



MINE.IO

A Holistic Digital Mine 4.0 Ecosystem



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PROJECT NAME

MINE.IO – A Holistic Digital Mine 4.0 Ecosystem

EU FUNDING PROGRAMME

Horizon Europe

PROJECT DURATION

01/2023 – 06/2026

BUDGET

14 M€



**A Holistic Digital
Mine 4.0 Ecosystem**



Co-funded by
the European Union

SHORT DESCRIPTION

MINE.IO enables mining companies to increase recovery, reduce costs and lower environmental impact by deploying AI, digital twins and automation across the full mining value chain, from exploration to processing and waste management.



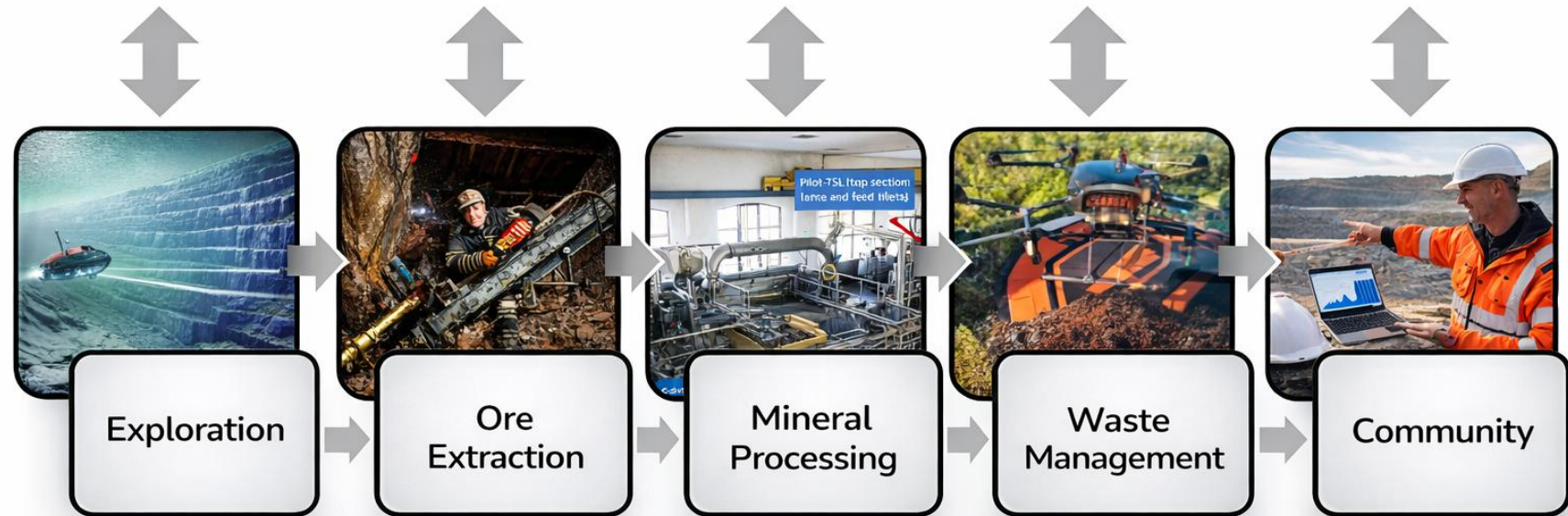
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ONE INTEGRATED DIGITAL ECOSYSTEM

MINE.IO
PLATFORM



A centralized, cloud-based core platform that enables seamless data sharing and collaboration across the entire mining value chain from exploration through to waste management.



QR code to website



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PROVEN IMPACT IN REAL OPERATIONS

PROVEN IN REAL OPERATIONS

- 6 pilot sites across Europe

⚙️ AI process optimisation

🏭 Digital twin (smelter)

🚗 Autonomous operations

📡 Real-time monitoring

BUSINESS IMPACT

📈 Higher recovery

⚡ Lower energy & operating costs

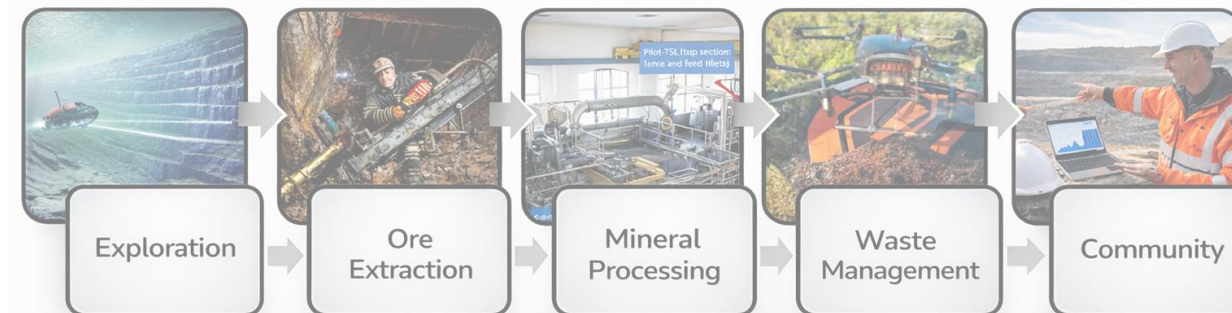
🚒 Safer operations

⚠️ Reduced risk

QR code to website



Across the entire mining value chain



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WHAT WE ARE LOOKING FOR AT PDAC

- Mining companies for scale-up
- Industrial partners for deployment
- Technology collaborators

WHAT WE CAN OFFER AT PDAC

- Pilot-proven Mine 4.0 technologies
- Scalable digital mining ecosystem
- Access to EU innovation network

