



OPERATOR

Digital Transformation in Industry

with a Focus on the Operator 4.0

OPERATOR will develop tools for risk exposure data analysis in the workplace, building on the concepts of Participative Ergonomics, Operator 4.0 and Job Quality Indices by the Eurofound.

The goal is to create a framework that will collect and monitor data regarding workers' activity and wellbeing.

Monitoring information on the worker's needs will make it possible to **avoid injuries, diseases or accidents at work** and also to increase **productivity, competitiveness and industrial modernisation**.

Find out more at:

www.operator-i40.com

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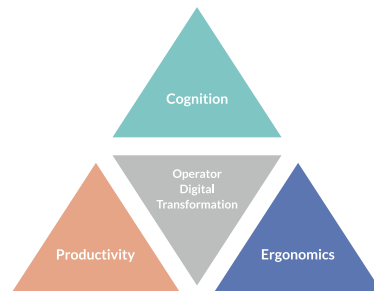


Fundação
para a Ciência
e a Tecnologia



OPERATOR innovatively seeks to balance productivity, ergonomics and cognitive aspects of the worker.

The project combines **ubiquitous human movement tracking** with **self-reported endpoints** for a holistic Digital Twin representation of shop floors.



The framework will collect data on two different levels

01 Individual

Automatic and self-reported data of ergonomics and cognition (workload, skills and discretion and career prospects) through wearable and personal technologies.



02 Environmental

Information as the vibration, temperature, humidity and pressure.



PARTNERS

