

Sustainability Report 2025

300 years growing strong

TAKRAF
For Mining with Meaning.



Table of Contents

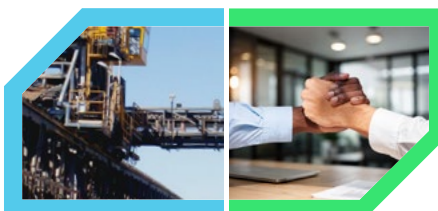


Message from Our Group CEO	3
300 Years of TAKRAF GROUP	5
CSR Activities	8
Highlights 2025	9
Key Projects 2025	10
About this Report	11
TAKRAF Group's Business	12
Material Topics	15
Sustainability Framework	17

Environment **19**



Social Responsibility **29**



Governance **35**



The Road Ahead **37**

Glossary **38**

Message from Our Group CEO



For 300 years, TAKRAF Group has turned raw possibility into lasting value. That is still what we do – and today, it matters more than ever.

Thomas Jabs, Group Chief Executive Officer (CEO)

Dear Stakeholders,

Our third Sustainability Report marks another milestone in TAKRAF Group's journey – and this year, that journey has a very particular resonance. In 2025, we celebrated 300 years of TAKRAF Group: three centuries of adapting, rebuilding and finding new purpose in each new era.

It began in 1725 in Lauchhammer, Germany, when Baroness von Löwendahl recognized the potential of local iron ore deposits and built a business around it – decades before comparable ventures emerged elsewhere in Europe. To see possibility where others do not, and to act on it with engineering conviction – that founding impulse has defined TAKRAF Group ever since.



Thomas Jabs, Group CEO



We have survived wars, expropriation and financial hardship – not by standing still, but by continuously reinventing what we do and how we do it.

Over three centuries, we have made pots and ploughs, built steam engines for the mines of the Ore Mountains, in southeastern Germany, engineered concert halls and bridges, and supplied the open-cast mining equipment that shaped the energy landscape of an entire region. We have survived wars, expropriation and financial hardship – not by standing still, but by continuously reinventing what we do and how we do it.

Today, that same drive is at the heart of our sustainability agenda.

The materials that power our digital and energy future – copper, lithium, bauxite, iron ore – do not come out of nowhere. Consider a single Artificial Intelligence (AI) data center built in Chicago: It required over 2,177 tons of copper, necessitating the extraction and processing of approximately one million tons of material. Hundreds of such facilities are under construction worldwide. The same is true for wind farms, solar infrastructure and battery supply chains. This is the world

TAKRAF Group operates in – and where our technologies make the difference between possibility and reality.

This is not a peripheral observation. It redefines what sustainability means for a company like ours. It is not a constraint on what we do. It is the condition under which it becomes indispensable what we do. This is what we captured in our new brand claim, introduced this year: **For Mining with Meaning**. Helping our clients extract critical raw materials more efficiently, more safely and with a lower environmental footprint is not separate from the energy transition or from the infrastructure demands of a world increasingly shaped by AI and computing. It is part of it.

At the same time, we recognize that our own operations require the same discipline we apply to our engineering. Over the past year, we have continued to strengthen our governance structures, improve the consistency of our Environmental, Social und Governance (ESG) data

and deepen the integration of sustainability into our decision-making. This is work in progress – and we are committed to reporting on it with honesty, not just ambition.

This anniversary year has also been a moment of personal reflection. Engaging with colleagues, partners and stakeholders across our 24 locations worldwide, I have been struck by how much quiet pride people take in what TAKRAF Group has built – and how seriously they take the responsibility to carry it forward. That combination of pride and responsibility is, I believe, the most important thing we carry from our first 300 years into the next chapter.

Sincerely,



Thomas Jabs
Group Chief Executive Officer

300 Years of TAKRAF Group



TAKRAF 
For Mining with Meaning.

Three Centuries. One Commitment.

Three centuries of reinvention, one defining commitment: **For Mining with Meaning.** Since 1725.

It began in 1725 with a blast furnace, a patch of boggy land in Lauchhammer, Germany, and a woman who saw potential where others saw only bog iron. Baroness Benedicta Margaretha von Löwendal laid the foundation of what would become one of Europe's longest-standing industrial enterprises.

TAKRAF Group has endured by reinventing itself for each new era: steam engines for the mines of the Ore Mountains; the world's first overburden conveyor bridge in 1924; the first bucket-wheel excavators supplied to a diamond mine in Southern Africa in 1926; the legendary F60 – still the world's largest moveable structure – and, with the integration of DELKOR in 2014, a decisive expansion into minerals processing. Each chapter answered the same question in a different way: What does this industry need now?

Baroness Benedicta Margaretha von Löwendal, founder of the Lauchhammer ironworks in Germany





The TAKRAF India team came together in Chennai in December 2025 to celebrate TAKRAF Group's shared legacy of engineering excellence, teamwork and tradition



It is often overlooked that modern technologies are based on mining. Without the raw materials that are extracted and processed using our equipment, there would be no digitalization, no energy transition and no sustainable infrastructure.

Thomas Jabs, Group CEO, in his anniversary address in Lauchhammer, Germany, August 2025

In August 2025, colleagues, partners and guests gathered in Lauchhammer, Germany to mark the anniversary where it all began – with speeches, shared memories and a quiet sense of pride in what 300 years of engineering commitment actually looks like in practice. The milestone was also celebrated across TAKRAF Group's global network, with teams in offices around the world, including India and Chile, coming together to reflect on their shared history, achievements and contribution to the company's continued success.

That commitment now has a name. In this anniversary year, TAKRAF Group introduced its new brand claim: **For Mining with Meaning.** It is not a slogan, but a commitment – to help handle, transport and process what the world needs more responsibly and with full awareness of what is at stake. Three centuries of excellence, pointing toward the future.



Corporate Social Responsibility (CSR) Activities



Heartfelt Projects check handovers

TAKRAF Germany – Heartfelt Projects

TAKRAF Germany's annual Heartfelt Projects initiative invites employees to nominate nonprofit organizations close to their hearts. In January 2025, three organizations each received a donation of €1,500: Leipziger Parkeisenbahn, Lugala Freundeskreis, which supports a hospital in Tanzania and Grünewalder Feuerwehrverein. Social responsibility, shaped by the people who live and work in these communities.



Opening ceremony of the blood donation center at Ravi Kirloskar Memorial Hospital

TAKRAF Chile – Matilla School & Club de Adultos Mayores

In Pica, Chile, TAKRAF Chile supports two local institutions: Matilla School receives essential supplies for students from low-income families, helping reduce financial barriers to education. The Club de Adultos Mayores receives a monthly financial contribution that helps sustain cultural traditions and strengthen community solidarity among senior citizens. Both initiatives reflect TAKRAF Group's commitment to the communities where it operates.



