

# Natural Resources



Trusted. Independent. **Committed.**



**SGS**

**Natural resources make the  
world go round.**



# Optimizing Your Natural Resources Operations

Natural resources are behind everything – from the food that we eat, to the buildings that we inhabit, to the machines or phones that we rely on. Human civilization has evolved by creatively and effectively using the natural resources at our disposal.

However, players operating within the natural resources sector have to balance a variety of requirements. They need to optimize increasingly complex global supply chains while ensuring their products are accessible throughout the world, and comply with increasingly stringent regulations and best practices while ensuring sustainability throughout their operations.

To meet this complex business environment, companies are becoming more and more data-

driven. They require knowledgeable experts in the field, using the latest, most innovative technologies to guide their decision-making.

This is where SGS can help.

Our comprehensive range of inspection, testing, certification and consulting solutions – powered by the latest digital technologies – support fast-paced organizations operating within the natural resources sector.



**Learn more about how we  
deliver value to society.**



We provide a range of natural resources solutions, including:



**Commodities  
Supply Chain**



**Metallurgy &  
Consulting**



**Laboratory  
Solutions**



**Operational  
Sustainability**



**Market  
Intelligence**

**We boast the largest network of inspectors in the world, providing you with crucial assistance at every stage of your global supply chain.**



# Commodities Supply Chain

The world has never been smaller. The global commodities supply chain relies on efficient, cross-continental, cross-border trade. But this poses its own challenges. You can't be present at each stage of your supply chain to ensure the quality, quantity and regulatory compliance of what you've bought or sold.

That's where SGS comes in.

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.

**SGS boasts more than 145 years' worth of commodities experience ranging from agriculture, minerals and metals, to energy and chemicals.**

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.

Our state-of-the-art laboratories provide rapid turnaround times, reducing risk and therefore lowering related costs. We verify the quantity and quality of your products, ensuring they're safe for use, compliant, and meet both local and international regulations as well as your contractual requirements.



# Metallurgy & Consulting

Mining operations are incredibly complex in nature. Our Metallurgy & Consulting team plays a key role in supporting mining operations throughout every stage of the value chain – all the way from exploration to operation and closure.

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 of 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.

Working as an integrated team, we ensure all aspects of your metallurgy and process development requirements are considered, developing innovative solutions that ensure the smooth-running of your operations.

**We offer a comprehensive range of fit-for-purpose solutions to minimize risks and optimize outcomes for a wide range of commodities including base metals, precious metals, platinum group elements, critical minerals, bulk commodities, and recycling.**

Wherever you operate in the world, our network of state-of-the-art metallurgical facilities and recognized consultants are ready to address the challenges of your mineral extraction project or operation and provide solutions that conform to all industry guidelines and market requirements.

**We boast more than 120 on-site laboratories located globally.**



# Laboratory Solutions

Whether you're in the initial exploratory phase or looking to expand your existing operations, we have developed an array of solutions to support your on-site and commercial laboratory needs throughout all stages of the commodities lifecycle.

Our specialists possess decades' worth of experience working in the minerals & mining fields as well as in the oil, gas & chemical sector. They will provide critical assistance and rapid turnaround times – no matter which stage you're at or what your goals are. Our state-of-the-art facilities, located all over the globe, will drive innovation, help you unlock greater efficiency and productivity, and will ultimately make your business more profitable.

## On-site solutions

Perhaps you need support in setting up or designing your on-site laboratory – or maybe you need ongoing assistance when it comes to handling your laboratory operations. Whatever your requirements, our customized solutions will help you optimize your approach going forward.

Our team of geochemists and experts has also successfully developed SGS Field Analytical Services and Testing (FAST)

which leverages new portable analytical technologies to provide you with rapid field analysis – giving you the data you need to make timely and accurate operational decisions.

We go beyond offering in-depth analysis to support key decision-making – we also help you with process optimization and identifying avenues for potential cost savings.



## Laboratory network

Our commercial laboratories are located throughout the world and can handle large volumes while offering quick turnaround times, providing you the benefits of a flexible model. Our services conform to recognized standards of excellence like ISO, giving your business the confidence it needs to know that its decision-making is always backed up by reliable analytical data. Our reports can be delivered either digitally or on paper to best suit your specific needs.

Whether you're working on large mining exploration projects or manage a refinery or storage terminal's operations, we can assist you with trustworthy, independent laboratory results.

Our team goes beyond providing results alone. They help optimize your operations while reducing delays and project costs, allowing you to focus on developing projects and meeting stakeholder requirements.

Using the latest and most advanced equipment and technologies available to the industry, our laboratory testing services help you optimize your processes and operations while reducing costs and delay.



# Operational Sustainability

Companies must consider the social and environmental impact of their products across the entire value chain and product lifecycle. This has come to the fore in recent years due to societal shifts, market expectations and increasing regulatory pressures.

Sustainable operations start with producing, repurposing, recycling, and disposing commodities in a safe, healthy, environmentally and socially responsible manner. We deliver a range of robust and practical solutions that help growers, producers, traders, original equipment manufacturers and consumers of raw materials embed sustainability considerations into your operations, product design, procurement and marketing efforts.

More generally, our services will allow you to effectively tell your story, demonstrate your continued commitment towards sustainability and highlight your Environmental, Sustainability, and Governance (ESG) practices to stakeholders and consumers alike. We can help with data acquisition and validation to demonstrate decarbonization, as well as providing crucial support to you when communicating your ESG metrics to stakeholders.

**Delivering in-depth data and analysis that supports your decision making process.**



# 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. Not only does this reveal the quality of the commodity in question but our independent and transparent interpretations are backed up by our network of experts present in the field.

Work with our range of experienced, on-the-ground teams to acquire key market intelligence and make the correct, data-driven decision at all times. Thanks to our expert jurisdictional understanding, we can also help to interpret how natural resource-related governmental policies will affect your existing business practices.



# Global presence with local expertise

SGS possesses an unrivaled network of experts operating across the world. No matter the project, your goals, or your location, we'll be on hand to assist throughout every stage of the supply chain – armed with innovative digital technologies and detailed knowledge of the industry's latest best practices.

Work with trusted, independent and committed specialists. We ensure your operations are a success from start to finish, providing you with integrated solutions customized to suit your specific needs and rapid, data-driven insights to guide your decision-making at all times.

We will also help you to operate sustainably and in compliance with both local and international regulations, leveraging crucial advice from genuine industry leaders and specialist experts.

**We are SGS – the world's leading testing, inspection and certification company**

# Our unrivaled global network



500+

Laboratories

116

Countries

145+

Years

**Take your natural resources operations to the next level.**

**Get in touch today.**

**Contact us**

✉ [naturalresources@sgs.com](mailto:naturalresources@sgs.com)

# Trusted. Independent. Committed.

## Contact us

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FRONT  
ADULT  
43+KG

SGS

SGS

When you need to be sure