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ARM's ICMM Performance Expectations Selfassessment for the year ending 30 June 2023



### **Overview**

In 2020, the ICMM launched enhanced membership requirements that further strengthen members' social and environmental requirements, underpinned by the 38 performance expectations (PEs). These support progress towards the global targets of the United Nations Sustainable Development Goals (UN SDGs) and the Paris Agreement on climate change. The enhanced requirements include robust asset and corporate-level validation, credible assurance, and transparent disclosure to maximise the industry's benefits to host communities and minimise negative impacts to effectively manage issues of concern to society.

#### **Process**

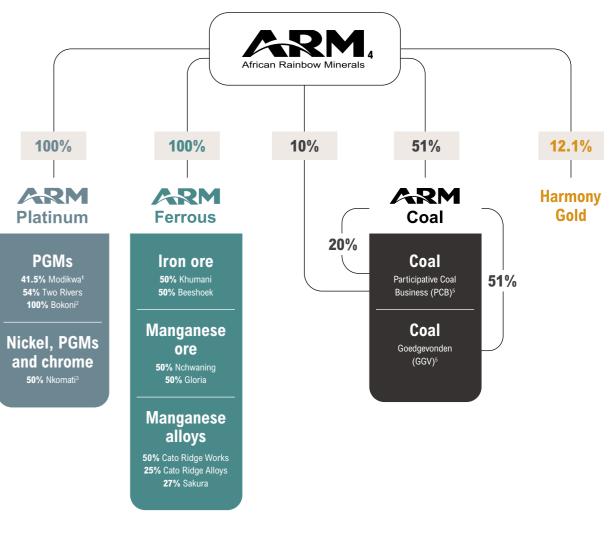
All assets subject to PE validation are required to conduct self-assessments once every three years and third-party validation of prioritised assets within a three-year validation cycle. By September 2022, members were required to complete self-assessments for all assets and prioritise assets for validation in the first three-year cycle. ARM started piloting self-assessments of PEs in F2019 and self-assessments for all the assets were completed by the September 2022 deadline.

## **Prioritisation**

ARM's prioritisation of assets selected for PE validation aligns with the ESG report assurance process, with operations selected for external assurance visits in a given year also prioritised for PE validation. In F2023, independent third-party validation of the asset self-assessments was carried out at the Modikwa and Khumani mines. All assets will be subject to external PE validation over a three-year cycle. Gaps in alignment with the PEs identified in these processes are being addressed.

