

Definitions for key sustainability performance data for assurance

Emissions



<p>Total CO₂-equivalent emissions and net emissions reduction from 2016 baseline (Scope 1 and 2)</p>	<p>ktCO₂e and percentage</p>	<p>A measure used to compare emissions from various greenhouse gases based on their global warming potential.</p> <p>Measurement: The sum of CO₂ emissions (in tonnes) from:</p> <ul style="list-style-type: none"> • Direct Scope 1: Fuel purchased and owned by sites (gas, diesel, petrol, LPG and oxyacetylene) and used on-site in stationary and mobile equipment • Indirect Scope 2: Electricity purchased from third parties (grid or independent power producers) – excluding instances where gas/fuel is owned by site <p>The reduction is the difference between the 2023 and 2016 total CO₂-equivalent Scope 1-2 emissions</p>
<p>Total CO₂-equivalent emissions, Scope 3</p>	<p>ktCO₂e</p>	<ul style="list-style-type: none"> • Indirect Scope 3: Indirect greenhouse gas (GHG) emissions other than scope 2 emissions, resulting from activities from assets not owned or controlled by the reporting organisation. <p>These indirect GHG emissions are within an organisations value chain, both upstream and downstream. Aligned with the ICMM Scope 3 Emissions Accounting and Reporting Guidance (2023)</p>
<p>Total CO₂-equivalent emissions avoided from initiatives</p>	<p>ktCO₂e</p>	<p>Amount of GHG emissions reductions achieved as a direct result of initiatives to reduce emissions or from energy savings through initiatives</p>

Energy



<p>Energy consumption</p>	<p>PJ</p>	<p>Total energy consumption within the organisation = Non-renewable fuel consumed + Renewable electricity consumed + Non-renewable electricity consumed</p>
<p>Total energy saved from initiatives</p>	<p>PJ</p>	<p>The amount of energy saved by implementing energy conservation measures and energy efficiency initiatives.</p>

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Environmental



Number of environmental incidents – Level 1-2 and serious incidents (Level 3-5)	Number of incidents	<p>Environmental incidents are classified by type as:</p> <ul style="list-style-type: none"> • Unplanned, unauthorised or non-compliant release to air (including noxious gases and dust) • Unplanned, unauthorised or non-compliant loss of containment (including but not limited to releases to surface and / or groundwater) • Unplanned, unauthorised or non-compliant land or heritage site disturbance • Unplanned, unauthorised or non-compliant impact on fauna and flora • Unplanned, unauthorised or non-compliant waste management or disposal • Unplanned, unauthorised or non-compliant noise emission • Unplanned, unauthorised or non-compliant air blast over pressure or ground vibration
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Water



Total water withdrawal	GL	Water withdrawal – Water from all sources (including surface water, ground water, rainwater and municipal water supply)
Total water withdrawal per tonnes processed	L/tonne	Water withdrawn / tonnes of ore processed
Freshwater withdrawal (<500 mg/L Total Dissolved Solids and pH: 4 – 10)	GL	Freshwater withdrawal – Freshwater from all sources (including surface water, ground water and rainwater)
Percentage of water recycled¹ or reused²	%	<p>Total water recycled/reused/Operational water use³</p> <p>¹ This refers to processing used water / waste water. The water/waste water is treated before being recycled.</p> <p>² This refers to water/waste water that is re-used without retreatment</p> <p>³ Total withdrawal+Total Recycled+Total Reused</p> <p>Recycled water: This refers to processing used water / waste water. The water/waste water is treated before being recycled.</p> <p>Reused water: This refers to water/waste water that is re-used without retreatment</p>

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Water



Total water consumed (withdrawal – discharge)	GI	Consumption: Describes the volume of water used by the site and not returned to the water environment or a third party. Consumption = Total water withdrawal less discharge
Total water discharged	GI	Discharge: The volume of water removed from a site to the water environment and/or a third party.

