

# SafePotential

## - Materializing the hidden potential of safety performance measurement

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The SafePotential research project facilitates the utilization of performance measurement information in the field of safety management. The project is carried out by the CSME and OSC research groups at Tampere University in close collaboration with four case companies and an expert group.

### Background

The project is a part of a European SafeRa research program in the field of industrial safety. Participating European partners are University of Belgrade and University of Twente.

The project is carried out in 1.1.2019 – 30.6.2021, and it is funded by Finnish Work Environment Fund and participating companies Konecranes Oyj, Lassila & Tikanoja Oyj, NRC Group Finland Oy and Paulig Group.

### Safety Performance Measurement

Performance measurement relates widely to all quantitative information related to occupational safety, including lost time incident frequency rate (LTIF), number of reported hazardous situations, days lost through occupational injury or illness, safety climate or job satisfaction scores, and related follow-up costs.

### Maturity model

Maturity models can be used both as an assessment tool and as an improvement tool. Maturity analysis can provide information on why performance measurement utilization is flawed and how can it be improved. Based on the analysis, recommendations for improvement measures can be derived in order to reach higher maturity levels.

The main themes of safety performance maturity analysis are: 1) Performance measurement practices, 2) Commitment and culture related to measurement, and 3) Use of performance measurement. The evaluation of the items is carried out with four-step maturity levels representing the sophistication level in each item. Researchers may use the model in identifying links between safety performance and the level of safety and practitioners may utilize it in auditing performance management practices.

### Objectives

The purpose of the SafePotential project is to create models and develop practices for materializing the potential of safety performance measurement.

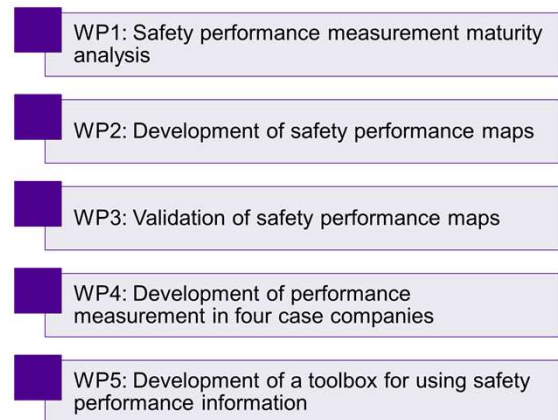


Figure: SafePotential Work Packages 2019-2021

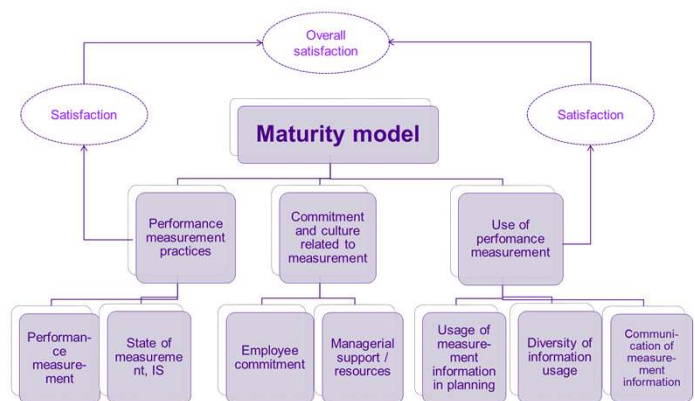


Figure: Main themes of safety performance maturity analysis

### More information

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