



SafeCRobot

*Safety Implications of the Adoption of
Robotics and Autonomous Systems in
Construction and Infrastructure*
Professor Lamine Mahdjoubi



4th Transnational Project Meeting – 10th November 2022
2020-1-UK01-KA202-079176



VIRTUAL REALITY IMMERSIVE SAFETY TRAINING ENVIRONMENT FOR ROBOTISED AND AUTOMATED CONSTRUCTION SITES

- Provide construction workers with a better understanding of risk and safety at workplace and contribute to their knowledge and use of related preventive measures and working procedures
- Promote VR training as a means to communicate construction safety risks and ways it is being managed on modern sites
- Production of training materials in order to support to initial and continuous training of VET teachers, trainers, tutors and institution managers

Speakers

- **Robotics adoption: barriers and lessons from other industries**
 - Prof Andy Weightman, University of Manchester
- **Perspectives on human-robot interaction, safety, and assurance**
 - Dr Chris Harper, UWE Bristol
- **Is the law keeping pace with technology?**
 - Dr Nick Bell, Nick Bell Risk Consultancy
- **Safecrobot Project: VR safety training demonstration**
 - Dr Abdul-Majeed M, UCL London, Dr Abhinesh Prabhakaran, UWE Bristol
 - Dr Piotr Grzempowski and Dr Mariusz Szóstak, PWR Poland