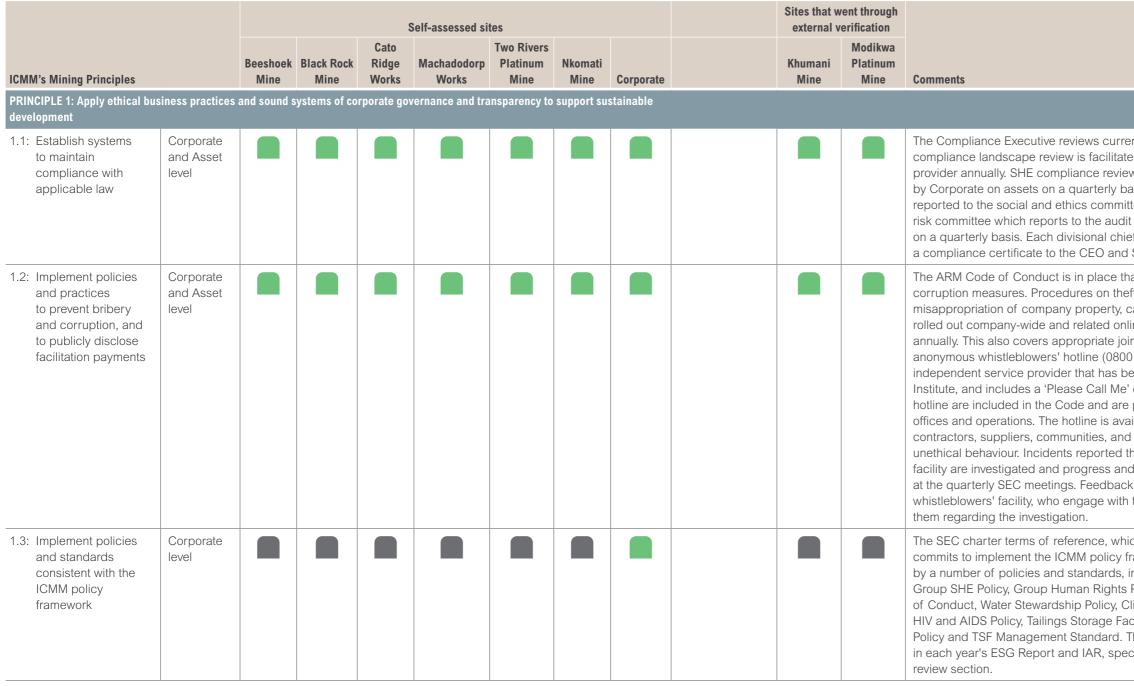
#### **Our business**

African Rainbow Minerals (ARM) is a **leading South** African diversified mining and minerals company with operations in South Africa and Malaysia. ARM mines and beneficiates iron ore, manganese ore, chrome ore, platinum group metals (PGMs), nickel and coal. It also produces manganese alloys and has a strategic investment in gold through Harmony Gold Mining Company Limited.



- <sup>1</sup> ARM's effective interest in Modikwa Mine is 41.5%, local communities hold an effective 8.5% interest. <sup>2</sup> The acquisition of Bokoni Mine became effective on 1 September 2022. Qualifying employees, host communities and black industrialists will
- be allocated 15% in Bokoni Mine, with each group owning 5%.
- <sup>3</sup> Nkomati Mine is on care and maintenance.
- <sup>5</sup> ARM's effective interest in GGV Mine is 26% and 20.2% in PCB.

<sup>4</sup> ARM owns Machadodorp Works which is currently being used to develop more cost-effective and energy-efficient ways of smelting.

