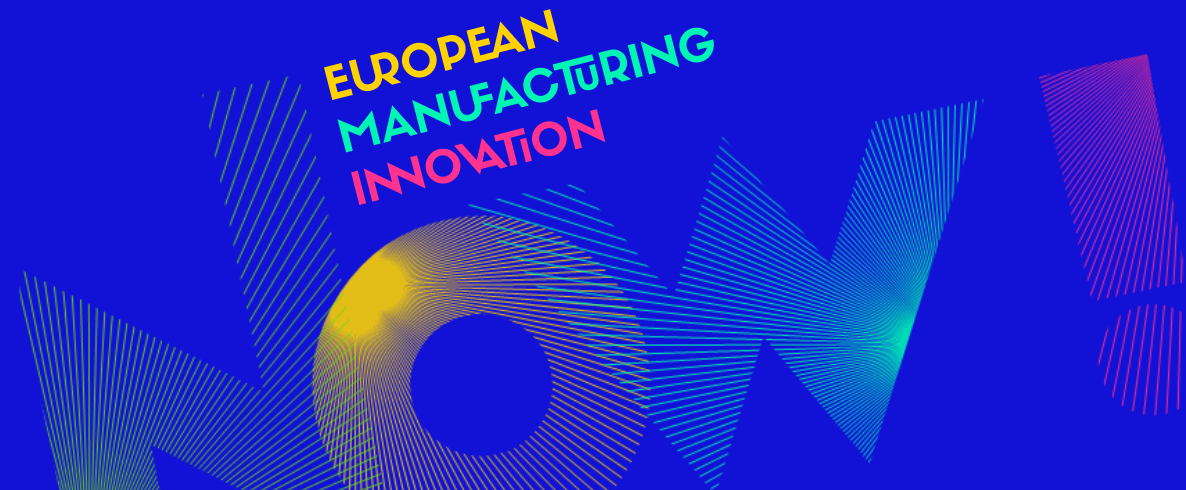




VR-Sustain

Simulation-based training for accident prevention in the automotive industry





The Challenge

- Accidents are one of the most common causes of death within the EU-27 (3,2 % of all deaths in 2016)
- The exposure to electric current is among the major causes for fatal accidents (W85-W99)
- Yearly safety trainings for electricians are mandatory in Germany and multiple other European countries
- The training seminars are often perceived as chore and not very engaging

Our Approach

- Convey knowledge about the general safety measures for maintenance on electric equipment
- Use a Virtual Reality (VR) training scenario to make safety training more interesting and interactive
- Create difficult situations and enable learning by trial and error



Theoretical Content



Easy VR Exercise



Complex VR Exercise



What we offer

- Supplemental materials
- Virtual Reality tutorial
- Train-the-Trainer concept
- Two VR exercises that teach:
 - Tool selection
 - How to disconnect completely
 - How to secure against re-connection
 - How to verify disconnection

Content

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EIT funding
and support

