

ONE4ALL PROJECT

PERIODIC UPDATE ON OUR ACTIVITIES

From Innovation to Standards: ONE4ALL Tackles the Gaps

As advanced technologies move from research to real industrial environments, existing standards do not always fully address the new challenges emerging from innovative robotic, digital and AI-based solutions.

In July 2026, [CRIT S.r.l.](#) organised a dedicated **Standardisation Workshop**, bringing together ONE4ALL partners to identify areas where current standards may need to evolve and to discuss possible solutions based on the experience gained during the project.

The workshop involved representatives from [InnoBoTics S.r.l.](#), [InnoGlobal Technology](#), [InnoGlobal Skills](#), [Karlsruhe Institute of Technology \(KIT\)](#), [IDENER.AI](#) and [EXELISIS IKE](#), who contributed their technical expertise and experience from the development and implementation of ONE4ALL technologies.

The discussion focused on four main areas:

- **Safety of mobile manipulators**, combining robotic arms and mobile platforms in dynamic industrial environments;
- **Interoperability and mission management** between robotic and digital systems;
- **Validation of AI-based components**, including vision and Optical Character Recognition (OCR) systems;
- **Validation of Digital Twins and Decision Support Systems**, including multidimensional models and closed-loop decision-making.

During the workshop, partners reviewed the identified gaps, shared the practical solutions and workarounds developed during the implementation of ONE4ALL technologies, and discussed how these experiences could contribute to improving existing standards or supporting the development of new ones.

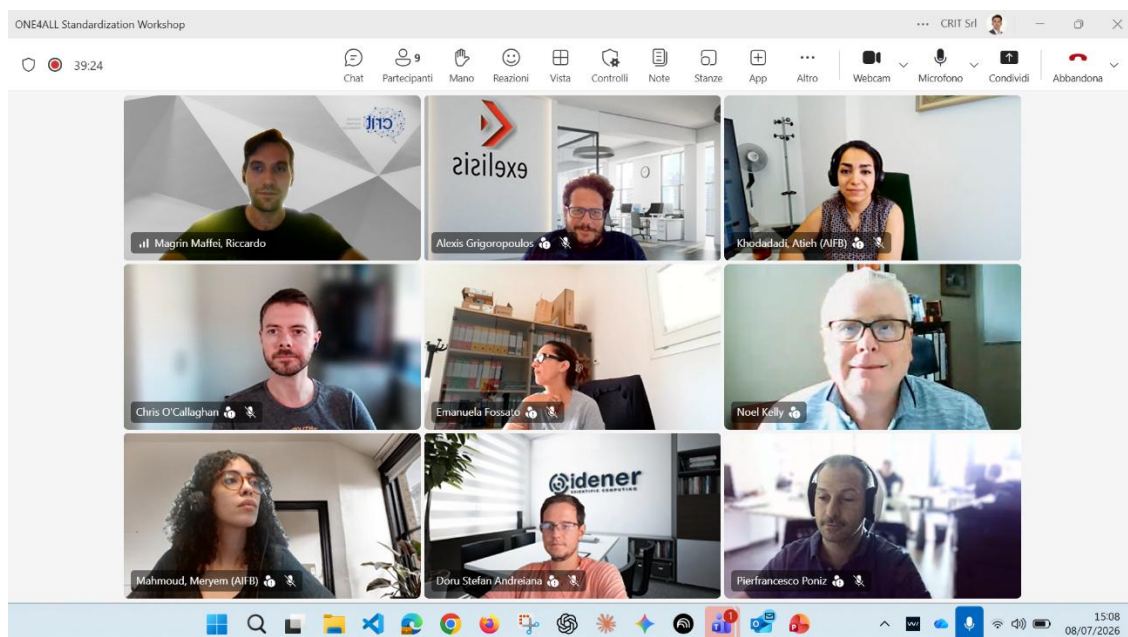


Figure 1: ONE4ALL partners participating in the Standardisation Workshop

What comes next for ONE4ALL standardisation?

The work does not stop here.

The next step collects further evidence from the **2026 ONE4ALL industrial demonstrations** and translates the lessons learned into a structured contribution to future standardisation activities.

By addressing these gaps, ONE4ALL aims to support not only the development of innovative technologies, but also the frameworks needed to make them safer, interoperable and ready for wider industrial adoption.

🔔 Stay tuned for the next updates on development progress with the upcoming focus on [ONE4ALL website](#) and social media.

What's next for ONE4ALL? A busy autumn ahead!

Autumn 2026 will bring new opportunities for ONE4ALL to share its results, connect with the European manufacturing community and bring the project closer to new audiences.

ONE4ALL featured in Projects Magazine

This autumn, **ONE4ALL will be featured in Projects Magazine**, [Insight Media](#)'s publication dedicated to European research and innovation for a broad international audience. The magazine is distributed across **32 European countries**, helping research projects reach stakeholders beyond their immediate scientific and industrial communities.

The article will be an opportunity to present ONE4ALL's technologies, achievements and contribution to the future of European manufacturing.

[See you at ManuDays 2026!](#)

On **17-18 November 2026**, ONE4ALL will take part in [Manufacturing Partnership Days 2026](#), organised by [EFFRA](#) at **SILO Brussels**.

The event brings together the European manufacturing research and innovation community to share project results, exchange ideas and create new collaborations.

ONE4ALL will be there to **showcase the project's results**, meet other innovators and create new networking opportunities with the European manufacturing community.

And there will be more for visitors waiting at our stand!

ONE4ALL will organise an **interactive hackathon** based on four real challenges the partners tackled during the project. Visitors will be invited to put their ideas and problem-solving skills to the test, explore the challenges behind ONE4ALL technologies and discover how the project has approached real manufacturing needs.

🔗 Come and visit the ONE4ALL stand, take part in the challenge and discover the results of the project!

[Bringing ONE4ALL to the next generation](#)

ONE4ALL will also bring its challenges into the classroom.

In partnership with the **Primo Levi High School in Vignola, Italy**, the project will organise a dedicated hackathon for final-year students in the IT and mechanics courses.

Students will learn about ONE4ALL and work in teams using AI on challenges inspired by the real industrial applications addressed within the project, developing and presenting their own ideas and solutions.

The activity will offer a different way to disseminate ONE4ALL results, bringing European research, robotics and advanced manufacturing closer to younger generations and allowing students to explore how innovation can respond to real industrial challenges.

[ONE4ALL and MARS: looking at the future of European manufacturing](#)

In December, ONE4ALL and its sister project [MARS](#) will organise a joint online event within the [AMiMO Cluster](#) – **Automated Manufacturing with Intelligent Modules**, which brings together EU-funded projects working on modular and flexible manufacturing.

In the event, addressed to project partners and key stakeholders, we will discuss the future of European manufacturing, foster knowledge exchange and collaboration across the AMiMO community and present the main results of both projects.

Want to know more about the project?

More details on the project activities, results, consortium are available on the official website: <https://one4allproject.eu/>

To remain updated, follow ONE4ALL social medias: [LinkedIn](#) , [X](#) and [YouTube](#)