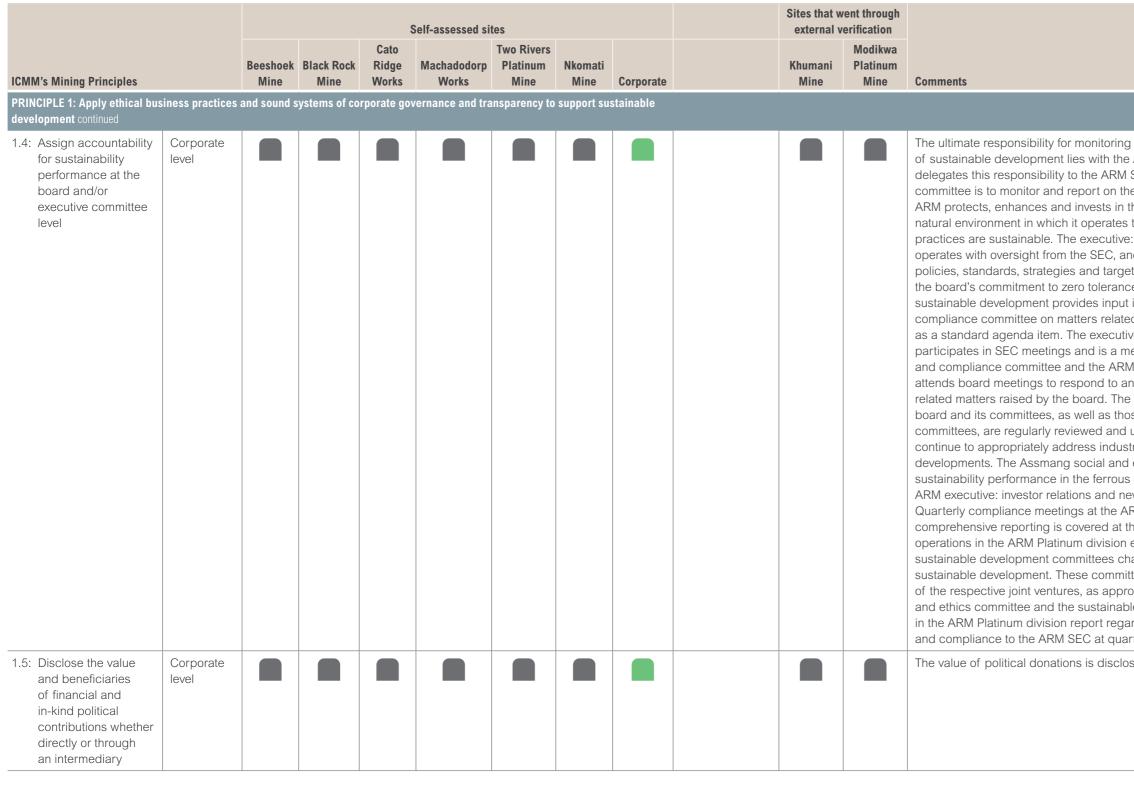




#### Documents and publications

ent compliance systems. A legal ed by an external service ws are conducted asis. Results of compliance are ttee (SEC) and management t and risk committee ef executive submits SEC quarterly.	
hat contains anti-bribery and off-fraud-defalcation and cash and services have been line etraining is conducted int venture (JV) partners. ARM's 0 006792) is operated by an een certified by the Ethics of option. Details about the posted at the company's ailable to employees, d other stakeholders to report through the whistleblower d actions taken are reported k is also provided to the the whistleblower to update	2023 ESG Report page 34,148 ESG
ich is a board instrument, iramework, which is supported including among others the Policy, Group Code Climate Change Policy, Wellness, icilities (TSF) Management This commitment is reaffirmed cifically in the chairman's	

ARM'S ICMM PERFORMANCE EXPECTATIONS SELF-ASSESSMENT FOR THE YEAR ENDING 30 JUNE 2023



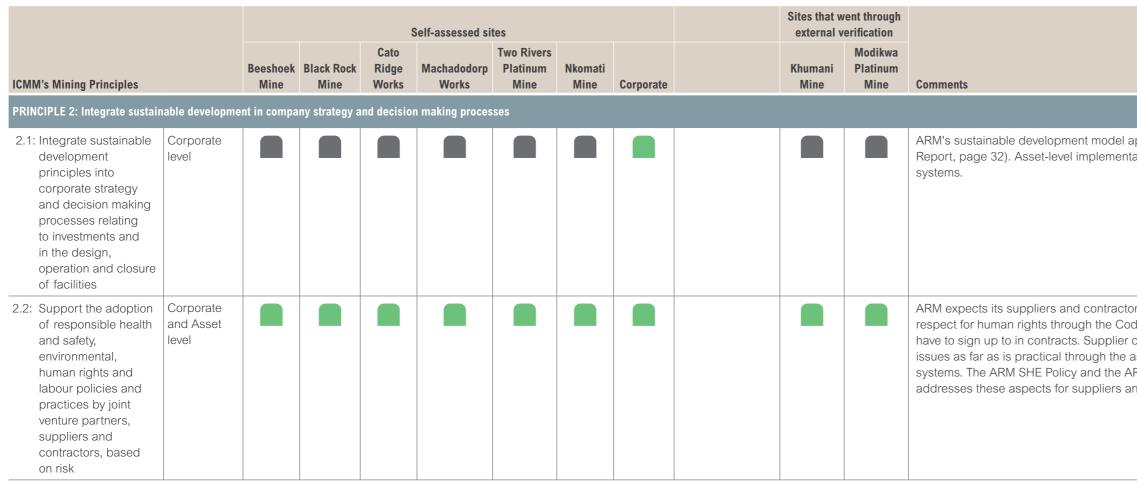
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#### Documents and publications

