



AIR QUALITY

Position statement

This position statement sets out Sibanye-Stillwater's approach to air quality management





ESG Position statement

Air quality management

This position statement sets out Sibanye-Stillwater's approach towards responsible air quality management. The continuous improvement of our air quality management profile remains a fundamental element in our commitment towards a cleaner environment, and further strengthens our position as a global leader in sustainability. Our air quality vision is to promote a sustainable, cleaner environment through the continuous improvement of our air quality management protections, the implementation of initiatives to combat global warming and reduce air pollution in line with global, national and local air quality legislation and protocols.

Our Vision statement

Superior value creation for all our stakeholders through the responsible mining of our mineral resources.

Our Environmental vision statement

Promoting natural resources and improving life - sustainable use of our natural resources through increased environmental consciousness and continual improvement, minimising environmental impacts and a measured transition to a low carbon future enabled by adopting technologically innovative approaches.

ESG Policy reference

Sibanye-Stillwater conducts its business in an ethical and responsible manner for the benefit of all stakeholders in accordance with the Group's integrated governance framework.

The Group seeks to build a sustainable post-mining economy, within its geographical footprint through the development of programmes that contribute and support our ESG strategy.

Sibanye-Stillwater commits to:

- manage air quality proactively to reduce emissions of dust, particulate matter (PM₁₀ and PM_{2.5}), SO₂, nitrogen oxides (NOx) and Greenhouse Gases (GHG) in line with global, national and local protocols
- promote awareness and drive initiatives to combat the impact of global warming, climate change and air pollution
- protect the environment, prevent incidents and minimise harm through proactive management
- comply with all legal and regulatory requirements and voluntary obligations and responsible mining principles the company subscribes to
- deploy effective risk management strategies, taking into consideration ESG risks and stakeholder perceptions of risks
- adhere to the requirements as set out in Sibanye-Stillwater's policies, position statements and procedures

Recognition statements

Sibanye-Stillwater recognises:

• everyone has a right to an environment not harmful to health or well-being





- our mining and processing activities have an impact on air quality
- national legislative frameworks, laws, regulations and other standards applicable to responsible air quality management in the various jurisdictions in which the Group operates
- the relationship between air quality and other strategic environmental issues such as climate change, occupational health and human health in general
- ambient air quality is influenced by a range of factors, including the interaction of geography, climate, and anthropogenic (human) activities
- the cost and impact of air pollution is significant, especially on the poor and vulnerable populations
- Sibanye-Stillwater has opportunities to manage and mitigate air quality impacts, to investigate and invest in abatement technologies where practicable, and to generally reduce our air quality impacts where practicable
- there is opportunity for continual improvement in ambient air quality and that the mining industry has a critical role to play in these efforts
- criteria pollutants such as nitrogen oxides (NOx) and sulphur oxides (SO₂) are known emissions from mining processes, are significant contributors to air pollution as well as climate change and that these need to be managed and mitigated within the relevant legislative and operational protocols

Scope

This position statement outlines the guiding principles, recognition statements and intent of the company across the mining value chain from prospecting, planning, construction, operation, closure and beneficiation insofar as air quality impacts and the management thereof is concerned. This scope applies across all Sibanye-Stillwater operations and managed activities (including joint ventures and other partnerships), in all jurisdictions where the Group operates.

Intent

This position statement encapsulates Sibanye-Stillwater's stance on, and approach to responsible air quality management. It must be read in conjunction with applicable national legislation on air quality, associated regulations, standards, technical and other guidelines that augment national air quality legislation as well as appropriate guidelines and principles such as those from the ICMM, World Gold Council and the UN Sustainable Development Goals (SDGs) that Sibanye-Stillwater subscribe to.

