

Chrome Industry Sustainability Awards 2023

An initiative sponsored by  **TELF AG**



CASE STUDIES



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MESSAGE FROM THE ESG COMMITTEE

Over the years, we have made sustainability and ESG a key focus of ICDA's activities. We are proud of the growing awareness and the number of valuable initiatives developed by our members.

With the establishment of these Sustainability Awards, ICDA, with the support of TELF AG, would like to recognise those who go beyond the standard requirements and encourage more companies to follow the same path. We strive to lead by example.

This sound competition is open to any ICDA member in good standing that has achieved significant environmental, social or governance developments.

We received 16 case studies, which will be difficult to rank as they are all extremely valuable initiatives.

The case studies are presented per Environmental, Social and Governance category and per company in alphabetical order.

■ **Environment**

Companies that have made significant improvements in environmental and biodiversity protection, climate change mitigation and energy efficiency.

■ **Social**

Companies that have made significant improvements in the area of employee and community well-being including minorities and human rights and gender equality.

■ **Governance**

Companies that have implemented significant measures in the areas of transparency and anti-corruption.

We hope you will be inspired by these initiatives and look forward to your participation in future editions.

Dirk Radermacher
ICDA ESG Committee
Chairperson



Sheraz Neffati
Executive Director



LETTER FROM THE SUSTAINABILITY SPONSOR – TELF AG

The industry we serve has a massive impact on our planet. Globally, we emit around 40 billion tonnes of greenhouse gases each year. The metal and mining sector alone is responsible for about 20% of the world's greenhouse gas emissions, 8% attributed to the steel industry specifically.

While being among the most sustainable materials, the stainless-steel industry still requires large amounts of energy and raw materials to produce. To successfully achieve global energy and climate goals, emissions must fall by at least 50% by 2050. The ferrochrome industry plays a vital role in the stainless steel decarbonization roadmap.

The challenge is massive, and we must work together to reach this goal.

TELF AG's purpose as a company is to support modern life by bringing together producers and consumers of physical commodities in a reliable, transparent and responsible way. Given our role in the market- as physical commodity traders- sustainability is not just about managing our own impacts, risks and opportunities. It is also about bringing together upstream and downstream actors to promote transparency and sustainability practices across the value chain.

Sponsoring the first Chromium Industry Sustainability Awards is a statement of our commitment to building more sustainable supply chains.


By facilitating this space, we aim to recognize the brave and bold companies that are paving the way to a more sustainable future and encouraging the rest to follow. Let us take this opportunity to learn from each other, because although there can only be one winner per category- in reality- by promoting industry collaboration and sharing of best sustainability practices, we collaborate to build a better future for ourselves and the generations to come- we all win.

Diana Gonzalez Yamuni
Head of Sustainability, TELF AG





I. ENVIRONMENT



Al Tamman Indsil Ferrochrome (FZC) LLC, Oman

SULTANATE OF OMAN'S FIRST METALLURGICAL PLANT WITH INDEPENDENT SOLAR POWER PLANT



The objectives of the project are to:

- Reduce the dependence on gas and other fossil fuels for electricity generation and move to a more balanced and environmentally sustainable energy mix.
- Increase the availability of the renewable power generation capacity in the energy mix
- Improve the balance between supply and demand during the peak hours of energy requirement in the Sultanate of Oman
- Creating awareness on use of non-hydrocarbon based renewable energy in a fossil fuel dependent country by showcasing the usage of Solar power generated electricity for bulk consumption in an industry

Al Tamman Indsil Ferrochrome (FZC) LLC- ATIFC

Al Tamman Indsil Ferrochrome (FZC) LLC, is a 50:50 Joint Venture between Muscat Overseas Group of Oman and Indsil Group of India and was setup with the objective to tap the potential of chrome ore reserves in Oman by establishing an upstream facility to manufacture value added products.

The operational facilities are spread over an area of 19 hectares at Free Zone Sohar. The facilities are connected to Sohar Port which is around 10 km away from the plant. The Installed capacity of the smelting plant, having two 24MVA furnaces, is 75,000 t per annum high Carbon Ferrochrome.

The production facilities were commissioned during the year 2013.

The total electrical energy requirement of operation facilities is 265 GWh per annum.