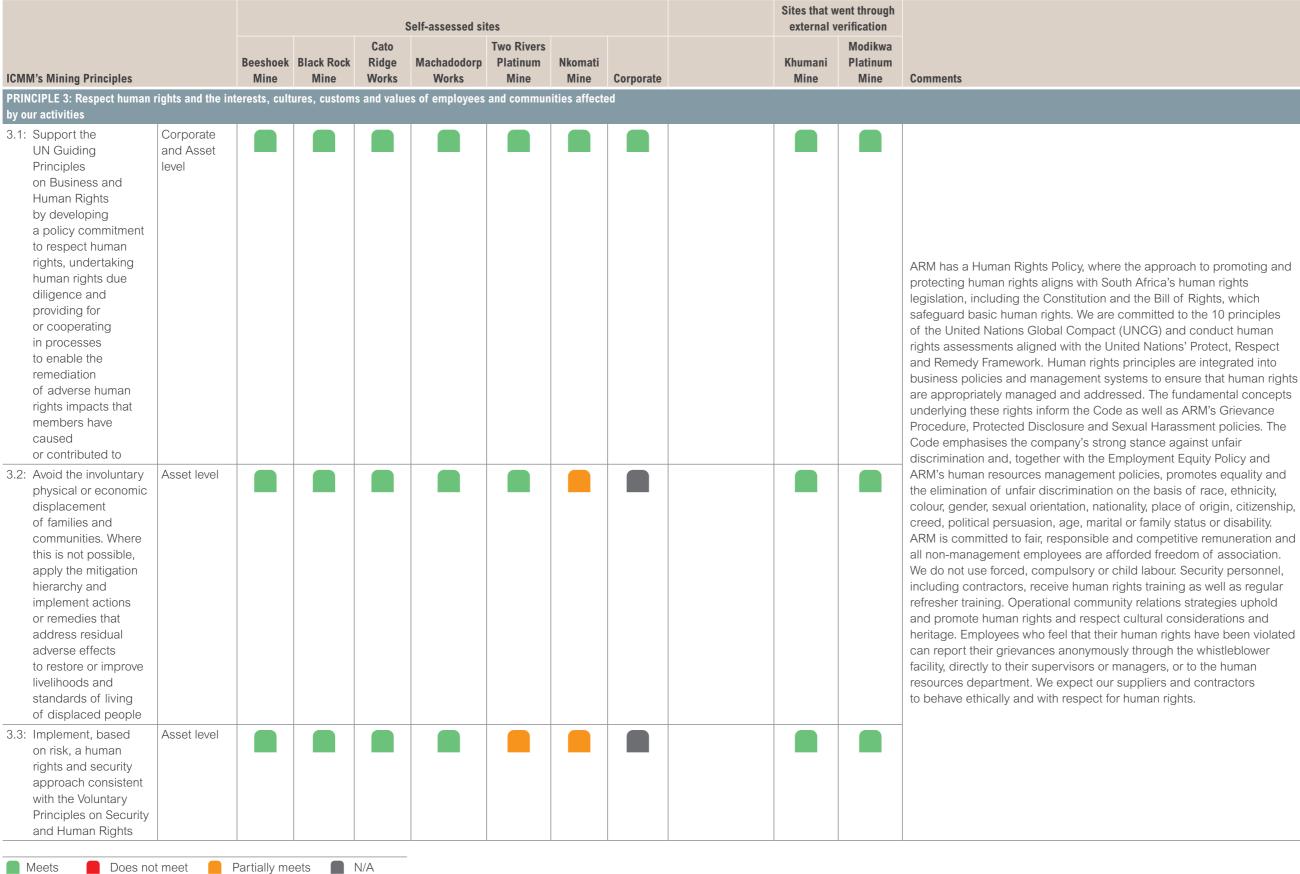
g the effective management ARM board. The board SEC. The purpose of this e manner and extent to which the economy, society and to ensure its business e: sustainable development and reviews sustainability ets and ensures these align with be for harm. The executive: into the management risk and ed to sustainable development we: sustainable development we: sustainable development we: sustainable development ember of the management risk A steering committee and also my sustainable development- e terms of reference for the updated to ensure that they try and regulatory ethics committee monitors a division and is chaired by the ew business development. RM Ferrous operations ensure he operational level. The each have standalone maired by the ARM executive: ttees report to exco or board opriate. The Assmang social le development committees arding operational performance rterly meetings.	2023 ESG Report ESG
sea in the GRI Table	2023 ARM GRI index https://www.arm-ir- reports.co.za/reports/ arm-iar-2022/pdf/ ARM-GRI-2022.pdf