Supporting education at Matilla School and empowering the Club de Adultos Mayores

DELKOR India – Blood Bank Bengaluru

DELKOR India partnered with Rotary Udyog, Peenya, to establish a blood bank at Ravi Kirloskar Memorial Hospital in Bengaluru, which was inaugurated by TAKRAF Group CEO Thomas Jabs in March 2025. Located in a densely populated industrial area with a high rate of accidents, the facility is operated by the Indian Red Cross Society and provides life-saving access to safe blood for the surrounding community.



Highlights 2025



Sustainability Approach 2025

- Voluntarily complying with the Corporate Sustainability Reporting Directive (CSRD) and the European Sustainability Reporting Standard (ESRS) with our Environmental, Social and Governance (ESG) report.
- Product innovation strategies focused on reducing emissions, improving energy and material efficiencies across the value chain.
- Fostering a culture of **'For Mining with Meaning.'** by introducing the company-wide slogan for the 300 years of TAKRAF Group celebrations.



Sustainable Solutions and Innovation

- Efficient technologies such as In-Pit Crushing & Conveying (IPCC) systems, Gearless Conveyor Drives (GCDs) or High Pressure Grinding Rolls (HPGRs), which reduce energy consumption.
- DELKOR dewatering products, which contribute to fresh water saving and increased process water use, such as thickeners, belt filters or filter presses.
- Circular economy focus on durable, repairable and recyclable products such as our TAKRAF Sizer and associated spares.



Employee Engagement and Development

- An average of 1.019 employees worldwide, with 16% female representation.
- 0 recordable accident rate in 2025.
- Focus on diversity, equality and health protection through comprehensive Quality, Health, Safety and Environment (QHSE) policies.
- Company-wide Pulse Survey and Culture Survey which cover what matters most – engagement, inclusion, well-being and satisfaction.
- TAKRAF Group launched Workday, a modern, cloud-based HR system designed to improve the employee experience and enhance global efficiency.



Environmental Impact of Operations

- TAKRAF South Africa is advancing its transition towards green electricity through the installation of a rooftop photovoltaic system at its Johannesburg office.
- TAKRAF Germany replaced approximately 120 conventional lights at its Lauchhammer workshop with daylight- and motion-controlled LED lighting, saving 32,143 kg of CO₂ in 2025.



Compliance and Responsible Sourcing

- Strict adherence to international standards such as ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 certification across a number of our offices.
- Anti-corruption measures and whistleblowing system compliant with European Union (EU) laws and requirements.
- Artificial Intelligence (AI) Use Policy regulating the usage of AI tools by TAKRAF Group employees.
- Online Data Protection training program for all employees, as well as mandatory online training on Conflict of Interest and the compliant use of AI.



Key Projects 2025

Significant Project Award

Conveying System for Minera Collahuasi's Ujina mine in Chile

TAKRAF Group was awarded a brownfield project for the design and delivery of three conveyors to connect an existing, relocated crushing station, to an existing conveyor system. As a result, the integrated conveying system could continue to optimize material flow within the mining operation and reduce reliance on conventional truck haulage.

Highlights

- Continued operation of the current conveying system and as a result reduced diesel consumption and associated CO₂ emissions compared to truck-based transport.
- Lower dust generation improves air quality along transport routes.
- The main objective is to increase the capacity of the copper concentrator plant.

Research & Development (R&D)

Belt Linear Screen Enhanced Solution Offering

With a view to resolving a persistent issue faced by processing plant operators, the DELKOR team has worked on enhancing the efficiency and working principle of a belt linear screen, providing them with greater operational peace of mind.

Highlights

- Improved separation prevents carryover of solids, reducing the risk of water contamination.
- Lower demand for water treatment through more efficient process control.
- Reduced volume of process water requiring reprocessing, supporting overall resource efficiency.



Innovative Manufacturing of Flotation Cell Components

The DELKOR team has focused attention on developing an improved manufacturing approach for flotation cell components by introducing high-performance engineering materials and streamlining production processes. The proposed solution reduces process complexity, shortens lead times and enhances overall production efficiency.

Highlights

- Reduced material waste and improved resource efficiency through simplified manufacturing processes.
- Lower carbon footprint due to fewer production steps and reduced energy consumption.
- Enhanced durability and lifecycle performance of components, supporting long-term operational efficiency.

About This Report

For 300 years, our products and services have helped to meet the essential challenges of each era. Today, this legacy drives our role in the energy transition, where we support the extraction of critical metals required for a more sustainable future. Our deep-rooted belief in the power of technology makes us the best possible partner for our clients.



ESG principles are firmly embedded in our governance structure. Based on the double materiality analysis we conducted for our 2023 report, we ensure that our ESG efforts reflect the expectations, needs and priorities of those who matter most to us. Ultimately, we took a “wisdom of crowds” approach, conducting a comprehensive survey of key internal and external stakeholders.

Looking ahead, we remain committed to continuously enhance our ESG reporting in terms of data quality and coverage and to develop targeted sustainability measures over the next three to five years. As an engineering company, we thrive on designing innovative solutions and delivering exceptional performance. With this same mindset, we will continue to support our clients and employees, while further strengthening governance across the Group.

Building on three centuries of innovation, trust and excellence, TAKRAF Group is committed to turning sustainability into a lasting competitive advantage for our stakeholders worldwide.

TAKRAF Group is voluntarily reporting in accordance with the European Sustainability Reporting Standards (ESRS) and the Corporate Sustainability Reporting Directive (CSRD) for the fiscal year 2025, well ahead of the mandatory requirement in 2028 (fiscal year 2027). This proactive step highlights our commitment to transparency and corporate responsibility.

www.takraf.com/about-us/sustainability



TAKRAF Group's Business

TAKRAF Group provides leading technological solutions to the global mining, bulk material handling and minerals processing industries through its established and well-known brands, TAKRAF and DELKOR.

TAKRAF

TAKRAF is recognized as one of the world's leading technology providers when it comes to run-of-mine and bulk material handling. Its comprehensive portfolio covers the entire value chain: from overburden removal and raw material extraction, to comminution, conveying, loading and unloading, processing, homogenizing, blending, storage and final loading for onward shipment. TAKRAF's products and systems are designed not only for efficiency and reliability, but also with a clear focus on sustainability and reduced environmental impact.