During the year 2020 ATIFC commissioned a 25MW solar power plant in collaboration with M/s Sohar Solar Qabas LLC. This being the first industrial scale solar power project which caters to the electric power needs of the smelting plant.

The new facility replaces 25% (65MWh minimum) of the electrical energy consumed from conventional to non-conventional source of electrical power (solar power). As a renewable source of power, solar energy has an important role in reducing greenhouse gas emissions and mitigating climate change.

With the installation of this new facility ATIFC has become a pioneer in utilization of solar power in the smelting industry in Sultanate of Oman.

Key Facts

- **Fuel:** Sun light, PV
- **Location:** Sohar, Oman
- **Power:** 25 MW
- **Annual Power:** 65 GWh
- **Off take contract:** 23 Years
- **Basis:** Build, own, operate, transfer
- **Built & operated by:** Sohar Solar Qabas LLC, Sultanate of Oman
- **Land:** 50 Hectares
- **Solar modules:** 88000 no
- **Reduction in CO2 emissions:** 25000 t per annum
- **Salient feature:** The solar power plant is directly connected to the Ferrochrome facilities through an underground cable running around 3 km. Hence dependency on system grid for power transmission is avoided. This additionally saves the wheeling and transmission charges.

Benefits to Al Tamman Indsil Ferrochrome

- **Increased competitiveness** - Due to lower power cost.
- **Increased cost predictability** - The cost for the solar power is locked-in for the next 23 years.
- **Power management** – Efficient power management during peak load hours resulting into reducing the loss in production of Ferrochrome.
- **Lower carbon footprint** – 25% reduction in CO2 emission and in turn reduction in greenhouse gas emission.
- **Preservation of depleting hydrocarbon resources** for future generation.
- **Production gain of around 1500t per annum of high carbon Ferrochrome** by using Solar power during the peak load restrictions.

To learn further:

- [Watch the video which explains how Al Tamman will cut its carbon emissions by 25% using solar power.](#)
- [Read the Shell release about how the project will help powering a FeCr smelting company in Northern Oman and cutting its carbon emissions in the process.](#)



Eurasian Resources Group - Kazchrome, Kazakhstan



DEVELOPMENT OF A MULTI-STAGE SLIMES REPROCESSING PROGRAMME

Slimes Reprocessing Programme in Khromtau

In 2022, Kazchrome finalised the development of the ERG Green Factory - the first and foremost phase of its ambitious slimes reprocessing programme at Donskoy GOK in Khromtau, Kazakhstan.

Slimes reprocessing involves the leftover or waste products from metal production (tailings) being reprocessed into new, useful materials, thereby recycling the waste from metal production. The programme was launched to reprocess the tailings that had accumulated in the region since middle of the last century.

These tailings contain between 18% and 34% chrome oxide and are very dispersed, making the task to reprocess them extremely challenging. However, by using innovative combined gravitation flotation technology, following large-scale pilot tests by the company's R&D centre, Kazchrome has managed to enhance the enrichment of even these highly dispersed chrome-oxide bearing tailings – **with up to a 55% recovery rate.**

The company has both invested in and already constructed a new \$112 million tailings reprocessing facility (ERG Green), which forms part of the slimes reprocessing programme. **This first phase of the programme significantly reduces accumulated historical waste and helps to recycle permanently generated one in the amount of a total of 1.7 million tons per year.** The ERG Green Factory started its operations in 2023.

Kazchrome is also currently working on the next phases of its slimes reprocessing programme that focus on the development of its gravity, flotation, thickening and filtering sections, and the construction of a site for briquetting finely dispersed raw materials. Taking the total investment funding as part of the programme to \$200 million, this will significantly improve the enrichment of chrome oxide-bearing tailings.

Once all phases of the programme are launched and operational, **up to 2.2 million tons of both historical and newly generated waste will be reprocessed every year.**

These final tailings will then be deposited in a special tailings storage facility constructed and designed to meet all the requirements of the environmental legislation, overseen and operated by the company in accordance with its own environmental guidelines. **The programme will create around 400 additional jobs in total.** Ultimately, ERG envisages a two-stage processing model: initially, this will comprise the extraction of useful elements from tailings using a gravitational method, and the additional extraction of metal residues using a flotation method for tailings enrichment.

