INDUX-R project has successfully completed the Large-Scale Testing phase for Use Case 2 (UC2)



The **INDUX-R project** has successfully completed the Large-Scale Testing phase for Use Case 2 (UC2), validating our developed modules in a real-world user environment. Building on insights from earlier small-scale trials, this phase focused on evaluating recent system upgrades and measuring how effectively the tools perform in practice.

During the sessions, end-users engaged in hands-on testing of two core applications:

- An **Augmented Reality (AR)** Application: Designed for real-time monitoring of plant status, complete with integrated collaboration tools to support on-the-floor decision-making.
- A **Virtual Reality (VR)** Training Application: Built to train workers on production line maintenance procedures in a safe, immersive environment.

By interacting directly with both tools, participants evaluated the updated functionalities and overall usability, providing a clear picture of how the solutions meet daily operational needs.

The Large-Scale Testing phase enabled the INDUX-R team to:

- **Validate Upgrades**: Confirm the effectiveness of improvements made since the Small-Scale Testing phase.

- **Assess Real-World Value:** Evaluate the practical utility and day-to-day usability of both the AR and VR modules.
- **Gather Direct Feedback:** Capture actionable insights from end-users based on hands-on experience.
- **Pinpoint Refinements:** Identify key strengths, current limitations, and areas for further optimization.
- **Define Adoption Criteria:** Better understand user expectations and the operational conditions needed for successful deployment.

The testing highlighted the importance of involving end-users throughout the development process. Their direct interaction with the solutions provided valuable evidence for assessing the progress achieved, understanding practical challenges and identifying opportunities for further refinement. Through this process, INDUX-R strengthened the validation of its solutions, bringing the project one step closer to delivering integrated, user-oriented technologies with real-world application potential.

About INDUX-R

INDUX-R (Transforming European INDUstrial Ecosystems through eXtended Reality enhanced by human-centric AI and secure, 5G-enabled IoT) is a Horizon Europe-funded initiative involving partners from across Europe. Its mission is to redefine how people interact, train, and collaborate in professional environments through cutting-edge XR applications rooted in ethical development.

Read more on INDUX-R website https://indux-r.eu/

INDUX-R PROJECT VIDEO



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