DELKOR

DELKOR specializes in liquid/solid separation and wet processing, offering equipment such as thickeners, belt filters and filter presses for dewatering and flotation cells, jigs and screens for processing. These solutions are tailored to the specific requirements of the mining industry, ensuring robustness, operational reliability and measurable reductions in water and energy consumption. By combining process efficiency with environmental responsibility, DELKOR supports clients in maximizing performance while lowering operational costs.



With three centuries of engineering expertise, TAKRAF Group continues to build on its legacy. From single machines to fully integrated turnkey systems, we work in close partnership with our clients worldwide – developing customized solutions that not only meet today's operational challenges but also contribute to a more sustainable future.

Products Are Offered Across Four Main Categories



Mining Systems and Equipment

Covers excavating, crushing plants, conveying, spreading (dumping) and various auxiliary equipment.



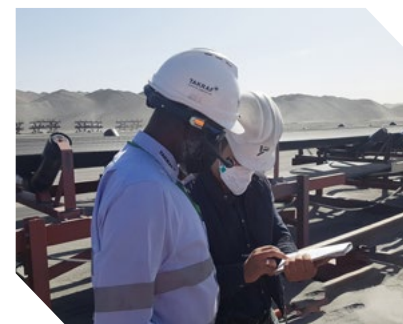
Bulk Material Handling

Covers stockyard & disposal facilities, loading & unloading equipment, conveying, port facilities, continuous heap leach systems and various "in-plant" handling equipment.



Minerals Processing

Covers comminution, liquid/solid separation, wet processing and various Dry Stack Tailings (DST) solutions.



Services & Components

Covers project development services, construction & commissioning, fabrication & components and technical services & spares.



Group Headquarters in Leipzig, Germany, with a Global Footprint

3

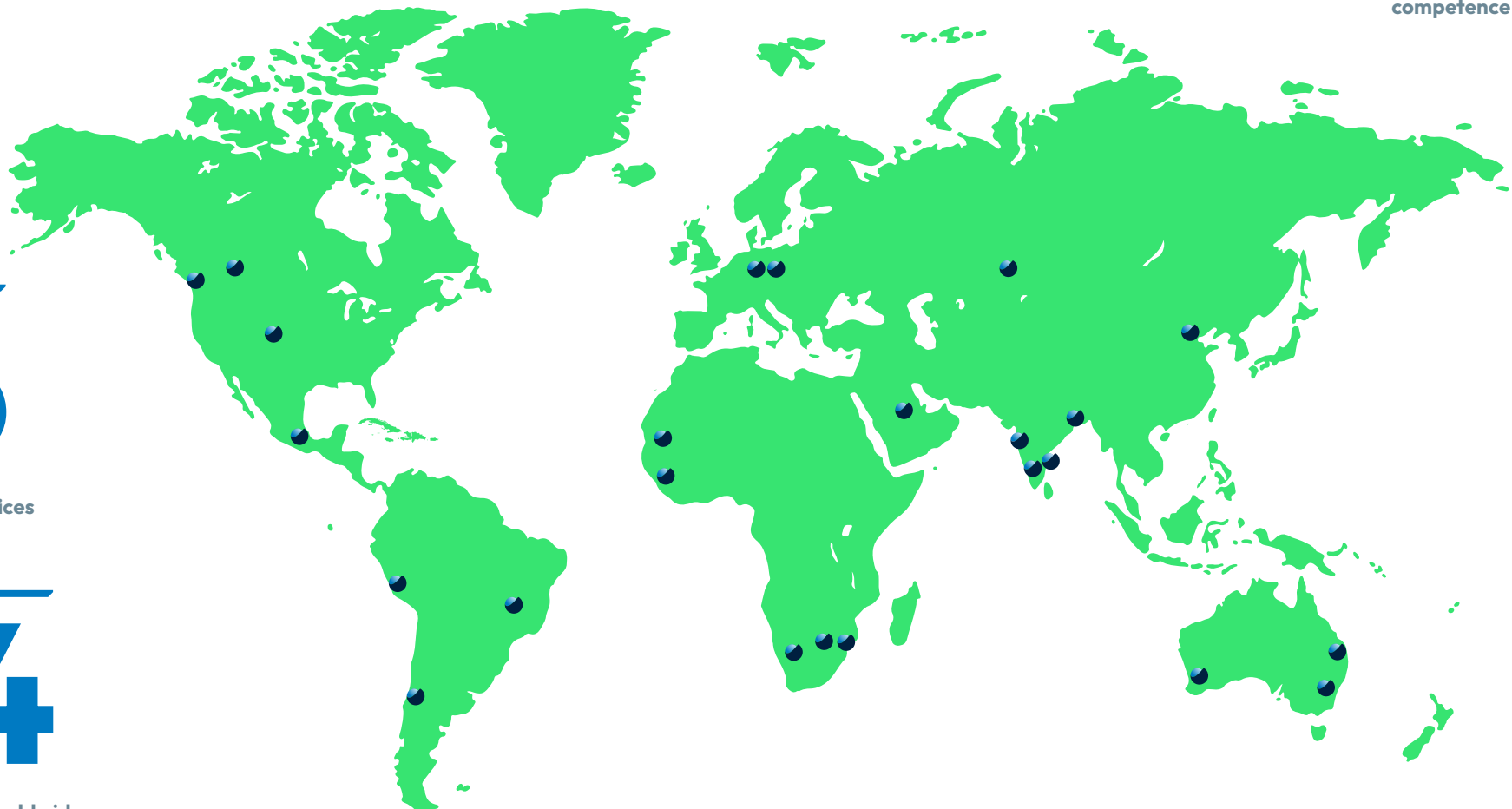
global
competence centers

15

countries with offices

24

office locations worldwide



Material Topics

Based on the comprehensive double materiality analysis conducted by TAKRAF Group for the 2023 sustainability report, both financial and non-financial materiality aspects were assessed, thus enabling the identification of key ESG issues in line with the business strategy. This assessment followed CSRD and ESRS guidelines.

Using a mix of quantitative and qualitative methods, the analysis engaged internal and external stakeholders to evaluate impact materiality (ESG effects) and financial materiality (risks and opportunities) over a three- to five-year horizon.

The double materiality analysis resulted in a clear ranking of ESG topics based on their overall relevance, considering both their impact and financial materiality.



TAKRAF Gearless Underground Conveyor to Surface, 3 km, 11,000 t/h

These are the most material topics:**1. Business Conduct**

Ranked as the highest priority with a score of 1.6, this topic underscores TAKRAF Group's commitment to ethical business practices and legal compliance – essential for maintaining trust and long-term viability.

2. Water and Marine Resources

With a score of 1.3, this topic is closely linked to TAKRAF Group's DELKOR brand, whose liquid/solid separation technologies play a significant role in reducing water consumption and improving resource management.

