



SECURING PERFORMANCE TOGETHER

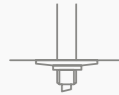
GROUND SUPPORT & GEOTECHNICAL SOLUTIONS



WWW.MINOVAGLOBAL.COM

ABOUT MINOVA

We are an industry leader of ground support and geotechnical solutions



GROUND CONTROL



WATER CONTROL



GROUND ENGINEERING



MAINTENANCE & REPAIRS



SERVICES & TECHNICAL SUPPORT

BY YOUR SIDE SINCE 1882

We have developed and delivered reliable ground support and geotechnical solutions for mining, tunnelling, and surface ground engineering projects since 1882.

Our global team of Chemists and Engineers work seamlessly to provide trusted, quality formulations and engineered products, backed by unmatched technical expertise.

We offer our customers a full portfolio of solutions, including a comprehensive range of bolting systems, injection chemicals, grouts, resin capsules and sprayable membranes, coatings and services.

SAFETY & SUSTAINABILITY

As we move toward greener energy sources, we understand the importance of the development, construction and sustainability of our assets and their impact on the environment.

We continuously review and innovate our products, manufacturing facilities and supply chains to ensure that we are investing in the most sustainable option.

We regularly undertake research and develop plans with industry partners to improve our performance and environmental credentials by recycling and reducing waste of raw materials.

GLOBAL SPECIALISTS

We are global cross-industry ground support specialists with manufacturing plants across five continents, and operations in over 25 countries.

The strategic locations of our production facilities, commercial offices and research and development labs ensure we best serve our customers around the globe. Wherever you are – we are here for you.

WE PROTECT LIVES

We protect lives with the prevention of ground collapse, water control and structural stabilisation and repair, above and below ground.

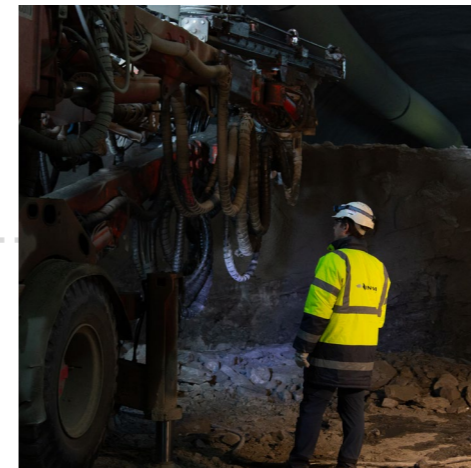
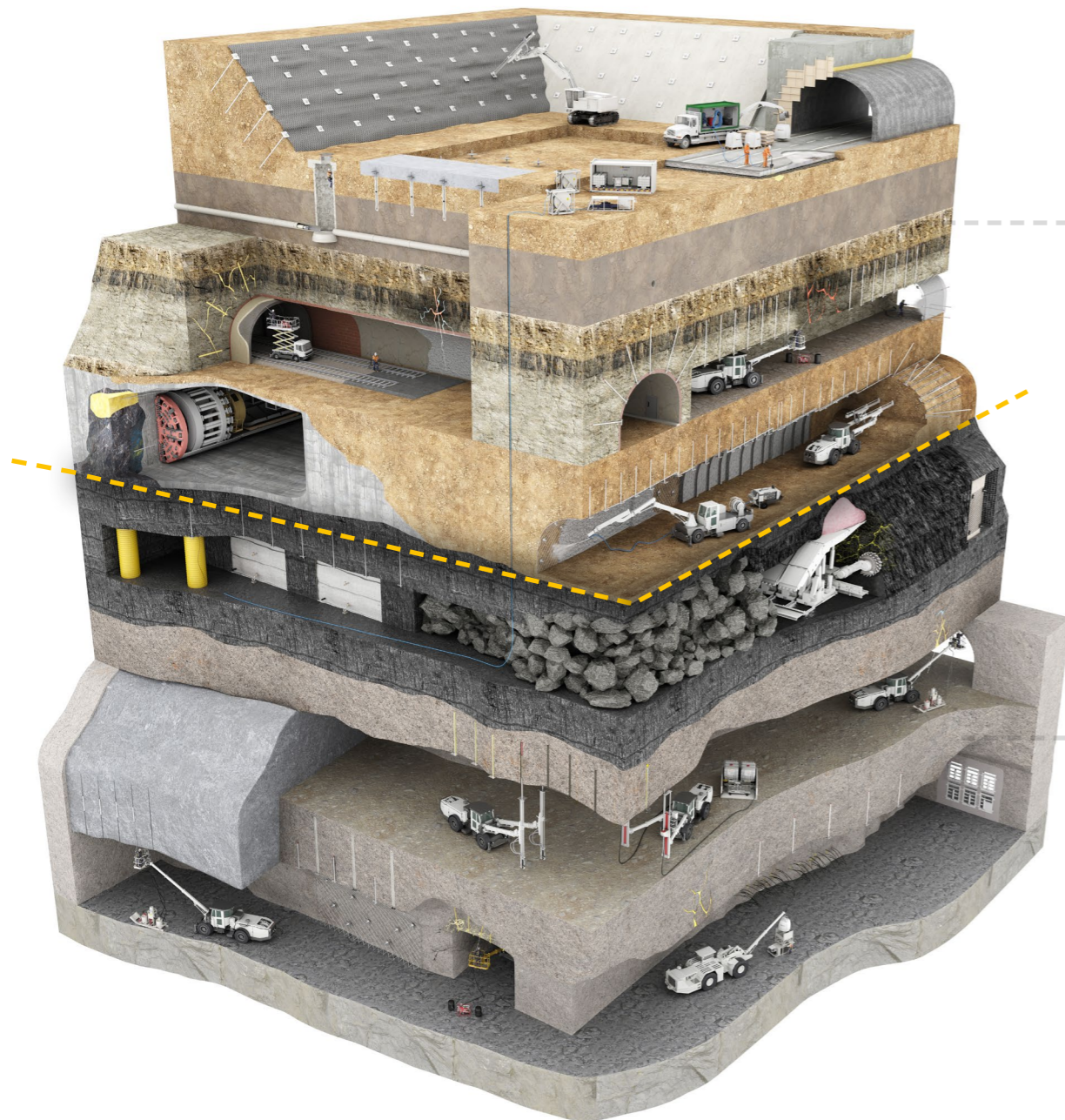
We deliver value and support to our customers by securing their safety, performance, and efficiency.

