

ONE4ALL PROJECT

PERIODIC UPDATE ON OUR ACTIVITIES

Progress Update on Testing Activities and Video Demonstrations

In the latest press release ([November 2025](#)), we presented the ongoing testing phase of the ONE4ALL solutions, together with the preparation activities for their deployment in the [Madama Oliva](#) demonstrator.

Since then, further progress has been achieved. Two update videos have been published on the project's [YouTube channel](#), showcasing the **integrated technologies** developed by the consortium and their operational capabilities in a real industrial setting.

The most recent video highlights the robotic system installed by [Innobotics](#) and demonstrates a complete automated workflow: <https://youtu.be/rUcTCTJxZEI?si=zME3ysFFbNyFCB-Q>

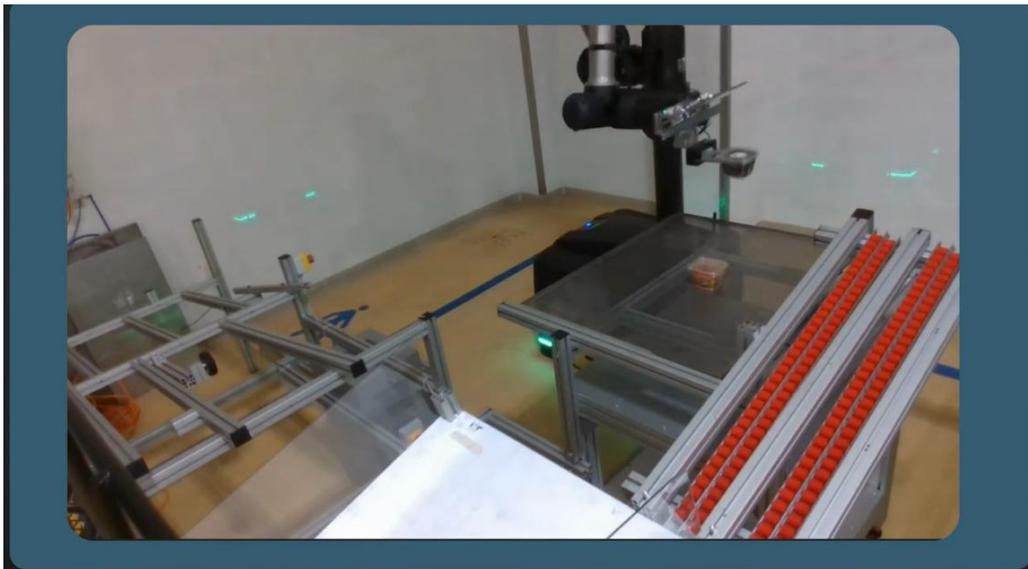


Figure 1: Video - Deployment of ONE4ALL solution in Madama Oliva

In particular, the robotic arm performs the following sequence of operations:

- Detects the position of products on a metal tray using its vision system
- Picks each product and presents it to a camera for verification of the expiry date printing
- Sorts the product into either the “correct print” or “incorrect print” lane based on the inspection result
- Identifies when the metal tray is empty
- Transfers the empty tray onto a sliding system, moving it to a retrieval point outside the robotic cell.



Figure 2: Video - Testing of ONE4ALL solution at Innobotics

These results confirm the effective integration of robotics, machine vision, and quality inspection technologies within the ONE4ALL framework, bringing the solution closer to full industrial deployment.

👉 Stay tuned for the next updates on testing activities, with the upcoming focus on the [Innoglobal](#) demonstrator.

Advancing Scientific Dissemination

One of the key priorities in the final year of the ONE4ALL project is the **publication of scientific articles**, aimed at strengthening the project's impact within the research and industrial communities. Universities and research partners are actively contributing to this effort with strong dedication.

Several new scientific publications have recently been released and are now available on the [ONE4ALL website](#) and within the [project's Zenodo community](#).

Are you curious to discover more about:

- Automated creation of Digital Twins for human-centric manufacturing systems?
- The role of Digital Twins in improving energy efficiency and sustainability in industry?
- Advanced methods for extracting comprehensive models of smart manufacturing systems?
- Data-driven approaches, such as Petri Net modelling and simulation, for next-generation Digital Twins?

These publications provide valuable insights into the technological foundations developed within ONE4ALL and highlight the project's contribution to the evolution of smart and sustainable manufacturing.

Discover with us the latest publications and visit the ONE4ALL Zenodo community to access and download the research: <https://one4allproject.eu/>

A big milestone: the second Review Meeting

Held in person on 5 March in Brussels, the 2nd Review Meeting marked a key milestone for the ONE4ALL project, reinforcing the consortium's shared commitment to delivering impactful and innovative solutions. The discussions highlighted the substantial **progress achieved** so far and helped define **clear priorities** for the upcoming months.

A central focus of the next phase will be the demonstration and validation of the project's technologies. Implementation activities have already been successfully completed at [Madama Oliva](#), while deployment at [InnoGlobal](#) is scheduled to begin in June. These demonstrators will play a pivotal role in assessing the performance and **real-world applicability** of the solutions developed by the consortium.



Figure 3: Group photo - 2nd Review Meeting in Brussels

During the meeting, the Project Officer and reviewer emphasized the importance of careful and forward-looking planning for this critical phase. The results obtained from the testing activities, along with the outcomes of the demonstrations, will be decisive for evaluating the overall success and impact of the project.

The review meeting also provided a valuable opportunity for constructive exchange with European Commission representatives and reviewers, further strengthening collaboration among partners as the project progresses toward its final stage.

As ONE4ALL enters its concluding phase, the consortium remains strongly aligned and motivated to achieve its objectives, continuing to foster collaboration and drive innovation at the European level.

[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](#)