3. Climate Change

Scoring 1.2, climate change is a central element of TAKRAF Group's strategy, with a strong focus on energy efficiency and emission reduction in its operations and product design.

4. Own Workforce

At 1.0, this topic highlights TAKRAF Group's emphasis on employee safety, wellbeing and development – recognized as essential pillars of long-term business success.

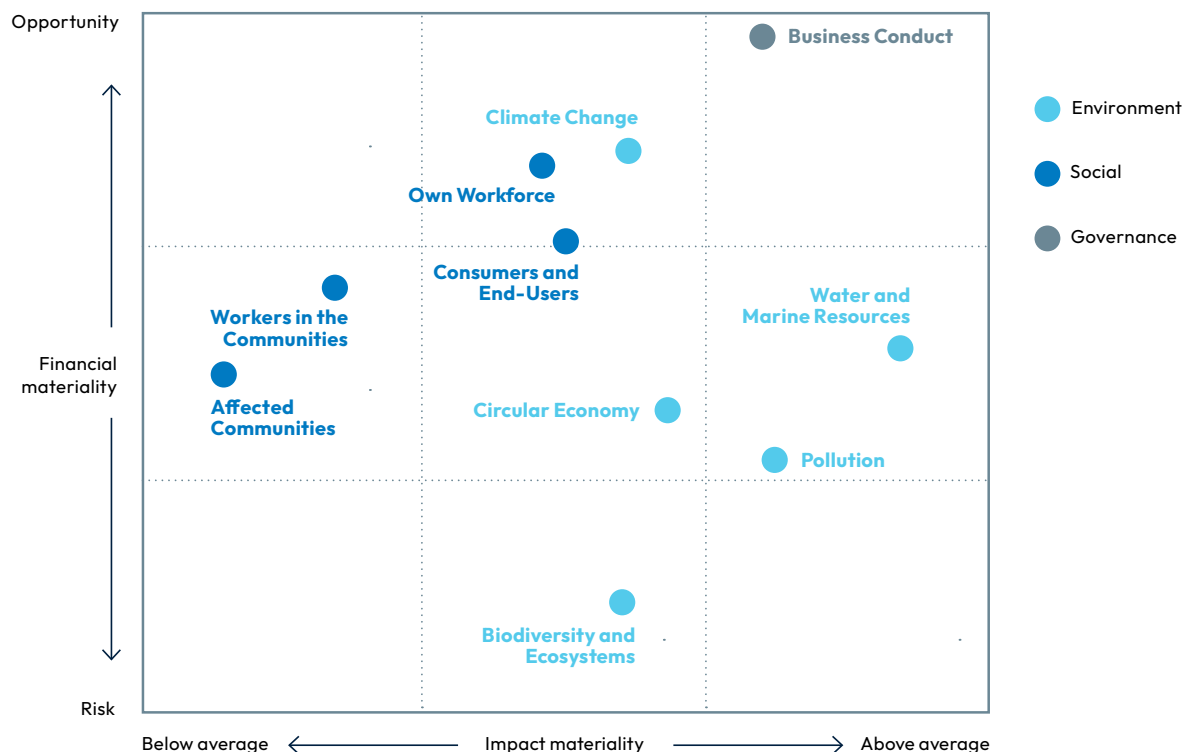
5. Pollution and Consumers and End-Users

Both scored 0.9, reflecting TAKRAF Group's dual commitment to minimizing environmental pollution and ensuring product safety, quality and reliability for customers worldwide.

We see ESG considerations as key opportunities for growth, particularly in resource efficiency, innovation and sustainable partnerships. DELKOR products, for example, can have a significant positive impact on water management.

We don't anticipate major financial risks from ESG factors in the near future. In line with our business model, we have integrated additional sub-topics into our ESG reporting, such as business model innovation, ethics and supply chain security, all under "Business Conduct". In 2025, we continued to review data inputs, corrected for measurement

and documentation errors and continued measuring Scope 1 and Scope 2 emissions. Looking ahead, we will continue strengthening our ESG data systems and reporting to remain aligned with stakeholder expectations and evolving regulatory standards.

Materiality Matrix

Our Sustainability Framework

Following the double materiality analysis, we developed a Sustainability Framework to address our most material topics with targeted measures and to clearly communicate our sustainability goals.

The process was launched together with managers from multiple disciplines and key internal partners, who worked jointly to shape the framework and define a shared sustainability mission. The outcome remains:

We are pioneers in the sustainable transformation of our industry.

- We support our employees, customers, suppliers and partners to grow and innovate while safeguarding the well-being of our planet.
- We contribute to a resilient and just world by acting responsibly.



E – Environment

We possess an overriding commitment to the environment in which we live and operate.



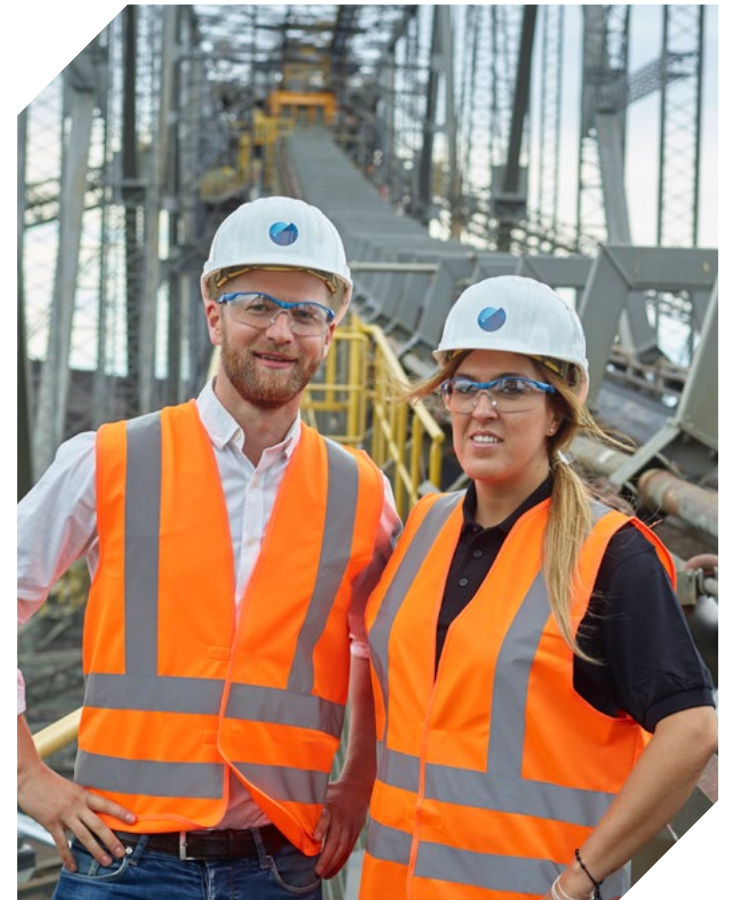
S – Social Responsibility

We ensure a safe, respectful work environment and offer socially responsible products and services for all stakeholders.



