

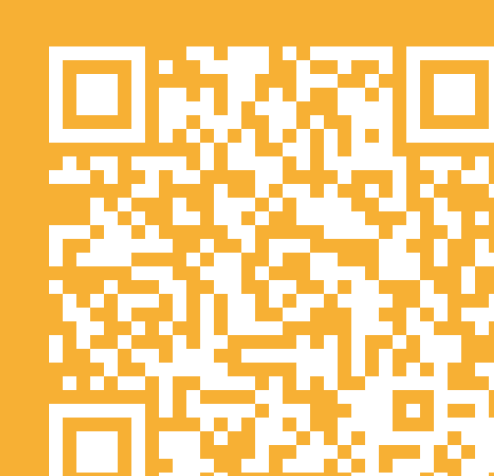


DINAMINE

DIGITAL AND INNOVATIVE MINE
OF THE FUTURE



dinamine-project.eu



THE PROJECT

Raw materials are of strategic importance for the European economy in key value chains such as the green energy transition, where Europe should strengthen its resilience, independence, and competitiveness. European mining operations do not meet the demand today, due to low productivity, unsustainable waste management, resource-intensity and environmental impacts.

To meet the ever-increasing demand for raw materials and to reduce negative market prospects, while mitigating environmental and societal impacts, the mining industry needs a digital transformation.

The DINAMINE project aims to develop the mine management solution of the future, including:

- a modular mine management system enabling digitalisation and automation through real-time sensor data feeds (site geology, input feed, machinery)
- geophysical methods for deposits that present challenges for exploration
- improved recovery rates through more selective mining and optimisation
- improved safety using real-time monitoring
- site-specific environmental footprint



STAY IN TOUCH



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CONTACT US

PROJECT COORDINATOR



Dr. Sean E. Salazar

Senior Engineer
Norwegian Geotechnical Institute
Sean.Salazar@ngi.no



SCIENTIFIC COORDINATOR

Dr. Mahdi Shabanimashcool

Senior Adviser
Norwegian Geotechnical Institute
Mahdi.Shabanimashcool@ngi.no



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