



DMT GROUP

Excellence and innovation in everything we do – this is our claim as an independent, global engineering and consulting company in the construction, mining, plant and mechanical engineering sectors. DMT is the “Engineering & Natural Resources” division of the TÜV NORD GROUP.

Sustainable value creation for our clients is always the goal – knowledge, digitalization and internationalization are our success factors. To this end, we count on our 1,100 employees, 14 subsidiaries, 30 locations and 280 years of experience.

In infrastructure, civil engineering and mining, we are general planners and specialists. We implement system and individual solutions in every discipline and bundle competencies for consulting, engineering, tendering, implementation, monitoring, operation and refurbishment, ensuring planning and investment safety for our customers.

We call this engineering performance.

DMT

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DIN EN ISO 9001
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DMT

Underground Mine Access Design

Potash. Coal. Metals.

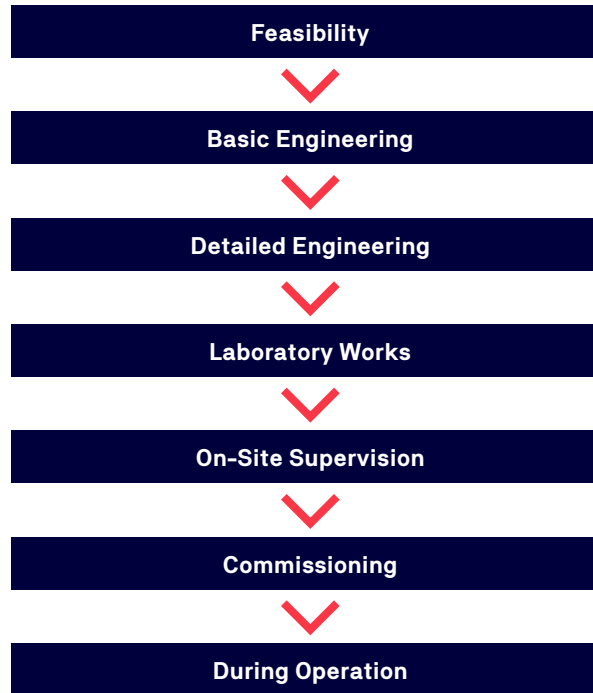
Civil & Mining Engineering
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**Engineering
Performance**

TÜVNORDGROUP

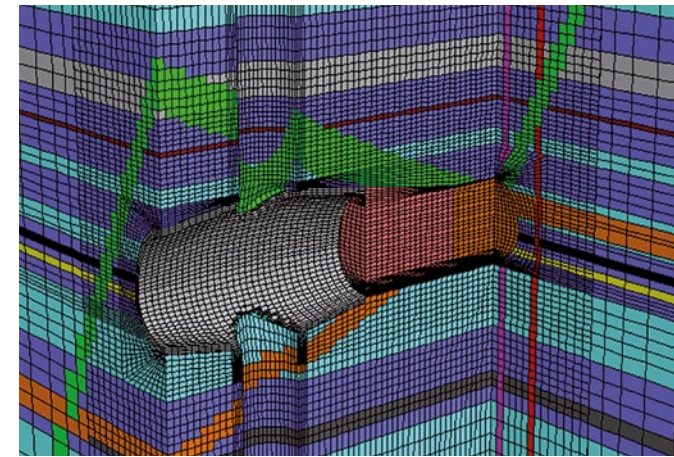


Supporting you throughout your Project



Your Benefits

- One-stop Shop design, project management and on-site supervision
- Health, safety and environmental design compliance is the foundation of our business
- Take advantage of our experience and own experts in mine access design
- Tailored solutions, delivering turn-key or selected packages
- A highly client-oriented team, focused on safety, quality and budget
- Expertise in greenfield and brownfield underground mine access projects
- Advanced three-dimensional numerical simulations including coupled THM-modelling where required
- In-house exploration, survey and real-time monitoring services
- SAFEGUARDing your data, designs and documents
- More than 200 shaft hoisting systems inspected



Our Mine Access Design Services

Ground investigation

- Design of a tailored investigation program
- Execution of in-situ and laboratory works
- Factual and interpretative reporting

Design of Mine Access Infrastructure

- Shaft and decline sinking systems
- Temporary roads, buildings and excavations
- Supply facilities: power, water, construction material

Permanent Shaft and Decline Lining and Groundwater Control

- Advanced 3D numerical modelling for excavation, ground support and lining design
- Freeze plant design and ground freezing
- Freeze and grout shaft design
- Design and monitoring of underground openings

Design of Mine Access Infrastructure

- Design and review of shaft steelworks and equipment: headframe, ropes, hoists and conveyances