G – Governance

We prioritize strong governance, especially compliance, in all our processes and collaboration with industry stakeholders.



Sustainability
ambition**Environment**

We lead the way in addressing the growing demands for sustainability across our industry.

**Social Responsibility**

With 300 years of engineering expertise, we create innovative solutions that support the drive towards a carbon-neutral and environmentally friendly future.

**Governance**

Our commitment to technology and strong governance ensures responsible solutions for a better tomorrow.

Pillars

We possess an overriding commitment to the environment in which we live and operate.

We ensure a safe, respectful work environment and offer socially responsible products and services for all stakeholders.

We prioritize strong governance, especially compliance, in all our processes and collaboration with industry stakeholders.

Focus areas

Climate Change

Pollution

Water and Marine Resources

Biodiversity and Ecosystems

Policies on Resource Use and Circular Economy

Commitment to a Diverse and Responsible Workforce

Commitment to Workers in the Value Chain

Commitment to Clients and End-Users

Commitment to Governance and Ethical Business Conduct



Environment



Climate Change

20

Pollution

22

Water and Marine Resources

24

Biodiversity and Ecosystems

26

Resource Use
and Circular Economy

27





01 – Climate Change

Climate Strategies

TAKRAF Group's climate policies are centered on reducing emissions both within its operations and throughout the industry value chain. Key focus areas include:



Business Operations: Lowering emissions and energy consumption through efficiency measures and the use of renewable energy.



Product Impact: Designing and promoting continuous mining systems that reduce Greenhouse Gas (GHG) emissions, conserve resources and reduce energy consumption across all processes.



Service Impact: Providing expert support to help clients reduce emissions, from the planning phase through to operations.



R&D Efforts: Driving innovation in energy-efficient, low-emission products, ranging from continued development and trial testing of the conveyor test rig, to continued separator development, the integration of advanced landscape visualization in machine automated operation and development of innovative welding techniques to rebuild worn-out components rather than scrapping.



34 m diameter DELKOR Paste Thickener for iron ore tailings, Mexico



Solar panels installed on the roof of TAKRAF South Africa's head office in Johannesburg, operational since May 2025

Solar panels South Africa

Johannesburg – Running on Sunshine

In May 2025, TAKRAF South Africa's head office in Johannesburg went solar. Two 50 kW inverters supported by a 61 kWh battery bank now cover an anticipated 50% of the office's energy needs – with a projected return on investment within five years. LED lighting throughout the premises adds to the savings.

What began as a pilot is designed to scale: TAKRAF South Africa intends this installation to be the blueprint for the other offices in South Africa. During working hours, the office runs primarily on sunlight.

Actions and Resources

TAKRAF South Africa is advancing its transition towards green electricity through the installation of a rooftop photovoltaic system at its Johannesburg office.

Also, TAKRAF Group applies innovative technologies to reduce energy use and GHG emissions across the entire value chain. Key innovations include:

- In-Pit Crushing & Conveying (IPCC):** Materials are crushed directly in or near the mine and transported via efficient conveyors, reducing reliance on energy-intensive and polluting alternative transport systems.
- High Pressure Grinding Rolls (HPGRs):** This technology uses high pressure to grind ore and rock with lower energy demand than traditional grinding processes, especially for hard materials. HPGRs also enhance downstream flotation efficiency, further improving overall processing.
- Efficient and effective flotation cells:** DELKOR's BQR Flotation Cells with proprietary MAXGen mechanisms increase mineral recovery rates while reducing energy consumption, boosting overall process efficiency.
- Gearless Conveyor Drives (GCDs):** A powerful and energy-efficient alternative to conventional drives in conveying systems.
- In 2025, the significant reduction of **GHG** of our technologies became evident in the installation of our Conveying System for Minera Collahuasi's Ujina mine in Chile (see page 10).

2,072 tCO₂

Scope 1 GHG emissions 2025

1,502 tCO₂

Scope 2 GHG emissions 2025

7,201 MWh

Energy consumption 2025



02 – Pollution

Environmental Pollution Strategies

TAKRAF Group's pollution strategies focus on four key areas:



Business Operations: Across offices and workshops, TAKRAF Group actively works to prevent air, soil and water pollution, continuously adopting cleaner practices to reduce environmental impact.



Product Impact: TAKRAF Group designs its equipment and solutions to meet the demands of the mining industry while minimizing soil and air pollution, noise and environmental risks. By leveraging both TAKRAF and DELKOR brands, the Group enhances tailings management safety and sustainability through DST equipment.



Service Impact: Our specialists guide clients throughout the equipment selection process, advising on optimal sizing for specific processes. Aftersales teams monitor performance and conduct regular site inspections to ensure efficient operation, reduce downtime and maintain environmental standards.



R&D Efforts: Innovation drives the reduction of pollution. TAKRAF Group's R&D teams continuously develop new technologies and improve existing solutions to lower environmental impact across the industry value chain.



TAKRAF Gearless Overland Conveyor, 5.3 km, 11,000 t/h, Chile



Actions and Resources

TAKRAF Group is taking concrete measures to reduce environmental pollution across its operations and product lines. As part of these efforts, the company is progressively incorporating electric vehicles into its fleet where practical and locally available. In addition, TAKRAF Group's equipment and service innovations contribute to reducing emissions and environmental impacts throughout the value chain:

- Emissions reduction** through Gearless Conveyor Drives (GCDs): Together with a specialized drive partner, gearless drive technology is applied to conveyor drive pulleys. GCDs eliminate the need for a gearbox, boosting efficiency, reliability and reducing maintenance. The technology also cuts the system's footprint and emissions.
- Dust reduction** through the use of tube conveyors, minimized transfer points, extra-long conveyors (up to 7 km in a single flight) and advanced dust extraction systems, which reduce the reliance on heavy-duty trucks and limit airborne particles.
- Noise reduction** technologies, such as long conveyors with fewer drives and transfer points, or bucket-wheel excavators where applicable, decrease noise and vibrations by eliminating the need for blasting.

- Water management solutions**, such as DELKOR's dewatering equipment that promotes the re-use of process water. Furthermore, TAKRAF Group's DST offering indirectly reduces pollution, since process water is reused in the plant instead of being stored in tailing dams and groundwater contamination through seepage is virtually eliminated.

