enable faster customization, certification and scale for partners.

Seeking partners for co-development and localization of **AI-enabled** AMRs/mobile manipulators (perception, VLM-assisted supervision, manipulation & planning), joint factory pilots, integration with WMS/MES/PLC and digital twins, and collaborative R&D on simulation, safety and cyber-resilience.

PAL ROBOTICS, S.L.



<https://pal-robotics.com/>

PAL Robotics is a Barcelona based company with over 20 years of experience in service robotics and solutions deployed in more than 30 countries. We design and manufacture advanced and adaptable robotic platforms with an open-source software architecture. We create solutions to enhance people's life, integrating our humanoids, mobile manipulators and autonomous mobile robots across healthcare, logistic, and industrial environments. With extensive experience in collaborative R&D projects, PAL Robotics has proprietary actuation and control systems, and reliable, modular hardware that enables innovation in AI-Ready robotics, human-robot collaboration and next-generation automation wherever it is needed.

**DGH ROBOTICA,
AUTOMATIZACION Y
MANTENIMIENTO
INDUSTRIAL, S.A.**



<https://www.grupodgh.com/en/>

DGH is a Spanish company with a nationwide presence and extensive international reach, specialising in the automation and integral maintenance of production processes in all industrial sectors. In DGH exist three main Business Units: Engineering, Industrial maintenance and Innovation. Actually we are in process of integration on ADF Groupe.

The DGH Innovation Department is responsible for keeping up to date with all the technological innovations in the field of engineering, robotics and industrial automation available on the national and international market. This information is passed on to the other DGH departments, which transform it into practical knowledge when it comes to designing, developing and implementing the most efficient and functional industrial solutions. Our expertise was developed in different R&D projects executed and in execution. This expertise is centralized on:

- Robot collaboration and human-robot collaborative workspaces.
- Autonomous robotics and task planning based on Artificial Intelligence (AI).
- Mobile robots and reconfigurable tools.
- Multi-level active safety systems for the safe use of high-speed industrial robots and load capacity in shared space with humans.
- Hand guiding systems for industrial robots.
- Etc.

You can see all the innovation activities and projects information on: <https://www.grupodgh.com/en/what-we-do/innovation/>