EUROPE CIS | AFRICA | AMERICAS | APAC



INDUSTRIES WE SERVE

We support the infrastructure and mining industries with a range of innovative solutions



INFRASTRUCTURE

Tunnel | Rail | Road | Commercial | Sewer

Our products help keep your infrastructure project moving, whether above or below ground, we have a range of solutions to meet your needs.

We resolve challenges with ground stabilisation & consolidation, water and crack control, sewer repair and micropile foundations. Our ground engineering solutions are specifically designed to secure and maintain your assets.



MINING

Hard Rock | Soft Rock

We support underground mines across the primary commodities, with solutions designed to provide safety and improve efficiency.

Our trusted products and services (including automated solutions) cover a range of applications, including ground, water, and air control, and maximization of ore extraction, to ensure your teams work safely and efficiently.

INFRASTRUCTURE SOLUTIONS

Our products are used across a number of infrastructure sectors

1 SURFACE SUPPORT

We supply a broad range of wet and dry sprayed cementitious composite-based products, which function as either structural or waterproofing membranes and linings, preventing migration of water and/or face movement, giving immediate stability in challenging ground conditions.

3 GROUND CONSOLIDATION AND STABILISATION

We have multiple resin and grout solutions for temporary and lifetime support of cracks and voids in underground construction that enable your project to proceed with efficiency and safety.

5 ROAD MAINTENANCE

Minova resins provide innovative, cost effective and time efficient solutions to support highways. Highly specialised resins displace any trapped groundwater and fill all voids in the sub-formation, thus stabilising the pavement.

2 WATER CONTROL

Our extensive range of injectable products and systems are used for water control in both above and below ground environments, providing future leak security whilst minimising downtime.