Once operating at full-scale, **the slimes reprocessing complex is expected to produce 500,000 – 700,000 tons of chromium oxide concentrate every year**, thereby simultaneously reducing the mine's tailings footprint.

To learn further:

- [ERG Kazchrome reprocessing tailings programme](#)





Eurasian Resources Group - Kazchrome, Kazakhstan

CONSTRUCTION OF THE LARGEST WIND POWER PLANT IN THE REGION OF AKTOBE.



Wind Power Plant in Khromtau

A further large-scale environmental project initiated by Kazchrome region of Kazakhstan is the construction of a major wind power plant in the Aktobe region, which will see an investment of USD 230 million and is set to be commissioned in 2024.

This is ERG's first proprietary wind farm project and forms part of the Group's ambitious ESG Strategy and decarbonisation programme, which will see it develop renewable energy sources.

With **a capacity of 155 MW to supply energy to Donskoy GOK and the Aktobe region more widely**, thereby reducing Kazakhstan's usage of coal, **the wind power plant will decrease CO2 emissions at Kazchrome by circa 520,000 tons annually.**

The wind turbine park will extend over 150 hectares near the town of Khromtau in Kazakhstan and will be constructed using the latest engineering and technology. **Around 300 jobs will also be created** during the construction phase.

There is a potential to further expand the wind capacity at the site by an additional 150MW in the future.

To learn further:

- [ERG news – Eurasian resources Group to invest USD 230m in building the most powerful wind power plant in Aktobe, Kazakhstan](#)
- [Video – ERG shall construct the most powerful wind power plant in Aktobe region](#)



Glencore Ferroalloys South Africa



**ENDANGERED
WILDLIFE TRUST**
Protecting forever, together.

Biodiversity footprint assessment using the Biological Diversity Protocol, in partnership with the Endangered Wildlife Trust in South Africa.

What is a Biodiversity Footprint ?

A Biodiversity Footprint is the total impact (both positive and negative) that a business has on both ecosystems and species. For ecosystems, the Total Biodiversity Footprint is the sum of the surface areas within a specified organisational boundary (e.g., in Ha). The Positive Biodiversity Footprint is calculated as the sum of ecosystem areas adjusted for condition. This is expressed in hectare equivalents or Ha eq. The Negative Biodiversity Footprint (Ha eq.) is the difference between the Total Biodiversity Footprint and the calculated Positive Biodiversity Footprint.

What is the Biological Diversity Protocol?

Developed by the National Biodiversity and Business Network (NBBN), the BD Protocol is the first and only to date, standardized accounting framework based on double-entry bookkeeping and designed to help any organization consolidate its impacts on biodiversity. The BD Protocol enabled Glencore Ferroalloys to produce Statements of both Performance (periodic changes) and Position (accumulated changes over time). Using this accounting framework, Ferroalloys will be able to track any changes for each operation and ecosystem asset as part of the audit process to meet their biodiversity targets.

Ecosystem inventory

14 ecosystem types assessed including threatened ecosystems

Vulnerable (VU)

- Marikana Thornveld
- Eastern Highveld Grassland
- Rand Highveld Grassland

Endangered

- Sekhukhune Plains Bushveld
- Sekhukhune Mountain Bushveld

Target Setting

Glencore Ferroalloys developed targets using the BD Protocol and through guidance of the 2022 Glencore Target setting and Tracking Guideline to:

- Better identify its biodiversity risks and opportunities.
- Build and ecosystem asset register.
- Assess the surface area of its positive and negative impacts.
- Produce a biodiversity footprint baseline for target setting.
- Disclose impacts using international best practice

To learn further:

- [Biodiversity Disclosure Project](#)
- [Glencore biodiversity monitoring](#)

Glencore Ferroalloys, Wonderkop Smelter, South Africa

UTILISING BIOLOGICAL TREATMENT PROCESSES TO REMOVE CONTAMINANTS FROM WATER



Activities such as mining, other industrial operations, the release of partially treated sewage and agricultural practices can potentially result in contaminants such as nitrate, metals, hexavalent chromium, and sulphate into South African water resources. Glencore's Wonderkop Smelter and iWater (Pty) Ltd have developed, implemented, and optimised a sustainable, cost-effective technology to remediate site contaminants from water that uses biological treatment processes.

