Fact Sheet

A Human-centred Internet of Things Platform for the Sustainable Digital Mine of the Future: The Dig_IT project

Dig_IT

About

Objectives

Dig_IT addresses the needs of the mining industry to move forward towards a sustainable use of resources while keeping people and environment at the forefront of their priorities.

Solution

Development of a smart Industrial Internet of Things platform (IIoTp) to improve the efficiency and sustainability of mining operations by connecting cyber and physical systems.

What we do

Contribution

LIBRA AI develops the project's AI-Enabled business intelligence (BI) and alerting system providing insights, analytics and alerts of all the mining processes and operations, including productivity monitoring, employee safety, environmental monitoring. The company also implements a spatiotemporal person and assets tracking system to further improve safety of workers in the field.

Impact

The Dig_IT Decision Support System comprise the BI and alerting systems developed by LIBRA AI, provides insights and analytics of all the critical mining processes and operations for medium-term improvement of mining operations' performance, better allocation of resources and modernization of processes that will lead to an increase in profit, while assisting Mines cope up with environmental and safety regulations.

Facts

Duration: May 2020 – April 2024
Funding: 7 M
Call Identifier: H2020-SC5-2019-2
Partners: 16 from 9 EU-countries
🌐 www.digit-h2020.eu

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