4 SLOPE & WALL GROUND ENGINEERING

Our full package solutions, comprising soil nails, rock bolts, plates and mesh, secures your ground, maintains safety and protects your asset.

6 TUNNEL MAINTENANCE

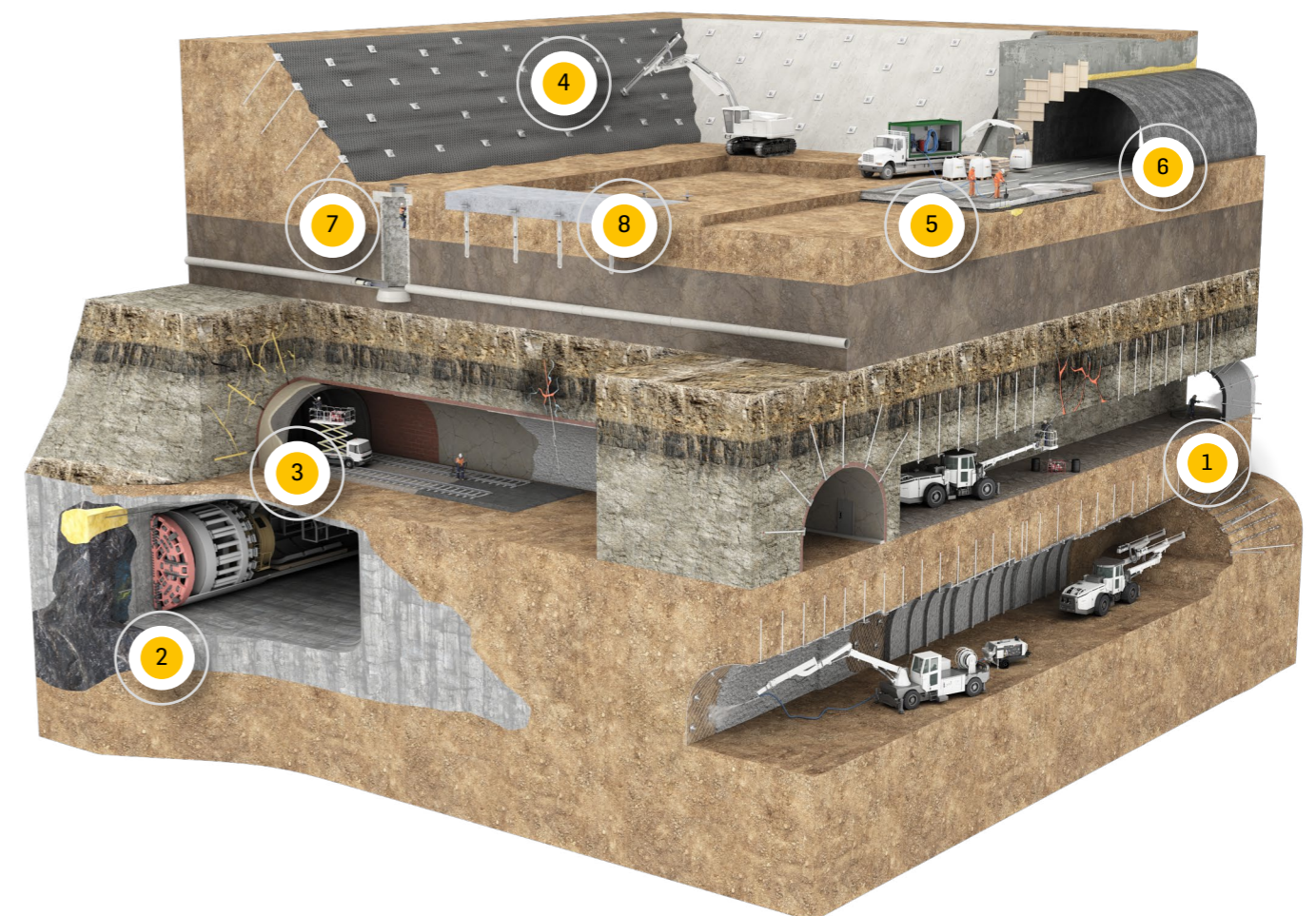
Choose from our resins, grouts and steel portfolio for fast and efficient crack injection sealing, void/annulus filling and water stopping solutions to keep your assets safe regardless of tunnel type, location or size.

