

## Challenge

# Next level product development in Extended Reality

Digitalization, globalization, increasing complexity and shorter development cycles require new ways of ensuring efficient communication between experts from departments all over the world. Extended Reality technologies (Virtual Reality and Augmented Reality) represent new ways of collaboration by closing the gap between the digital and physical world in a way that conventional 2D Screens simply can't.

Your challenge is to identify the potential this new technology provides for global product development teams. The system should not only allow for immersive communication but also consider real-time data transfer, meaningful collaboration, and the development of new information/data.



## Industry Partner



Fronius is a technology-oriented, global provider of power electronics systems and products in the fields of photovoltaic, battery charging and welding systems. Fronius currently employs around 6900 people worldwide, about 800 of them in research and development at the central R&D site in Thalheim bei Wels.

## Mission

- ▶ IDENTIFY proper use cases for meaningful application of XR systems
- ▶ ANALYZE existing solutions regarding their potentials, limitations and possible improvements
- ▶ DEVELOP concepts and a framework to realize selected use cases
- ▶ CREATE a demonstrator/prototype to test your concept