66 %

Reduction in CO₂ emissions*

*For a copper mine in Chile, studies showed that a TAKRAF GCD conveyor system reduced CO₂ emissions by 66% compared with diesel truck haulage for the same production volume.



Head drive station of the TAKRAF Gearless Overland Conveyor, 5.3 km, 11,000 t/h, Chile



03 – Water and Marine Resources

Water and Marine Resources Strategies

TAKRAF Group's approach to water and marine resources focuses on four key areas:



Business Operations: Many of TAKRAF Group's offices and operational sites are located in regions facing significant water-related challenges, including Australia, Brazil, Chile, India, Saudi Arabia and South Africa. TAKRAF Group is committed to reducing its water consumption in these areas by carefully managing its use of water and handling wastewater in an environmentally responsible manner.



Product Impact: DELKOR's dewatering products, such as thickeners, belt filters and filter presses, reduce the need for fresh water, increase recycling rates and minimize waste. Combined with DST solutions, these products are particularly suited to water-scarce mining operations. TAKRAF's harbor and port equipment, including ship/barge loaders, unloaders and tube conveyors, ensures safe material handling without polluting nearby water sources.



Service Impact: TAKRAF Group supports clients throughout the entire project lifecycle, from planning and designing to the installation and operation of its equipment. Specialists recommend solutions tailored to client operations to optimize water use and prevent marine pollution. Aftersales services, including performance monitoring, enable adjustments that reduce water consumption and wastewater, promoting sustainable practices in water-stressed regions.



R&D Efforts: Innovation continues to drive water efficiency. TAKRAF Group's R&D teams develop and test new products both in laboratories and at client sites, aiming to help clients reduce their water footprint. Currently, DELKOR is researching efficiency and design improvements of its filtration equipment product line, as well as innovative mobility options for some of its dewatering and wet processing solutions.

As part of the 2025 Innovation Challenge and with a view to resolving a persistent issue faced by processing plant operators, DELKOR colleagues worked on a submission that looked at enhancing the efficiency and working principle of a belt linear screen. By reducing the carryover of solids into downstream water streams, the initiative aims to prevent water contamination, lowering water treatment demand, and decreasing the volume of process water requiring reprocessing.

Actions to Reduce Water Use

TAKRAF Group's DELKOR brand offers a range of dewatering equipment designed to help industries reduce fresh water consumption and waste:

- DELKOR Thickeners:** These units recover and recycle process water, reducing or even eliminating the need for tailings dams. Water recovery rates range from 60% to 93%, significantly reducing freshwater usage.
- DELKOR Horizontal Belt Filters (HBF):** Utilizing vacuum filtration, HBFs provide high-capacity dewatering for a wide range of commodities across various industries. DELKOR pioneered their use for acid filtration and they are now widely applied for tailings filtration as well.
- DELKOR Filter Presses:** Applying pressure to dewater a wide range of commodities, filter presses produce dry filter cakes that can be safely handled. They are typically used downstream of mining or mineral processing plants, as well as in chemical or fertilizer plants or Effluent Treatment Plant (ETP), to manage tailings and waste sludge efficiently.

Water Consumption Data

TAKRAF Group actively monitors water usage across its offices and workshops worldwide. In 2025, the Group withdrew approximately 3,313 cubic meters of drinking water. This tracking demonstrates TAKRAF Group's commitment to understanding its environmental impact and identifying opportunities for improvement.



DELKOR High-Rate Thickener, Morocco



DELKOR BQR Flotation Cell test plant, Brazil

DELKOR Brazil flotation test plant

Brazil – Flotation with Less Water, More Recovery

Water is among mining's most critical resources – and one of its greatest responsibilities. In 2025, TAKRAF Group secured a landmark order in Brazil for 36 BQR Flotation Cells equipped with the proprietary MAXGen™ mechanism, marking its breakthrough with the DELKOR BQR flotation technology in one of the world's most competitive mining markets.

The technology achieves superior metal recovery rates while optimizing water use within the flotation circuit – reducing the overall water footprint of minerals processing.

What began as a single test cell retrofitted into a system of another Original Equipment Manufacturer (OEM) became a full-scale upgrade. The result: better performance, less waste.



04 – Biodiversity and Ecosystems

Biodiversity and Ecosystems Strategies

TAKRAF Group's approach to biodiversity is integrated into its broader sustainability policies and focuses on four key areas:



Business Operations: TAKRAF Group is aware of the importance of biodiversity at its operating sites and manages its impact in a responsible manner. This includes ensuring that its activities do not harm local ecosystems surrounding its offices, workshops and operational facilities.



Product Impact: Our equipment is designed to minimize environmental effects, indirectly supporting biodiversity. By reducing land use, such as the need for tailings dams in mining operations, TAKRAF Group helps prevent land degradation, desertification, soil sealing and groundwater contamination, which is critical to preserving ecosystems.



Service Impact: TAKRAF Group's services promote ecosystem protection by addressing deforestation, desertification and land and sea degradation. They enhance resource efficiency and minimize waste while protecting local biodiversity.



R&D Efforts: Innovation drives biodiversity protection. TAKRAF Group's R&D develops, tests and refines solutions, equipment and services to reduce ecological footprints. This includes laboratory and on-site testing to develop practical options, which have a lower environmental impact for clients.

Financial Impact of Biodiversity and Ecosystems Efforts

Our commitment to reducing environmental impact also strengthens our business performance. By offering resource-efficient equipment and services that minimize waste, reduce the use of natural resources and extend equipment lifecycles, our Group enhances its competitiveness in the global market.

Clients, especially in industries such as mining, increasingly demand solutions aligned with their sustainability goals, making TAKRAF Group's environmentally conscious offerings a key competitive advantage.



TAKRAF Group Dry Stack Tailings (DST) System for the safe management of iron ore tailings, Brazil



05 – Resource Use and Circular Economy

~80 %

of products are recyclable *

*as a large proportion is made of steel

Resource Use and Circular Economy Strategies

TAKRAF Group's approach to resource use and the circular economy focuses on four key areas:



Business Operations: TAKRAF Group emphasizes responsible resource use in its day-to-day activities, optimizing resource inputs, ensuring the efficient use of materials, while also focusing on reducing overall waste, particularly in manufacturing processes.



Product Impact: Our equipment is increasingly designed with circular economy principles, minimizing resource inputs and enabling refurbishment, reuse and recycling. At the end of their lifecycle, machines generate less waste, conserve materials and reduce environmental impact, while extending equipment life and decreasing the need for new raw materials.



Service Impact: TAKRAF Group's services help clients optimize resource use. Our specialists guide clients throughout the entire process, from selecting the right equipment to ensuring that the equipment operates efficiently and sustainably. By designing and providing equipment that is robust, long-lasting, and easy to maintain, TAKRAF Group helps clients reduce waste.