ARM'S ICMM PERFORMANCE EXPECTATIONS SELF-ASSESSME FOR THE YEAR ENDING 30 JUNE 2023



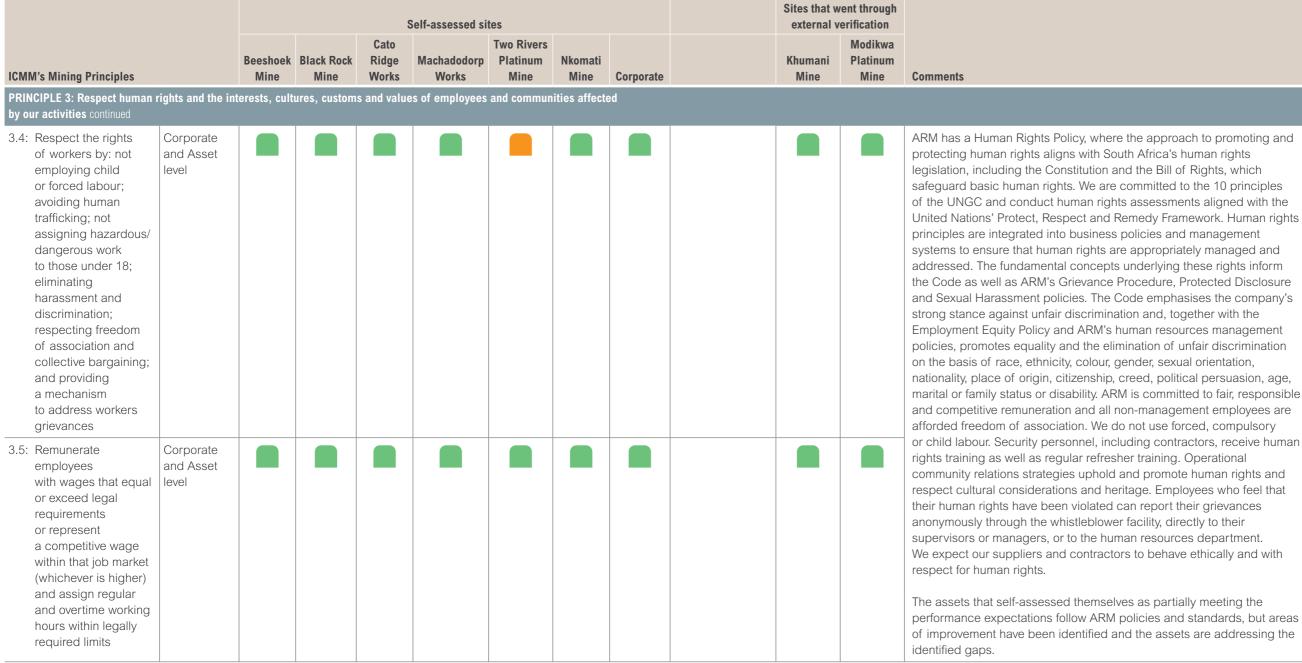


	Documents and publications
applies (refer to F2023 ESG ation through management	2023 ESG Report, page 32
	ESG
ors to behave ethically and with de of Conduct that suppliers contracts address sustainability asset-level EHS management .RM Human Rights Policy also .nd contractors.	



