

Behavioural and physiological non-technical skills assessment in simulated electricity distribution tasks

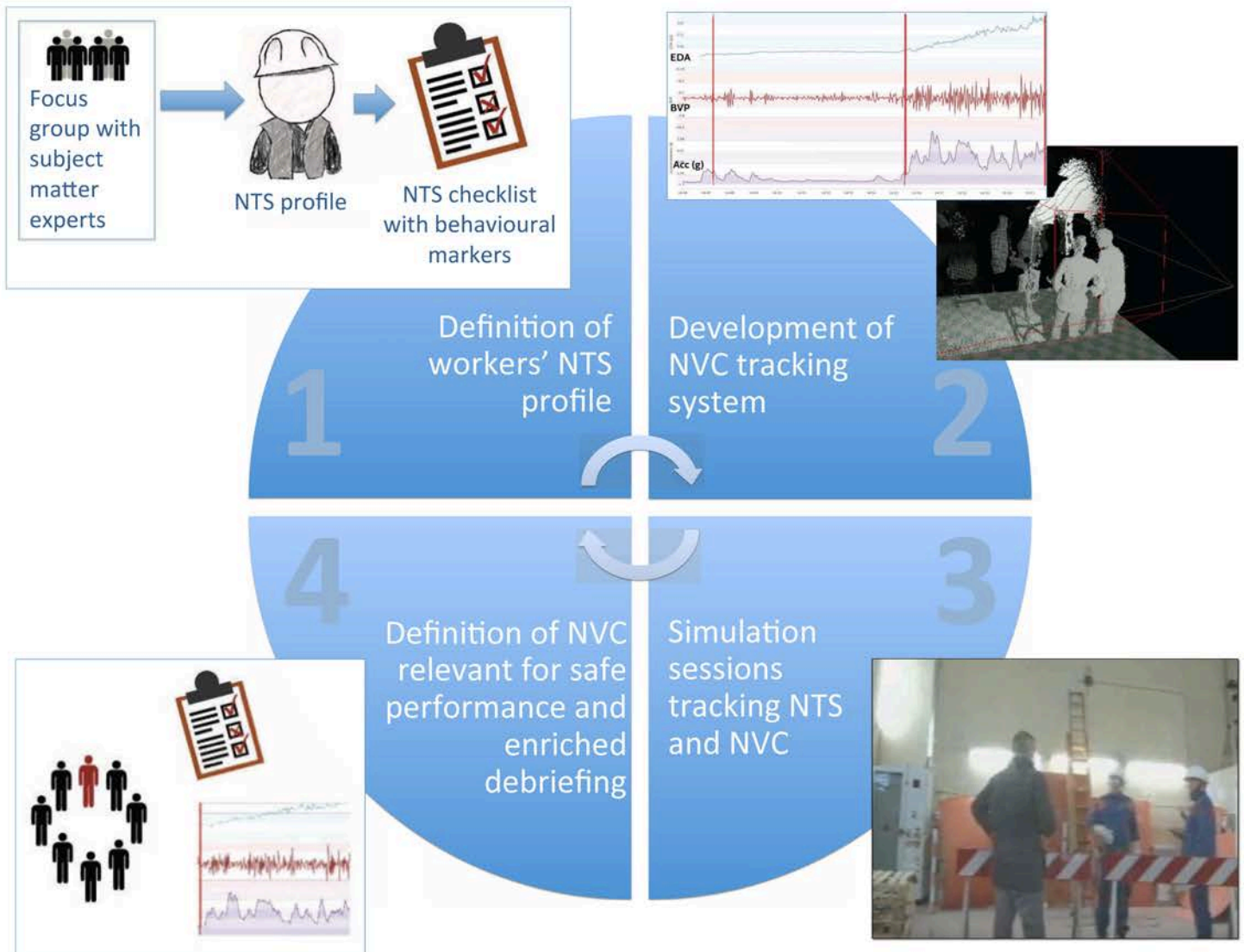
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High-fidelity simulation in electricity tasks

Focus on non-technical skills (NTS)

Multiple assessment: peer-observation and non-verbal cues (NVC)



The main strengths of the project are:

- **Metrics:** self and peer assessment tools and a sensor-based system for monitoring team coordination during the simulation;
- **Learning methods:** simulation and debriefing, sensor-based system for monitoring team coordination; learning by doing, peer-assessment, metacognition and reflection on work activities, visual and concrete representation of teamwork non-verbal dynamics
- **Safety management:** simulation is a very effective tool for behaviour change for safety's sake, the training of new procedures, the discussion of "hidden practices", the clarification of attitudes and beliefs.

Supplementary material