R&D Efforts: R&D activities focus on enhancing resource efficiency, reducing wear and tear, extending service intervals and streamlining maintenance. The ultimate goal is to reduce waste and resource inputs while improving performance and sustainability.



17 km, 2,500 t/h TAKRAF Overland Conveyor for molybdenum, USA



Refurbishment of bucket-wheel excavator at NLCIL in India

India – The Art of Refurbishment: 36 Years In, Still Going Strong

Material efficiency rarely looks as concrete as this: a bucket-wheel excavator commissioned in 1989, with over 170,000 operating hours on the clock, fully refurbished and recommissioned for another 15 years of service.

TAKRAF India completed all four refurbishment orders for NLC India Limited in 2025 – replacing critical components, upgrading to modern control systems and renaming the machine KING CHOZHA BWE 1574. This is a testament that precision engineering extends what already exists.

Actions and Resource Inflows/Outflows

TAKRAF Group has introduced several innovative products and services to enhance resource efficiency across the value chain. For example, in collaboration with its conveyor drive partner, the Group applies GCDs to conveyor drive pulleys. GCDs eliminate the need for a gearbox, reduce the system's footprint, and significantly decrease the number of wear parts.

Major maintenance projects in 2025 include TAKRAF's Product & Service Center's in

Lauchhammer, Germany, and TAKRAF USA's service & aftermarket team's assistance in maintenance activities at a Guinean mining company's wagon unloading (railcar dumper) and crushing facility.

From the outset, TAKRAF Group designs its products to be durable, fully repairable and refurbishable. Spare parts are readily available or can be manufactured to meet client needs, extending product life and reducing waste.

Waste Generation

242,866 kg

Waste generated 2023

445,861 kg

Waste generated 2024

246,086 kg

Waste generated 2025

The majority of waste is non-hazardous.



Social Responsibility

Commitment to Our Own Workforce	30
Commitment to Workers in the Value Chain	33
Commitment to Clients and End-Users	34





01 – Commitment to Our Own Workforce

For a Diverse and Equitable Workforce

At TAKRAF Group, we are proud of our workforce, which averaged 1,019 employees in 2025, with approximately 16% female and 84% male representation. We believe that diversity and equal opportunity are essential drivers of success and innovation.

Our Employment and Human Rights Policy further underlines our commitment to fair treatment and non-discrimination for all employees and service providers. We work actively to prevent bias and foster equal opportunities throughout the organization.

For example, TAKRAF Group ensures fair and competitive wages through benchmarking, local assessments and collective agreements, aligning compensation with national and international standards. Furthermore, TAKRAF Group fosters inclusion by complying with anti-discrimination laws, employing people with disabilities and encouraging their applications where roles are suitable.

In 2025, no incidents of discrimination or severe human rights impacts were reported within TAKRAF Group operations.

Because employee perspectives are crucial, we actively engage with our workforce and, where relevant, their representatives on projects, policies and processes that may impact them. This collaboration ensures that diverse voices are heard across all levels of TAKRAF Group.

Through regular performance reviews, tailored training programs, surveys and new digital tools that optimize learning and development processes across the entire group, we invest globally in the professional development of our employees.



85 %

employees with certified
health and safety coverage

For a Healthy and Safe Workforce

The health and safety of our stakeholders remain at the heart of our operations and form the foundation of our Zero Harm approach. Guided by our comprehensive QHSE Policy, we ensure that employees, clients and partners alike benefit from a safe and sustainable working environment. When it comes to health and safety, we make no compromises.

Our employees also benefit from comprehensive social protection, with TAKRAF Group meeting or exceeding legal obligations in all countries of operation. Furthermore, employees across all countries are entitled to family-related leave in line with national regulations, with flexible systems supporting work-life balance.

Finally, data security and privacy are safeguarded as top priorities, as trust in these areas is essential to maintaining strong and lasting relationships with our workforce.

0

Recordable accident rate in 2025

0

Fatalities were recorded in 2025



Pulse Survey & Culture Survey

Listening at Scale – Across 24 Locations

Understanding what 1,000+ employees across 24 locations think, feel and need is not straightforward. In 2025, TAKRAF Group continued its structured approach to employee engagement through two global initiatives: the Pulse Survey and the Culture Survey.

Together they cover what matters most – engagement, inclusion, well-being and satisfaction – while actively surfacing risks and gauging how employees perceive leadership's commitment to diversity. Two open questions ensure that what cannot be captured in indicators can still be heard. It is the kind of listening that turns workforce data into decisions.

People Stories



Daniela Madrid, HR Manager for TAKRAF Group in Chile & Peru

Daniela Madrid – HR Manager Chile & Peru

Daniela Madrid joined TAKRAF Chile in 2007 as a Project Controller, took a break to raise her family, and returned in 2018 as HR Manager – being responsible for TAKRAF Group colleagues in Chile and Peru. Her career across mergers, rebranding and a global pandemic reflects TAKRAF Group's own story: resilience through change, driven by people who believe in what they are building together.



Geetha Narayanamurthy – Senior Manager Procurement, DELKOR India

Geetha Narayanamurthy joined TAKRAF Group in 2013 as a design engineer and has since moved into procurement – leading, among other projects, the industry 4.0 purchasing activities for a major project in Morocco. Outside of work, she co-runs AMBA, an NGO that supports mentally challenged people with data entry work, helping them achieve financial independence. At TAKRAF Group, she found an environment where guidance flows in both directions. That, she says, makes every day a pleasure.



Geetha Narayanamurthy, Senior Manager Procurement, DELKOR India





02 – Commitment to Workers in the Value Chain

For Safe Global Operations

Our commitment to health, safety, and human rights extends far beyond our own workforce – it applies equally to all workers across the value chain. The well-being of everyone connected to our business is integral to our success and we remain dedicated to our Zero Harm approach, ensuring safety and dignity at every level.

As part of our quality assurance and purchasing policy, supported by regular audits, we require suppliers to uphold occupational safety standards. In addition, we are currently developing a Supplier Code of Conduct to strengthen expectations around safety, fairness and human rights.

We implement clear procedures to prevent, detect and address misconduct, with transparent whistleblowing processes that enable workers and employees to safely report concerns. Importantly, TAKRAF Group is not aware of any severe human rights issues or incidents connected to workers in the value chain.

By holding ourselves and our partners accountable, we foster a culture of integrity and responsibility that protects people and builds trust across all of our global operations.