The biological system uses site-adapted microorganisms to perform chromium, nitrate, and sulphate detoxifications. The system could also detoxify other contaminants if they were present at the treatment site.



Change of the yellow hexavalent chromium water to clear water



Chemical analysis indicating complete removal of hexavalent chromium

PROJECT SAMANVAY

Building a stainless and sustainable tomorrow

- › Green Manufacturing
- › Carbon reduction
- › Ethical Conduct
- › Care for environment
- › Global quality standards
- › Water, Waste & Bio-diversity management
- › Empowering Local communities

Jindal Stainless, India

ପ୍ରୋଜେକ୍ଟ ସମାନ୍ବୟ

ପରିବେଶ ଓ ସମାଜର ଉନ୍ନତି ଅଭିମୁଖେ ବିହାର୍, ଖେଳାଳିଗଣ



PROJECT SAMANVAY – ALIGNING OUR GOALS WITH UN SUSTAINABLE DEVELOPMENT GOALS

Ecosystem inventory

«Project Samanvay“ started journey in 2022, to create a strategic roadmap for its broad Environmental, Social, and Governance (ESG) goals. Project Samanvay to assess its preparedness as per select ESG indices.

Materiality Issues aligned to UN Sustainability Development Goals have been discovered and organised into relevant topics that are getting promoted.

- Green manufacturing
- Carbon reduction
- Ethical conduct
- Care for environment
- Global quality standards
- Water, Waste and Bio-diversity management
- Empowering local communities

Key areas and target settings

- **GHC emissions reduction** > Net zero by 2050
- **Occupational Health and Safety** > Achieve Zero harm by 2023 Health and Safety
- **Water conservation** > Reduce freshwater consumption (tcs) by 20% by 2030
- **Waste and circularity** > 100% waste arising out of stainless steel production to be recycled by 2030
- **Supplier assessment** > Coverage of 100% critical suppliers for ESG risk assessment by FY25
- **Local communities and CSR** > Reach 10 million lives through CSR initiatives by 2030
- **Diversity and inclusion** > Achieve 25% women representation in senior leadership in 2025
- **Biodiversity** > Aim for no net loss of biodiversity by FY30

To learn further:

- [Jindal Stainless Limited Project Samanvay](#)



Tata Steel Mining, India

2030 SUSTAINABILITY TARGETS – PLAN A, THERE IS NO PLAN B FOR OUR PLANET



Sustainability is at the centre stage of TSML corporate strategy and value system, and it will remain at the heart of its future planning. TSML continue to strive to make tomorrow better for our people and planet by considering environmental, biodiversity, safety, and social considerations in all its strategic and operational decisions, and it believes that operating sustainably and responsibly is not just a business imperative, but also a long-term competitive advantage.

The company is also transforming the way mining is done and ferro-chrome is produced by bringing in new technology viz. electric vehicles, automation, artificial intelligence (AI), digitization etc. , clean energy, mineral conservation, water conservation by adopting 3 R policy (reduce, reuse & recycle), restoring and rejuvenating ecosystem, improving the air quality by installing - DFDS, water sprinklers and mist canons, reducing the noise pollution by - control blasting techniques, acoustic enclosures in DG sets etc. , transition to the circular economy from linear, care for community and safety. TSML also promote sustainable practices among all our stakeholders through intensive stakeholder engagement.

TSML established a comprehensive sustainability framework and identified significant material issues relating to Environmental, Biodiversity, Social, and Governance (ESG) through a comprehensive stakeholder engagement approach to address major business risks and stakeholder issues.

KPIs have been set and are being reviewed on a regular basis for the stated material issues to illustrate how successfully the company is meeting its commitments and strategic objectives. TSML has identified four strategic objectives to meet its business growth and sustainability goals, while setting parameters to measure the outcomes. This goal-oriented strategy will not only help us become a performance-driven organisation, but also help to push ahead its larger sustainability agenda.

The company has formulated 2030 Sustainability Targets christened as PLAN A focusing on increasing renewable energy, reducing CO2 emission intensity, reduce, reuse & recycle of solid wastes, biodiversity preservation, etc. as it believes there is no PLAN B for our planet. The company's Sustainability and Biodiversity policy has made it the centre stage of all strategic and operational decisions while aligning its actions with ICMM Principles, National Biodiversity Targets, Aichi Biodiversity Targets and Sustainable Development Goals to integrate biodiversity into its business ecosystem.

