UC2 - DRY RUN | Intuitive, Engaging, and Effective: A Positive AR/VR Training Experience | Acciaierie d'Italia

During the **INDUX-R UC2 dry run**, **AR and VR technologies** demonstrated strong potential to enhance **industrial training and operations**.

The results highlight **AR and VR as valuable tools** for improving **efficiency, training, and operational performance**. The experience confirmed their potential to make **industrial workflows more guided and effective**, with further use planned in upcoming project phases.

Giorgio Annicchiarico, Acciaierie d'Italia How effective and user-friendly were the AR/VR tools during the INDUX-R UC2 dry run?

The experience with the AR and VR tutorial was overall very positive. The system proved easy and intuitive to use: within a few minutes, it was clear how to interact and how to proceed, with no uncertainty. The tutorial is well structured, with clear and orderly steps, which helps us follow the activities correctly without confusion. The experience was also enjoyable and engaging, giving the feeling of having constant support while working.

The only critical aspect concerns moments when changing the viewpoint or moving around: on a few occasions, a slight sense of disorientation was felt, especially during faster transitions. In any case, no nausea was experienced, probably due to the relatively short period of use.

In conclusion, the technology was perceived as a valuable support tool both for training and for operational activities: the experience confirmed the potential of AR and VR to make work more guided and effective. We are enthusiastic about continuing to work with these tools in the plant in the future and about exploring their use further in the next phases.

Iason Karakostas, CERTH What is being tested during dry run, and why is it a critical step?

Katerina Valakou, FORTH What are you specifically looking to validate through this dry run?

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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This newsletter is about the European funded program INDUX-R