Health



Number of cases of Silicosis reported	Number of cases	Nodulation in the lungs (seen on chest X-ray) resulting from silica dust inhalation. Measurement: Number of cases reported for compensation
Number of cases of Noise Induced Hearing Loss reported (NIHL)	Number of cases	Damage to the nerve that assists in hearing as a result of prolonged exposure to high noise levels. The standard threshold should not exceed 25dB from the baseline and personal hearing loss of 10% from the baseline. Measurement: Number of cases reported for compensation
Number of cases of Malaria tested positive per annum (Ghana only)	Number of positive cases	An intermittent and remittent fever caused by a protozoan parasite Measurement: Number of cases tested positive

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Health



<p>Number of South African and Ghanaian employees in the HAART programme</p>	<p>Number of employees</p>	<p>Highly Active Anti-Retroviral Therapy (HAART) for those with HIV/Aids</p> <p>Measurement: Number of HIV-positive employees who receive HAART (cumulative)</p>
<p>Percentage of South African and Ghanaian workforce on the voluntary counselling and testing (VCT) programme</p>	<p>Percentage of workforce</p>	<p>A voluntary programme to assist employees living with HIV/Aids</p> <p>Measurement: Number of employees and contractors who have participated in VCT and who, through this process, have established their HIV status</p>

Safety



<p>Total recordable injury frequency rate (TRIFR): Employees, Contractors, Total</p>	<p>Rate</p>	<p>Frequency rate of all fatalities, lost time injuries, restricted work injuries and medically treated injuries.</p> <p>Measurement: All of the above x 1,000,000 / number of man-hours worked</p>
<p>Serious injuries</p>	<p>Number of serious injuries</p>	<p>A serious injury is an injury that incurs 14 or more days lost and results in:</p> <ul style="list-style-type: none"> • A fracture of any bone • Internal haemorrhage • Head trauma (including concussion, loss of consciousness) requiring hospitalisation • Loss of all or part of a limb • Permanent loss of function and/or permanent disability such as hearing loss or damage to lung function • Permanent disfigurement <p>South Deep: Injuries deemed reportable in terms of the Mine Health and Safety Act are recorded as Serious Injuries. An injury which prevents the employee from performing her/his occupation for a period totalling 14 days or more, or which causes the injured employee to suffer the loss of a joint, or a part of a joint, or sustain a permanent disability. Used for in-country reporting only.</p>

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Safety



Lost time injury frequency rate (LTIFR): Employees, Contractors, Total	Rate	<p>A Lost Time Injury (LTI) is an injury sustained by a worker whilst at work which incapacitates that worker for a period of one or more calendar days.</p> <p>Lost time Injury Frequency Rate (LTIFR) = (Lost-Time Injuries) x 1,000,000 / number of hours worked</p>
Near miss incidents	Number of near miss incidents	<p>A 'near miss' is any workplace related incident that did not result in any injury or illness, but had the potential to do so.</p>

Social



Total socio-economic development (SED) spend	US\$	<p>Payments made to communities and community investments that are not inherent to the operation's functioning</p>
Host community workforce	Number (employees + contractors)	<p>Host communities are identified by each of our operations. These communities reside in the vicinity of our operations and have been directly affected by exploration, construction or operations.</p> <p>Host community workforce comprises total host community employees and host community contractors. Host community employment data excludes our corporate and regional offices as well as projects.</p>
Percentage of host community workforce employment of total workforce	Percentage	<p>Host community workforce are those people who reside on a permanent basis in a host community and are employees or contractors at the mine.</p> <p>Number of host community workforce as a percent of the total workforce at an operation</p>

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Social



<p>Host community procurement spend</p>	<p>US\$</p>	<p>Host community procurement involves the purchasing of goods and services by the mine from approved host community enterprises.</p>
<p>Host community wages</p>	<p>US\$D</p>	<p>Wage bill for host community employees and contractors</p>
<p>Host Community value creation as a % of total value creation</p>	<p>Percentage</p>	<p>Host community value creation is the total investment in host community, which is made up of procurement spend, host community employee wages and SED spend.</p> <p>Total value creation is in accordance with World Gold Council guidelines and comprises all payments to stakeholders in a country.</p> <p>Percentage of host community value creation as a % of national value creation</p>
<p>Percentage of host community procurement spend as a % of total procurement spend</p>	<p>Percentage</p>	<p>Host community procurement as a percent of total procurement spend by a mine</p>

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Non-Financial Indicators for Revolving Credit Facilities



Reduction of absolute Scope 1 and 2 carbon emissions (carbon abatement) through renewable projects as of 31 December 2023	ktCO ₂ e	Cumulative annual absolute reduction of scope 1 and 2 carbon emissions (carbon abatement) through renewable projects as calculated in accordance with the accounting and reporting standards as published by the GHG Protocol
Water recycled or reused for 2023	Percentage	Annual water recycling and reuse percentage
Percentage of women employee representation as of 31 December 2023	Percentage	Women employee representation as a percentage of total employees in workforce

The Mining Charter Scorecard sustainability reporting criteria are presented in our Integrated Annual Report Mining Charter Scorecard and in accordance with the South African Mining Charter 2018