To learn further:

- [Discover Tata Steel Sustainability roadmap and Plan A](#)



Yildirim Group Eti Krom, Turkey



SOLAR ENERGY POWER PLANT WITH A CAPACITY OF 43.2 MWE /44.02 MWP

Background

As YILMADEN Holding, sustainability is a priority. Within the scope of our sustainability strategy, our main goal is to reduce our electricity consumption and carbon footprint. In order to achieve this goal, alternatives such as the use of renewable energy (RE) resources are being evaluated.

Within this context, a Solar Energy Power Plant (SEPP) project investment was made in order to partially meet the electricity need of the facility from RE sources.

Solar Energy Power Plant Project – General layout

- The SEPP project was constructed at Eti Krom Inc.
- It consists of three units, namely SEPP1, SEPP2 and SEPP3.
- It has an installed capacity of 43.2 MWe /44.02 MWp.
- The SEPP directly connected to the power system of the Project Company via 154 kV Eti Krom Inc.

Transition to Green Economy

With this project, it is aimed to produce renewable, clean, green and low-emission energy. Eti Krom SEPP is Turkey's largest Solar Power Plant, where the generated electricity is used for its own internal needs.

The amount of electricity produced by the power plant is 70 GWh per year.

16% of the total annual consumption of the Eti Krom facility has been met by the RE-based SEPP facility.

GHC Emissions Savings

Positive environmental effects have been observed in terms of carbon emissions. With the commissioning of the facility, a total of 23,417,21 t CO₂ reduction was achieved. This resulted in a 12% reduction in our Scope 2 greenhouse gas emissions.

Contribution to Country's RE targets

With this investment, electricity equivalent to the annual energy needs of 31,690 households was produced.

Key Figures

- 16% of the total energy consumption of the facility is based on renewable energy
- A total of 23 417 t CO₂ reduction was achieved
- We reduce our scope 2 greenhouse gas emissions by 12%
- 12 local full time employment have been provided
- 44MW installed power in its GES facility
- Electricity generation equivalent to the annual consumption of 31 690 households

Our Achievements

A Solar Energy Power Plant with a capacity of 43.2 MWe /44.02 MWp was built at our Eti Krom site. With the project:

- We reduced our fossil-based electricity consumption and carbon footprint.
- We contributed to the local economy by increasing local employment and strengthening the local supply chain.
- We supported the local workforce by providing job opportunities in Renewable Energy sector.
- We contributed to the share of Renewable Energy production throughout the country.

To learn further:

- [Yilmaden quick win project for the green energy](#)



Yildirim Group Voshkod site, Kazakhstan



STATE OF ART WASTEWATER TREATMENT

Waste Water Treatment Plant – Aim

- Provide compliance for the WWTP parameters as per the limit values Environmental Law, especially for the following substances:
 - Ammonium nitrogen
 - Sulfates
- Reuse of the water in technological processes and decrease the water consumption Provide a positive impact on the environment with a discharge water up to the drinking water quality
- Provide further improvement in the quality of wastewater beyond the limitations of conventional technologies and strengthen the stakeholder relationship

Waste Water Treatment Plant - Scope

The WasteWater Treatment Plant is;

- A state-of-the-art physicochemical treatment process that includes a coagulation reactor sand filter, reverse osmosis reactor and water disinfection system.
- Designed to treat wastewater up to standard indicators of local legal requirements with:
 - the subsequent discharge of treated water into water reservoirs and
 - the reuse of the water for the technological needs of the production site.
- A flow rate of 8500 m³/day mine water is treated

Qualified infrastructure – Ultra-purification with an advanced treatment system

Mine water is treated up to the drinking water quality standards to further improve the quality of wastewater beyond the limitations of conventional technologies to achieve the goal of resource recovery and conservation.

No negative impact when discharged to the receiving environment to keep essential resources available.

