

SUSTAINABILITY IN CHALLENGING TIMES

Our Mission: Be the best at what we do. Navigate global change whilst holding true to our values. Responsibly unlocking the potential of the Earth and its people, ensuring the prosperity of those who rely on us.



SAFETY

0.61 lost time injury frequency rate (LTIFR)¹ (2019: 0.83)

ISO 45001 preparation for external audit at Metalkol RTR (DRC)

COVID-19: ENSURING THE SAFETY OF OUR EMPLOYEES AND LOCAL COMMUNITIES

- Established an **Anti-Crisis Control Centre** for anti-COVID response
- Group-wide PCR diagnostic testing** and **antibody testing programme**
- Comprehensive workplace prevention measures** across the Group
- The **opening** of a new **ERG testing laboratory** in Nur-Sultan
- \$4M** – supported **public health response** in operating regions, Kazakhstan
- 16,200** reusable face masks to local communities near Metalkol RTR in the DRC
- Donations of medical equipment** to local government bodies in Africa
- \$54K** – donated to local municipalities in Brazil

UNITY



RESPONSIBILITY

 **ESG Committee**
established in 2021

 **\$350M for 10 years**
air quality improvement programme, Kazakhstan

 **\$ 65M**
Group community social investment

 **Responsible supply chains:**
Global Battery Alliance, ReSource and Group Supplier Code of Conduct

Comprehensive social surveys in local communities to inform regional development programme (4 mining towns and 2 villages), Kazakhstan

\$38K – support for **Student Entrepreneurship Ecosystem** (>1,400 students and 500 teachers trained), Kazakhstan

Atlas of New Professions: supported the rollout for 9 priority economic sectors, Kazakhstan

\$104K – funding for the **São José – Santa Casa de Misericórdia Hospital** in Ilhéus, Brazil

Contributor to the new **Fund for the Prevention of Child Labour in Mining Communities** – administered by UNICEF

120 young artisanal miners supported through the programme with Pact²

\$165K – invested in construction of a new primary school in Lenge, DRC

\$364K – Support for the **Sustainable Agricultural Programme** and **community-led committees** (Comide and Boss Mining)

Multi-year partnership with GSIF³, incl.:

- drinking water delivered to **400** families (~2,800 people)
- 12,298** individuals from ASM communities trained on COVID-19 preventative measures
- 10** farming cooperatives established
- 758** community members trained on children's rights & child labor risks

RMI's Responsible Minerals Assurance Process – committed to undergo the process at Metalkol RTR

DEVELOPMENT


- Kazchrome's 10th Anniversary mine** (Kazakhstan) - continued development
- Metalkol RTR (DRC) - the world's 2nd largest standalone cobalt producer:** reached full Phase 1 production and completed Phase 2 construction
- Frontier, DRC:** Cut 3 project to extend the **life of mine to 2024** and **increased production by ~25%** in 2020
- BAMIN, Brazil :** commenced iron ore production of up to **1 mtpa** and construction of the **Porto Sul deep-water port**, won the auction for the **1st stage of the FIOL⁴ railway** (in April, 2021)


- Moving further towards **Industry 4.0:** continued to implement the **Group-level Digital Strategy**
- ERG Exploration:** established in 2020 with portfolio of **>40** mineral deposits
- 3D geomodelling:** continued transition towards world class 3D geomodelling to enhance ERG's mining plans
- Smart Mine:** Continued rollout in Kazakhstan


265 kt
record aluminium production

1 653 kt
increased commercial ferroalloy production

EFFICIENCY

 **Ensuring operational continuity** during Covid-19

 **Maintenance of financial resilience** through debt restructuring and new financing

 **ERG Way Production System** – continued improvement of operational efficiency

 **The Ideas Factory:** **16,000** employee ideas collected, of which **10,969** accepted (expected savings of **\$9M**)


 Launched **Innovation Portal** www.erg-innovation.kz: **>100 proposals received**

 **ERG Innovators' Forum** **>200** employees and **130** external delegates

 **AI technologies:** rollout to support operations at Aksu Ferroalloys Plant

 **>465 kt** of waste sold to third parties in Kazakhstan

 **6,480 kt** of tailings reprocessed at Metalkol RTR

 **2016-2020 Energy Efficiency Programme** – continued implementation in Kazakhstan

¹ Employees only and including employee fatalities.

² Children Out of Mining – Northern Kolwezi.

³ The Good Shepherd International Foundation.

⁴ West-East Integration Railway.