**Documents and** publications

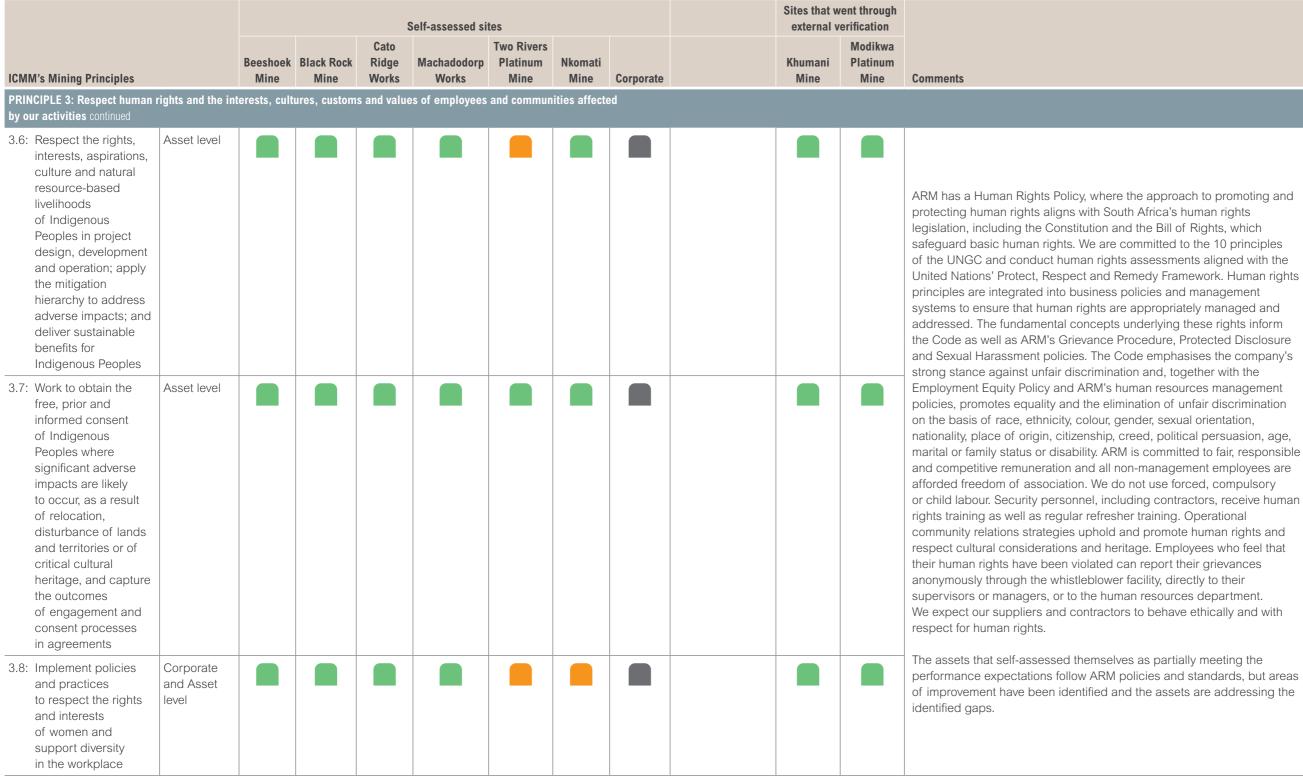
ARM'S ICMM PERFORMANCE EXPECTATIONS FOR THE YEAR ENDING 30 JUNE 2023 SELF -ASSESSMEN





**Documents and** publications

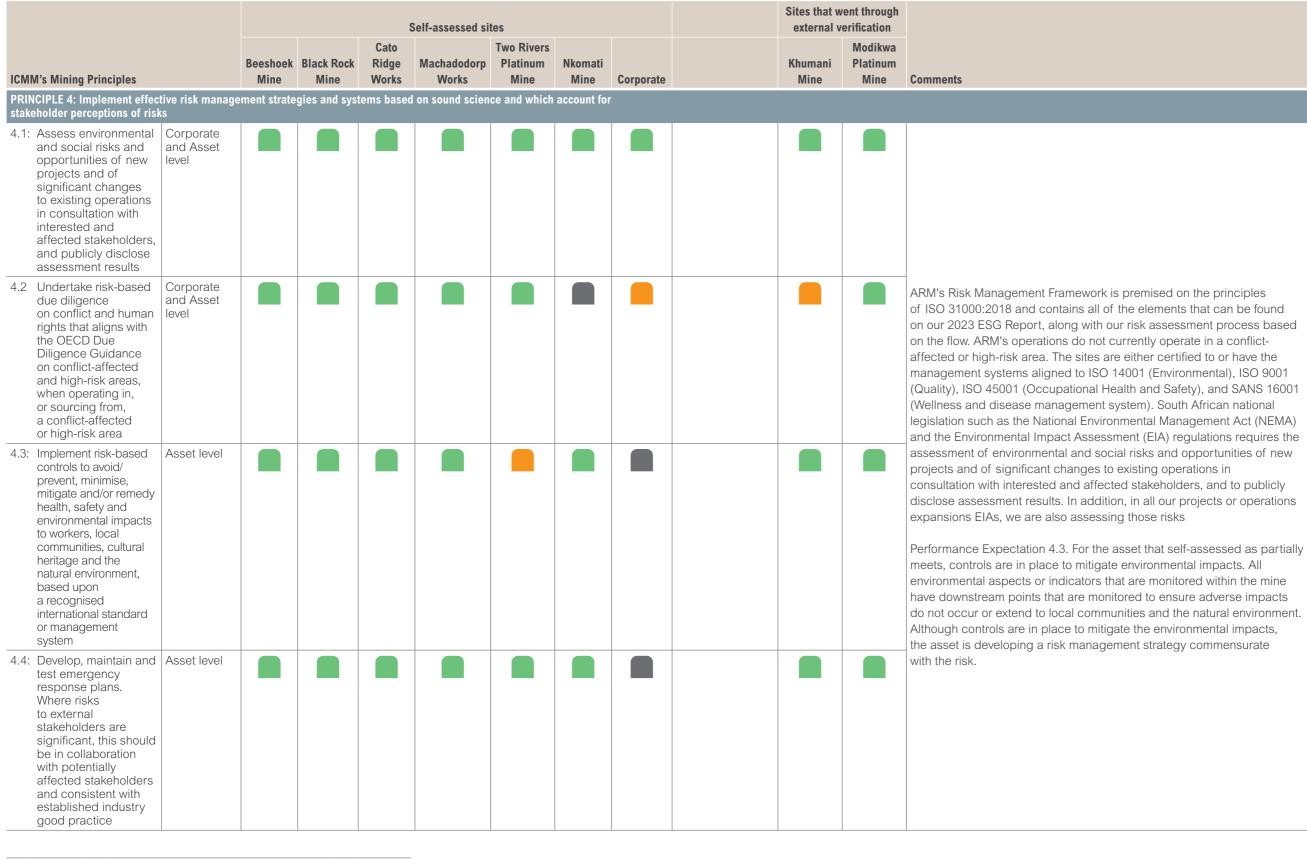
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**Documents and** publications