Sibanye-Stillwater is committed to the deployment of responsible strategies and actions in the areas within which we operate:

- maintaining compliance to all air emissions licenses (AELs) and other permits/authorisations
- a move beyond compliance to ensure the latest scientific data and developing best practices inform air quality management
- where appropriate and relevant, a reduction in SO₂ emissions intensity (i.e. SO₂/tonnes milled) or in absolute SO₂ emissions through improving the overall SO₂ capturing and cleaning efficiency (focused emissions reductions strategies)
- at specific operations, improving the overall SO₂ capturing and cleaning efficiency from 80% to 90% by 2027 and to 99% by 2030 while maintaining compliance to AEL
- effective management of and reporting against air emissions targets
- drive strategic initiatives to reduce emissions
- proactive stakeholder engagement
- work towards achieving a rating of 5 in the FTSE Russel ESG rating relating to air quality compliance





Governance

Management structure

Air quality and air pollution are important operational considerations, more especially from our metallurgical plants, concentrators and refineries. Poor quality emissions may lead to environmental incidents that may further impact on life. Poorly managed air emissions standards at our operations may have significant strategic and financial implications for the company and its mining operations.

The Social, Ethics and Sustainability Committee and the Risk Committee, both Board-level committees, have a role in advising on our air emissions practices. The Committees provide strategic direction and oversight. The Carbon and Air Environmental specialist together with the Group Environmental Manager will ensure the effective implementation of our air emissions compliance initiatives across the business.

The Chief Technical Officer (CTO) and Senior Vice President (SVP): Sustainability, both of whom report to the Chief Executive Officer (CEO), have an oversight role and provide guidance on strategic and operational group technical issues including the quality of our air emissions and greenhouse gas emissions reduction strategy.

The SVP: Sustainability oversees and drives overall sustainability within the Group, and therefore any strategic issues on air quality fall within his/her mandate.

The SVP: Environment, reporting into the CTO is responsible for setting and driving the strategic direction on a range of environmental issues, including our air emissions standards and greenhouse gas emissions reduction strategy. The SVP will assist, guide and support the operational Executive Vice Presidents (EVPs), SVPs and Vice Presidents (VPs) in driving strategic objectives air quality and how best to deliver on the ESG strategic objectives and long term environmental incentives.

The CTO supports the CEO in key decision-making by ensuring that strategic air quality objectives translate into operational targets. This takes place in conjunction with the SVP: Sustainability and the SVP: Environment, who oversees the integration of sustainability and environmental considerations, respectively, across the business.

The management, budgeting and operational compliance activities reside with each of the EVPs for the SA gold, SA PGM and US PGM operations respectively. Each EVP and their respective teams will take accountability for all air quality initiatives and the costs thereof at their respective operations.

The Segment EVP is ably supported by the relevant operational SVPs (e.g. SVP: Technical Service) and VPs (e.g. VP: Engineering), who take operational responsibility for air quality management. The EVP takes overall accountability for compliance to, and the implementation of conditions in the AEL or equivalent permit/environmental authorisation issued in terms of the relevant national (federal) or provincial (state) air quality legislation, to the specific mining or processing facility. The Air and Carbon Specialist together with the Group Environmental Manager drives the air quality strategy and provides technical support to the operational teams for its implementation.

The EVP further delegates this accountability to the relevant VP: Mining and Head of Operations and/or the VP: Processing, where applicable, who take operational responsibility for the air emissions license/permit issued to his/her operation, and the compliance aspects thereto. The VP: Mining is supported in this by his/her environmental, engineering and/or metallurgical teams, where relevant.





As an integral part of governance and under custodianship of the Group Risk Department, a comprehensive enterprise-wide risk management process is used to assess and rank, air emissions related risks in the Group.

Furthermore, at Sibanye Stillwater we apply strong and transparent corporate governance by:

- publicly disclosing the Group's air emissions compliance findings to the regulators and local municipalities
- publicly disclosing the Group's approach to air quality management
- allocating clear responsibilities and accountabilities for the implementation of any initiatives to drive air quality compliance across all corporate, management and site levels
- integrating air quality related considerations in business planning
- publicly reporting the company's greenhouse gas (GHG) emissions, progress towards emission reduction targets, opportunities, and management response using consistent industry metrics and recognised approaches

Strategic objectives

Air quality KPIs drive sound and responsible air quality management practices in accordance with national and international industry best practice. Effective and responsible air quality management will deliver on the following objectives:

Objective 1: Demonstrate thought leadership in air emissions and quality management practices.