Resource recovery and conservation

Water/wastewater minimization, recycle and reuse implementations

More than 50% of the treated water (according to the production needs) is used for technological processes at the site:

- During the drilling process at the mine site
- In the batching plant during concrete preparation
- In the processing plant for the technological operations
- In the car washing unit for washing of the process vehicles and cars

Removal of challenging contaminants – State of the Art Technology

Thanks to the advanced treatment system (ultrafiltration with the reverse osmosis unit), a wide range of challenging contaminants (33 parameters in total) from wastewater have been removed successfully such as;

- ammonium nitrogen
- sulfates
- heavy metals

Chemical oxygen demand as well as biochemical oxygen demand have been reduced to low values.



Improvement of Stakeholder Relationships – Reducing the impact to nearby facilities

The impact to nearby facilities has been reduced by eliminating a number of concerns including;

- odor
- suspended solid and,
- turbidity issues and
- health problems

And prevent possible eutrophication problems by eliminating nitrites and phosphates.

To learn further:

- [Yilmaden state-of-the art waste water treatment plant](#)

Our Achievements

An advanced treatment system has been built at our Voskhod site to treat our mining wastewater that provide further removal of contaminants compare to conventional treatment systems.

The project:

- Provided compliance for the WWTP parameters as per the limit values Environmental Law.
- Allowed the reuse of the water in technological processes and decrease the water consumption.
- Provided a positive impact on the environment with a discharge water up to the drinking water quality.
- Provided further improvement in the quality of wastewater beyond the limitations of conventional technologies and strengthen the stakeholder relationship.



II. SOCIAL



AMG Chrome, United Kingdom



MENTAL HEALTH FIRST AIDER PROGRAMME

At AMG-Chrome, we recognise that our workforce are the heart and soul of our business.

AMG-Chrome has come to realise that employees' mental health and well-being has been affected significantly over the last 2 years by the COVID pandemic.

Some employees have struggled with loneliness from the nearly 2-year 'shutdown' period and have struggled with anxiety caused by the potential health and economic repercussions of the pandemic.

AMG-Chrome Ltd has made a commitment to supporting our employees by training a number of individuals as Mental Health First Aiders.

Most Companies are required by Law to provide trained First aiders to ensure that employees with work related physical illnesses and injuries are cared for in a suitably safe and caring fashion, however, we recognise that providing mental health first aid and support to our employees is of equal value.

We have an Occupational Health provider and we have contracted them to provide Mental Health physician appointments when needed. Return to work appointments are conducted for those returning with mental health issues. This provides a safe environment to discuss any return issues which may arise and to seek solutions so that the employee is supported and able to work effectively while maintaining a healthy mental health state of mind.

We also designed a Wellness Action Plan to discuss and develop with the affected employee and build the plan to support the employee to a restored mental health state.

Our People Department has researched local help and support groups which can assist employees to improve their own mental wellbeing but also assist a colleague or loved one if needed.

AMG-Chrome are very aware that the current majority of the workforce is Male and we have been careful to find support organisations who cater specifically to male mental health issues.

We have designed, implemented and communicated our new provision of Mental Health First Aiders and support services to all employees via notice boards (including our interactive digital screens in all departments), by face to face talks, emails and by asking questions about mental health within our employee appraisal system.

We were extremely conscious that a 'one size fits all' approach will not work and we have designed our programme to include different entry points - i.e. pro-actively seeking employees who may have mental well-being issues as well as being ready to assist employees who actively seek help.

This approach leads us to believe we are reaching as large a cohort as possible and provide help to all.

While this programme was inspired by the reports of mental health issues on return after the COVID pandemic, we have come to realise that the programme is of benefit on an ongoing basis and we continue to develop and improve this programme for the future benefit of our valued employees.

To learn further:

- [AMG Chrome Mental Health Programme](#)

Eurasian Resources Group - Kazchrome, Kazakhstan



Tugan Qala – An Opportunity for Citizens to Improve the Infrastructure of their Hometowns

Kazchrome, an ERG subsidiary in Kazakhstan, has been implementing the ERG Tugan Qala ('Home Town') programme.

In 2022, the programme expanded to new locations across the country, including Khromtau (Aktobe region) and Aksu (Pavlodar region) – regions of Kazchrome's operational presence.

The Tugan Qala programme enables local residents to develop, propose and submit ideas for social investment projects, via an online portal, hosted by Kazchrome.



VOTE FOR THE BEST PROJECT

The winning urban improvement projects and events will be decided by you

WHO IS ELIGIBLE TO VOTE?