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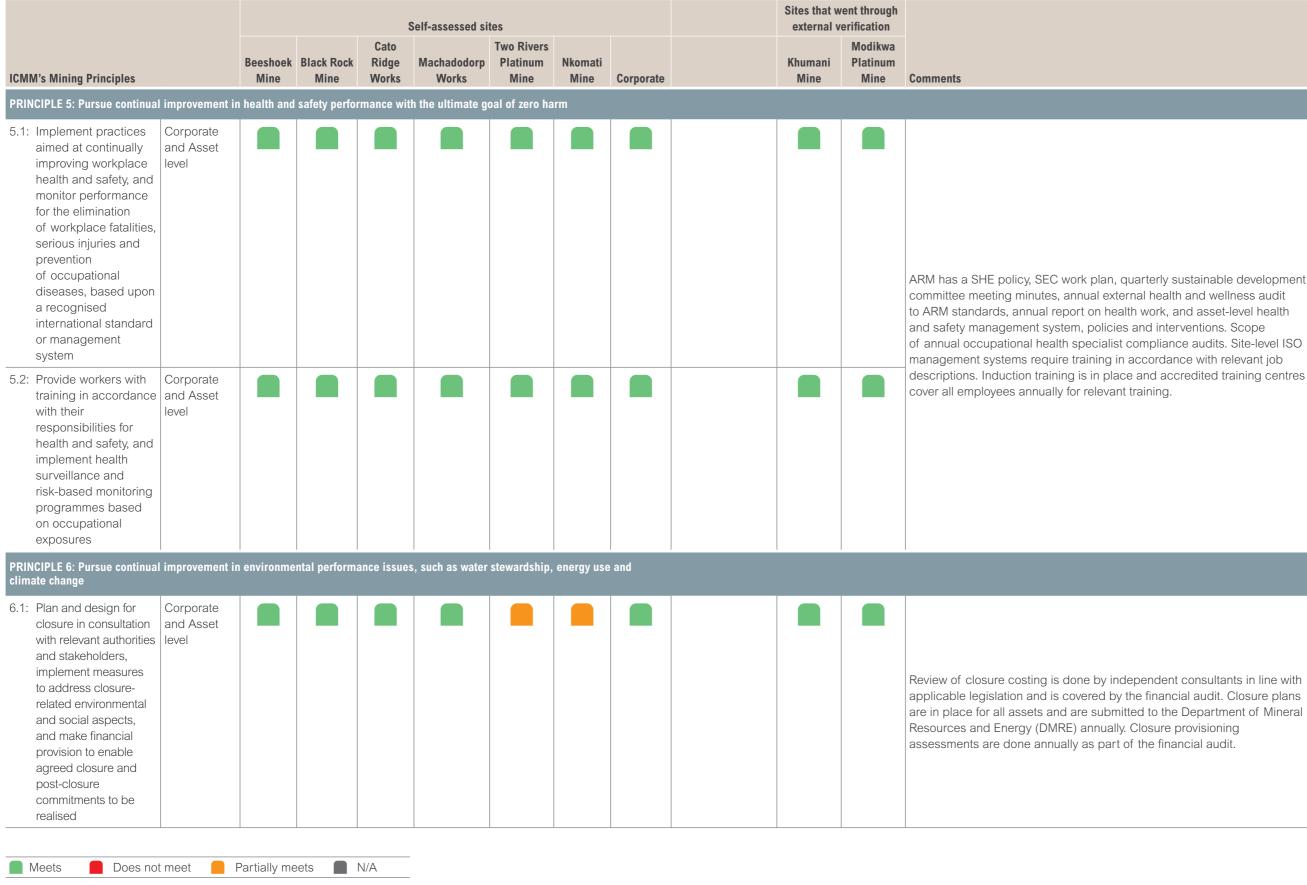
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**Documents and** publications