Objective 2: Drive business sustainability through continuous improvement and effective governance in air quality management.

Objective 3: Utilise enablement and technology to drive effective emissions abatement and a cleaner environment.

Objective 4: Drive the continuous management and reduction of risks resulting from air emissions through adequate air emission monitoring and measurement strategies.

Objective 5: Maintain a social license to operate through effective stakeholder engagement.

Strategic initiatives

To meet strategic intent and demonstrate commitment, Sibanye-Stillwater pursues the following environmental priorities and strategic initiatives:

Strategic objectives	Strategic initiatives
Objective 1: Demonstrate thought leadership in air emissions and quality management practices.	 Actively contribute to and influence the air quality management body of knowledge through participation in internal and external forums Influence and shape air quality-related legislation, policy, and industry approaches to responsible air quality management where required and feasible
Objective 2: Drive business sustainability through continuous improvement and effective governance in air quality management.	 Develop fit-for-purpose, risk-based Air Quality management guidelines, procedures and compliance assessment toolkits that incorporate region, country and operations-specific legislative and other requirements Maintain compliance to all AELs and other permits/authorisations, standards and other regulatory requirements Track, monitor and communicate changes in legislation and other standards that could influence compliance levels for Sibanye-Stillwater Operations













Strategic objectives	Strategic initiatives
Objective 3: Utilise enablement and technology to drive effective emissions abatement and a cleaner environment.	 Improve coordination and alignment between group, segment and operational air quality management and reporting Develop and institutionalise specific, measurable, achievable, realistic and timely (SMART) emissions targets for criteria pollutants at Group and operational level based on robust baseline performance and legislative requirements Effectively manage and report against the set air emissions targets Influence the business by focusing on best practice, innovation, technology and foresight in the air emissions and quality management space Deploy and apply a range of pollution abatement technologies and equipment at our operations to assist with emissions management and abatement In conjunction with the engineering and processing functions, verify and drive the optimal and continued functioning of all installed abatement equipment across the relevant operations Migrate all air emission monitoring, reporting and trending to digital, real-time solutions to enhance compliance and decision-making
Objective 4: Drive the continuous management and reduction of risks resulting from air emissions through adequate air emission monitoring and measurement strategies.	 Establish a baseline of air quality performance criteria and key performance indicators (KPIs) across the group Review and update the Sibanye-Stillwater Emissions Reduction Strategy (SSERS) and drive its implementation in conjunction with the respective operations Drive a portfolio of key projects and initiatives supported by the SSERS at smelting, refining and other operations to reduce dust, PM, SO₂ and NOx emissions and other relevant criteria pollutants to below the most recent and applicable legal limits Ensure the effectiveness, adequacy and suitability of air quality monitoring programmes at relevant operations and where needed, align to legal and other requirements
Objective 5: Proactive Stakeholder Engagement	 Collaborate with the community engagement/ stakeholder engagement teams to develop and roll-out a robust and targeted advocacy and regulatory engagement programme in air quality management (legislation, standards, limits in licences, etc.) Actively participate in local, regional, national and industry-specific air quality forums and other industry-specific forums and platforms Establish and implement an air quality stakeholder engagement and awareness programme for both internal and external stakeholders Enhance Sibanye-Stillwater's profile by participating in and progressing towards obtaining the highest FTSE Russel ESG rating relating to air quality compliance

Policy and other ESG references

- Sibanye-Stillwater Sustainability policy statement
- Sibanye-Stillwater Environmental management policy statement
- ICMM Principle 3, 4, 6, 7 and 10 with the supporting performance expectations





- World Gold Council Principle 10 (10.3 and 10.4)
- United Nations Global Compact Principles 7,8 & 9

The development and implementation of this position statement are guided by:



<u>/s/s Neal Froneman</u> Chief Executive Officer

Date: June 2021