7 SEWER REPAIR

With excellent adhesion and high chemical and thermal resistance, our liners and resins ensure pipeline integrity and stop leakage.

8 MICROPILE FOUNDATIONS

Our self-drilling anchors provide quick rates of installation by combining drilling, insertion and grouting in one single operation, securing your foundation.



MINING SOLUTIONS

Our products are integral to underground operations, ensuring your ground support cycle is secure and providing solutions for other areas of the mining cycle

1 GROUND CONTROL

We have a wide-ranging portfolio of anchors with supporting resins and grouts to support your ground in any environment, securing your confidence in ground stability.

3 STANDING ROOF SUPPORT

Our surface to underground delivery or in-situ application systems pump grout into crib bags that offer substantial benefits in terms of speed and ease of installation to maintain roof stability.

5 SEALS & BARRIERS

Ensure maximum safety and access underground with our high performing seals, plugs and stoppings that can be designed to fit the strata conditions and roadway dimensions of any mine for large-scale air, gas and water control.

7 PRE-DRIVEN ROADWAY PILLARS

We support the safe and efficient relocation of longwalls with pre-driven road support by incorporating cuttable grout pillars and a grout and formwork delivery system, which enables key productivity and safety improvements during longwall recovery.

2 VENTILATION

Our range of airflow regulators and ventilation blinds help maximise time spent underground by allowing operators to work in a controlled, clean, safely ventilated environment.

4 SURFACE TO UNDERGROUND DELIVERY

Minova pump systems can deliver our grout and chemical product solutions from the surface to underground, maximising your safety, increasing efficiency and reducing your underground labour.

6 ULTIMATE STEMMING

Speed up the charging and stemming process with our non-shrinking, quick curing, low temperature, high strength grouts combined with a delivery system and sealing process.

8 UNIPASS BOLTING TECHNOLOGY

Increased development productivity through OEM and retrofit bolting solutions. UniPass bolting technology combines our static, yielding and dynamic hollow bolts and CarboThix bulk resins which have been engineered to suit the most demanding environments.



9 ORE RECOVERY OPTIMISATION

Our solutions can maximise the extraction of previously sterilised ore resources, by stabilising broken material in the stope.

10 CAVITY FILLING

Choose from our range of quick-setting resins and grouts that provide immediate support to multiple rock surfaces underground, for rapid and safe progress.

PRODUCTS AND SERVICES

We provide a wide range of resins, powders, steel, and polymer products for your ground control requirements



CAPSULE GROUTS

We are a pioneer of capsule grout technology, including our globally renowned polyester Lokset capsules to our cementitious Capcem anchor grouts. We offer a wide range of capsules to suit your bolt and cable anchoring needs.



PUMPABLE GROUTS

Our grouting solutions range from standard pumpable to high performance, rapid setting and high strength grouts for anchoring, standing support, cavity filling and sealing.



SPRAYED MEMBRANES AND COATINGS

We supply a broad range of wet and dry sprayed products which function as either structural or waterproofing membranes.



EQUIPMENT AND ACCESSORIES

We provide a range of equipment that meets your needs. Our bolters, mixers and pumps are designed for harsh environments and are built to last.



INJECTION CHEMICALS

We offer injectable chemicals that provide a wide range of setting speeds, strengths and internal structures. From ultra foaming to high strength and fast setting, our injection chemicals anchor, consolidate and control strata, water and gases in all types of ground conditions.



STEEL & GFRP

We provide a full range of steel and Glass Fibre Reinforced Polymer bolts and cables, plates and meshes. Our comprehensive quality control programme ensures that each product arrives at your site just as you have specified.

SERVICES

Our expert technical services teams work alongside you to find the right solution for your operations. Our services include:

- Technical support
- Emergency response
- Specialist applications
- Design advice
- Anchor pull testing
- Resin injection
- Full-scale application trials
- Training services
- Pump servicing
- Monitoring systems

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SPEAK TO OUR EXPERTS

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