03 – Commitment to Clients and End-Users

For a Professional and Reliable Cooperation

At TAKRAF Group, we extend our commitment to diligence and responsibility to our clients and end-users, applying the same rigorous standards that guide our own workforce. Our dedication to Quality, Health, Safety, and Environment (QHSE) principles shapes every step – from designing equipment and services to managing client expectations and providing expert consultations on implementation and usage.

To prevent or mitigate severe negative impacts on consumers and end-users, we apply systematic risk assessments, constructive and control measures, as well as proven instruments such as installation manuals, handover procedures, safety management and maintenance plans. These measures safeguard reliability, reduce risks and ensure the long-term safety of our solutions.

We continuously track and assess the effectiveness of these actions through structured processes, including incident investigations, compliance management, handling of defective products and services, and warranty tracking. This feedback loop ensures continuous improvement and reinforces our accountability towards clients and end-users.

Equally important, we prioritize data security and privacy. Protecting sensitive information is a cornerstone of our client relationships and we ensure that our technologies and services comply with strict data protection regulations worldwide.

By combining technical excellence with responsibility and transparency, TAKRAF Group delivers safe, reliable and sustainable solutions that create lasting value for clients and end-users across the globe.



Deep Dive on Functional Safety

Safety Doesn't Stop at Handover

TAKRAF Group's zero harm commitment does not end at the factory gate. The same principle that governs the safety of TAKRAF Group's own workforce extends to every operator, maintenance technician and site manager who works with TAKRAF Group equipment in the field.

Through dedicated Functional Safety and Risk Management – applying ISO 13849 and IEC 62061 standards from the tender phase through to commissioning – TAKRAF Group ensures that safety is engineered in, not added on. Structured onboarding, operating manuals, training programs and ongoing service plans carry that commitment forward.

Governance

Commitment to Governance and Ethical Business Conduct

36





01 – Commitment to Governance and Ethical Business Conduct

At TAKRAF Group, we are committed to operating in full compliance with all applicable laws and regulations across every area of our business. Integrity forms the foundation of our corporate culture, guiding us with transparency, ethical behavior and robust measures against bribery and corruption in every interaction with employees, clients, suppliers and stakeholders.

To uphold these principles, we rely on a strong framework of policies, including our Code of Conduct, Anti-Bribery Policy, QHSE Policy and Transparency Policy. In 2025, we reinforced this commitment by rolling out group-wide AI policy and Gifts and Hospitality Procedure, as well as mandatory training on Conflict of Interest and the compliant use of AI.

We are proud to be a certified applier of internationally recognized standards, such as ISO 9001 for Quality Management, ISO 14001 for Environmental Management and ISO 45001 for Management Systems.

In addition, we provide a secure and transparent whistleblowing mechanism, fully compliant with European and German law. This ensures that employees and stakeholders can safely raise concerns, which are promptly addressed in line with our accountability commitments.

Governance and responsibility also extend to our value chain. We carefully manage supplier relationships to ensure alignment with our ethical standards and operate in full compliance with international sanction regimes.

As advocates for ESG principles, we actively encourage our clients to select solutions and equipment that deliver the greatest positive environmental impact. Even when these go beyond regulatory requirements or entail higher costs. This reflects our long-standing dedication to sustainability, responsibility and safety, ensuring that ethical business conduct remains central to everything we do.



Compliance Training

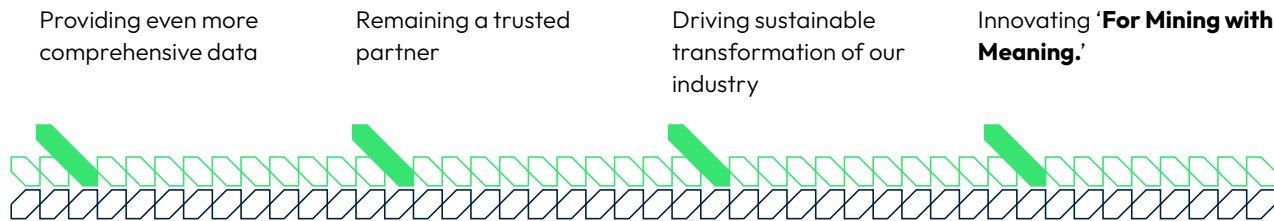
Knowing the Rules – Before They Matter

Good governance starts before anything goes wrong. In 2025, TAKRAF Group rolled out three mandatory compliance training programs for all employees worldwide: data protection, the compliant use of AI, and conflict of interest.

Delivered via an external e-learning platform, the trainings build on the group-wide Code of Conduct and Compliance Fundamentals programs completed in 2024. The underlying logic is consistent: in a company operating across 24 locations in complex regulatory environments, informed employees are the first line of defense.

The Road Ahead

Driving sustainable transformation of our industry.



Our third sustainability report marks another important milestone in TAKRAF Group's ongoing journey toward greater transparency, accountability and impact.

Building on the foundation set in 2023, we have been deepening our understanding of ESG principles, refined our processes and expanded our reporting to provide a clearer picture of where we stand and where we are headed. The learnings gained over the past years are helping us sharpen our strategy and strengthen the integration of sustainability into every aspect of our business.

TAKRAF Group's 300th anniversary highlights that we stand as a global technology provider with a proud legacy of engineering excellence and innovation. Yet our focus is not only on honoring the past but also on preparing for the future.

The path forward remains one of continuous development. We will further enhance the quality and consistency of our ESG data, continue to advance sustainability-related innovations within our product portfolio, and, where feasible, seek to improve the environmental and

social performance of our own operations. At the same time, we aim to remain a reliable partner for our clients, employees, stakeholders and communities as we contribute to the ongoing transformation of our industry.

With the introduction of our brand claim – **For Mining with Meaning.** – we have given a name to what has guided our engineering for three centuries. It is not just a statement of identity. It is a commitment to innovate in ways that make mining safer, cleaner and more purposeful.



For questions, feedback, or further information about our solutions, please contact us at info@takraf.com.

Glossary



AI	Artificial Intelligence
CEO	Chief Executive Officer
CSR	Corporate Social Responsibility
CSRD	Corporate Sustainability Reporting Directive
DST	Dry Stack Tailings
ESG	Environmental, Social and Governance
ESRS	European Sustainability Reporting Standards
ETP	Effluent Treatment Plant
EU	European Union
GCDs	Gearless Conveyor Drives
GHG	Greenhouse Gas
HBFs	Horizontal Belt Filters
HPGRs	High Pressure Grinding Rolls
IPCC	In-Pit Crushing and Conveying
ISO	International Organization for Standardization
OEM	Original Equipment Manufacturer
R&D	Research and Development
QHSE	Quality, Health, Safety and Environment



Training at the Product & Service Center in Germany



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