-  Residents of Khromtau
-  Select a project
-  16+ Aged 16+
-  Indicate your individual identification number (to prevent vote rigging)
-  Register at tugan-qala.kz
-  Cast your vote for the project that you have selected

YOU MAY CAST ONE VOTE FOR ONE PROJECT

Voting period: 7 September – 6 October 2022

#tuganqala



The Tugan Qala programme enables people to propose improvements to their hometowns and to have a say over how municipal spending budgets are allocated.

Please see the projects winners in Aksu
<https://tugan-qala.kz/aksu> and in Khromtau
<https://tugan-qala.kz/khromtau>

Recent projects awarded grant funding by Tugan Qala gave specific focus to improving urban environments - including public parks, playgrounds, and sports facilities, and lighting and landscaping in cities and regions of the company's operations.

Applications to Tugan Qala are first assessed by a multi stakeholder panel, with winning projects chosen from a shortlist by residents, via an online public vote.

In 2022, the company allocated US\$547,000 to 44 winning projects.

In 2023, the company plans to invest a further US\$950,000 in socially important projects selected and supported by local residents.

Kazchrome firmly believes that this form of open democracy, when residents offer feedback and guidance on public projects, and choose which projects to fund through voting, fosters strong civic responsibility, and enables people to take constructive actions to improve their hometowns and cities.

Kazchrome is entirely committed to supporting the economic development of the company's regions of operations. Additionally, Kazchrome has implemented feedback mechanisms and protocols to enable communities in its mining towns to define their own development priorities, and to ensure that the Community Social Investment approach remains responsive to the views of local stakeholders.

To learn further:

- [Website: http://tugan-qala.kz](http://tugan-qala.kz)
- [Video about the Tugan Qala project](#)
- [Results of the project in Aksu: https://www.instagram.com/tugan.qala.aksu/](https://www.instagram.com/tugan.qala.aksu/)
- [Results of the project in Khromtau: https://www.instagram.com/tugan.qala.khromtau/](https://www.instagram.com/tugan.qala.khromtau/)



Glencore Alloys, South Africa



REALIZING WOMEN'S RIGHT FOR EQUAL FUTURE

Glencore Alloys has chrome ore mining and ferrochrome smelting operations in South Africa.

South Africa is characterized by high levels of unemployment, poverty and inequality, and women are the most vulnerable segment in our society.

Our country ranks amongst the highest for gender based violence (GBV) globally which compelled the president to launch the National Strategic Plan (NSP) on GBV.

Limited resources and the lack adequate care facilities make it even more challenging to render the required support to victims of GBV.

Against this background **Glencore Alloys heeded the call for decisive action against GBV and constructed South Africa's first free standing brick and mortar fully fledged Thuthuzela Care Centre at the Dilokong Hospital in Limpopo Province South Africa.**

Thuthuzela Care Centres are facilities that have been introduced as a critical part of the country's anti-rape strategy with the aim to reduce secondary victimisation and to build a case file ready for successful prosecution.

Whereas in the past, victims had to visit several other facilities to access additional support, the new Dilokong Thuthuzela Care Centre is set to be the blueprint for future centres as it will cater to a victim's every need.

"The resilience and unrelenting efforts of the National Prosecuting Authority in the fight against GBV inspired us to partner with them because this is something that is very important to us as an organisation as well," said Japie Fullard, CEO of Glencore Ferroalloys.

«It is indeed an honour to be here today to officially hand over the fully equipped Dilokong Thuthuzela Care and it is our desire for it to become a beacon of hope, care, comfort, safety and security for victims of GBV.»

To ensure that the centre meets all the required standards to effectively support victims of abuse in need of help, Glencore partnered with the Sexual Offences and Community Affairs (SOCA) Unit of the NPA, the Department of Health, the Department of Social Development, and the South African Police Services.

Fullard said that apart from the R5.5m investment made in the construction of the Dilokong TCC, Glencore has already upgraded other TCCs in the North West and Mpumalanga. He added that this is to ensure that the TCCs are better equipped to support victims of GBV.

This catalytic investment prompted other mining companies to make commensurate investments in other provinces in the country thereby consolidating a collective effort against GBV in South Africa.

We also provide up to 15 000 indigent school girls with free sanitary towels each year.

