


# Mining Lifecycle Solutions

A line of yellow mining trucks, likely haul trucks, is shown in a quarry or mining environment. The trucks are parked in a row, receding into the distance. The background shows a large pile of dark, rocky material, possibly ore or waste rock, under a clear sky. The lighting suggests it might be early morning or late afternoon, with a warm, golden glow.

Trusted.  
Independent.  
Committed.

SGS





Our experts solve your  
most unique challenges  
across the mining  
lifecycle

## Mining operations are complex, making it important to have accurate, reliable data and insight

Mining operators face increasingly complex business environments, with high stakeholder expectations, including a focus on automation and sustainability.

To meet these challenges our extensive services help to minimize risk, improve decision making and stakeholder engagement throughout the entire mining value chain.

Our technical expertise in geochemistry, metallurgy, process development and consulting, commodities trade and sustainability services unmatched around the world.

We have a global network of highly skilled experts to give you the insights needed to make timely business decisions and create efficient mine operations. We help organizations meet Environmental, Social and Governance (ESG) and sustainability expectations, and engage in the circular economy.

Remove the guesswork from your mining operations and partner with the industry's leading experts to shore up your operations, increase efficiency, maximize ROI, and demonstrate your sustainability credentials.

Solutions are tailored to commodities of  
interest and support key decision-making.

# How we help clients across the mining lifecycle




**500+**  
Laboratories

**125**  
Countries

**140+**  
Years

We support our clients to make mining more sustainable for future generations



Our team of experts work to optimize solutions from the earliest stages of exploration through to closure.

## Operate in the know and gain a competitive advantage.

### Geochemistry

With decades of experience working in commercial, on-site laboratories and in the field, we understand the need for strong and robust analytical solutions.

The analytical insight can unlock greater efficiency, drive innovation, and increase profitability especially when making use of our value-added data.


We tailor services to our clients needs or can support their own laboratory, including laboratory design and set-up.

### Metallurgy & Consulting

We are your trusted partner delivering innovative solutions across the mining life cycle. From core logging, exploration advice and resource estimation through to metallurgical and pilot plant testing, feasibility studies, engineering, construction and commissioning, our high-level solutions enable you to realize the full potential for your mineral deposit and metallurgical processes.

Globally recognized as the benchmark for quality and integrity, our multidisciplinary teams include geologists, mineralogists, mining engineers, metallurgists, and process engineers. Our network of state-of-the-art metallurgical facilities and globally recognized consultants are ready to address the challenges of your mineral extraction project or operation.





Whatever the commodity,  
wherever the location,  
our trusted professionals  
will be with you every  
step of the way.

## Commodities Supply Chain

We support you with inspection, testing, risk management, market intelligence and certification throughout every stage of the commodities supply chain, from storage and ports to distribution.


Our team of experts helps you to reduce risk, make informed decisions, and ensure the integrity of your commodities.

Working with our global network of trusted, independent and experienced professionals means that you always have access to their first-class service no matter where you are located.

## Market Intelligence

We provide a fast, independent data collection and business intelligence reporting service. This provides you with the right insights at the right time, powering data to guide decisions, understand regulatory requirements, and much more.

Our demonstrable expertise, significant experience and unique global network provides independent strategic data gathering and processing.



We are committed to  
our clients sustainability  
journey with a balanced,  
and responsible approach

# Sustainability

## Environment, Sustainability & Governance (ESG)

Our sustainability experts advise mining clients on world-class best practices and ESG frameworks.


We create robust ESG plans considering all business critical measurements across your mine operation, from procurement to operations, marketing and stakeholder relations.

## Creating a sustainable future

In collaboration with our clients, we can adapt business operations to be more sustainable. This includes the creation of a circular economy, community engagement, biodiversity protection, limiting carbon and other greenhouse gas emissions.

We support our clients with data acquisition and validation of ESG metrics and assist with communicating to your stakeholders.





As a client you have  
access to decades of  
mining experience with  
all commodity types

## A wide variety of minerals & metals

We are a world leader, boasting decades of experience in the minerals and mining industry. Our expertise spans a broad range of commodities including base metals, precious and platinum group metals, critical and industrial minerals, recycling, non-ferrous metals, coal, coke, petroleum coke, fertilizers, dry chemicals, sulfur, solid biofuels and steel/steel-making raw materials.

Globally, we are positioned to serve as your trusted advisors on the ground reducing your supply chain risk. We invest in the latest equipment, continual training and ensure industry requirements are met at the global, regional, and local level.

For the most remote locations, we provide fully equipped Mobile Sample Preparation Unit (MSPU). By preparing samples on-site we reduce shipping and improve turnaround times. It is also more sustainable by creating local jobs and improving the overall carbon footprint.



# Trusted. Independent. Committed.

## Contact Us

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**SGS**

WHEN YOU NEED TO BE SURE