SMART HUMAN-CENTRIC REMANUFACTURING

rEUman partners visit Knorr Bremse and BORG facilities in Liberec and Zduńska Wola to explore further remanufacturing potential in the automotive sector

Liberec, Zduńska Wola, 18th-20th March 2025

rEUman partners gather in the Czech Republic and Poland on a discovery expedition visiting Knorr Bremse and BORG remanufacturing facilities, respectively, in Liberec and Zduńska Wola. A deep dive into the first two use cases both related to the automotive sector facilitated knowledge sharing about the pilots in Borg and Knorr Bremse and spun brainstorming sessions centred on potential solutions to demonstrate the potential of enabling tecnnologies of rEUman.

The rEUman participants set up procedures to collect specifications and requirements at both sites for the rEUmans' enabling technologies to be properly applied. An intensive, three-day road trip at the same time kick-started the activities in the remaining work packages of rEUman's ambitious workflow in an interactive mode in which the participants could identify useful links between tasks within various WPs and proceed with their tasks in a coordinated manner.

In early 2025 rEUman had initiated the implementation of its communication and dissemination plan announcing its first shared seminar and a **workshop** taking place at **Rematec Fair in Amstedam on 9th April** starting at 2 p. m., only to assert multiple participation of its partners at this important gathering.

The project workflow foresees two further meeting in 2025 dedicated to site visits of partners' premises including the opto-electronics industry represented by **Lumibird's** remanufacturing challenges of high-power multiemitter laser modules, two use cases in the home appliances industry, respectively **Arcelik's** remanufacturing of washing machines and the remanufacturing of heat pumps of **Olimpia Splendid**.

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rEUman is a cutting-edge European research project funded by the European Union, and led by Il Politecnico di Milano. The Initiative is dedicated to digitally-enhanced multi-level solutions for smart human-centric remanufacturing. The ambirion of rEUman is to fundamentally reshape remanufacturing through innovative technologies and sustainable practices at factory levels integrating them into the value chain of respectvie target industries. Please, find more information here: www.reuman.eu.

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