With these projects we restore dignity and advance safety and security to women-in-mining and women around chromium producing communities in our country.

To learn further:

- [Glencore Alloys – Generation Equality](#)
- [Opening of Dilokong Thuthuzela Care centre in Limpopo](#)



Jindal Stainless Limited, India



JINDAL STAINLESS FOUNDATION – IMPROVING LIVES

Corporate Social Responsibility (CSR) is the strategic approach towards sustainable community development and the key to inclusive growth.

With this idea in the core of our business following are the areas in which a numerous projects were accomplished:

- Solid Waste Management: Stain-Less Swachhta Abhiyan
- Agriculture Project: Project Krishi Unnati
- Entrepreneurship Development: Project ASMITA & SAHAJA Project
- Integrated Healthcare: Elimination Of Clubfoot Disease, Adolescent Health and
- Menstrual Hygiene, Eye Care Project , Truck Drivers
- Sports & Education Initiative : Sudeva Residential Football Academy

To learn further:

- <https://cloud.icdacr.com/index.php/s/W5rijen4k8qq3aA>



Tata Steel Mining, India



CSR ENGAGEMENTS

Tata Steel Limited (TSL) for the last 113 years has endeavored to conduct its business responsibly, mindful of its social accountability, respecting applicable laws and with regards for human dignity.

In 2014, following the government directive, Tata Steel's engagement with its communities was effectively documented under the Tata Steel CSR policy.

Tata Steel Mining Limited (TSML) is Tata Steel Limited's (TSL) wholly owned subsidiary. Hence, Tata Steel Limited's CSR policy is reflected in the TSML's CSR policy as well.

In FY 20-21, TSML has formalized its CSR policy, strategy as well as institutional mechanism to create synergies for the future.

The company's engagement with its communities and commitments to help society at large are fully documented in the company's CSR policy.

The following are salient features of this policy:

- Highlight Company's social commitment towards its stakeholders.
- Define the geographic spread of its CSR interventions.
- Underline the key CSR focus areas and delivery mechanism.
- Impress upon guiding principles that govern the workings of the CSR team.
- Highlight the multi-tiered governance mechanism that reviews the CSR interventions

To learn further:

- [CSR Interventions at Tata Steel Mining Limited](#)

Yilmaden Holding - Eti Krom, Turkey

A SOCIAL CHANGE STORY



With the implementation of Eti Krom Plan B Project, a social change story has been developed in the mining operations.

Below points have been achieved with the project:

- Occupational Health and Safety performance was increased by improving operational practices and working conditions of employees.
- The project provided contribution to the local economy by increasing local employment and strengthening the local supply chain.
- Local technical workforce has been improved by skill development programs.
- The project extended life of the mining operations by providing qualified infrastructure and equipment and supported sustainable mining.
- Mine production and preparation works have been optimized by modernized equipment.

To learn further:

- [Yilmaden – A social change story](#)



III. GOVERNANCE



Eurasian Resources Group - Kazchrome, Kazakhstan



SUSTAINABLE SUPPLIER AWARD

For several years ERG has successfully engaged in a programme of encouraging adoption of ESG practices amongst our supplier networks.

Across its global commercial portfolio, the Group actively encourages climate friendly operations, from mining and production sites to downstream operations including commercial shipping and logistics.

In 2021, in Kazakhstan, ERG created the “Sustainable Supplier Award”, assessing the credibility of product suppliers.

ERG’s Governance team requested that our suppliers completed questionnaires concerning ESG policy. ERG deployed a comprehensive analysis of the data received from our partners and awarded scores according to our ESG policy guidance and frameworks.

In 2022, ERG went even further with the launch of a test pilot scheme in partnership with Sirius, company that provides a platform for tracking and reaching sustainability targets, including NetZero.

During the test pilot we successfully rated suppliers in addition, offered guidance and council to enable members of our supplier network to improve their ESG performance based on the questionnaires they filled.

To learn further:

- [Kazchrome partnership with Sirius – Independent Supplier Evaluation and Monitoring – Pilot project](#)
- ERG’s Sustainable Supplier Awards 2021: <https://erg.kz/ru/news/2408>
- ERG’s Sustainable Supplier Awards 2022: <https://www.erg.kz/ru/news/2758>