2023 ESG Report

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ARM'S ICMM PERFORMANCE EXPECTATIONS SELF-ASSESSMEN



**Documents and** publications

ARM'S ICMM PERFORMANCE EXPECTATIONS SELF-ASSESSMENT

	Self-assessed sites							Sites that we external ve			
ICMM's Mining Principles	Beeshoe Mine	k Black Rock Mine	Cato Ridge Works	Machadodorp Works	Two Rivers Platinum Mine	Nkomati Mine	Corporate	Khumani Mine	Modikwa Platinum Mine	Comments	Documents and publications
PRINCIPLE 6: Pursue continual improven	ient in environm	ental perform	ance issue	s, such as water	stewardship,	energy use	and				
climate change continued6.2: Implement water stewardship practices that provide for strong and transparent water governance, effective and efficient management of water at operations, and collaboration with stakeholders at a catchment level to achieve responsible and sustainable water useCorpora and Ass level										ARM reports its water stewardship practices comprehensively by way of a public Climate Change and Water Report. Refer to the 2023 Climate Change and Water Report for more details, including the water-related boards in which ARM operations participate or interact with.	2023 Climate Change and Water Report
6.3: Design, construct, operate, monitor and decommission tailings disposal/storage facilities using comprehensive, risk-based management and governance practices in line with internationally recognised good practice, to minimise the risk of catastrophic failure										As a member of the ICMM, ARM has committed to conforming with the requirements of the Global Industry Standard on Tailings Management (GISTM) for all facilities with "extreme" or "very high" consequence classification, by August 2023, for all other facilities by August 2025 and for the newly acquired Bokoni mine by August 2024. ARM has a TSF Management Policy and a TSF Management Standard, which were approved by the board. In addition, independent TSF reviews are conducted by Hawcroft (an insurer of mining businesses), who will visit each ARM-managed operation annually to review the tailings management systems in place. Hawcroft will meet with the team comprising the responsible plant manager, responsible tailings facility engineer (RTFE) and the operator of the dam to understand how the site is managing the facility. The risk engineer from Hawcroft will also perform a physical inspection of the dam, to review aspects such as drainage systems, vegetation, return water systems, vegetation, inspect the free board, deposition systems etc to evaluate the condition of the facility. Third-party reports such as the Dam Break Analysis, Dam Safety Report, Independent Tailings Review Board (ITRB) reports will be requested and reviewed to verify if there are no major issues noted on the facilities.	2023 Report on conformance to GISTM on www.arm.co.za
6.4: Apply the mitigation hierarchy to prevent pollution, manage releases and waste, and address potential impacts on human health and the environment	rel									Most of our operations are certified in terms of ISO 14001, and those that are not formally certified, remain aligned with the standard. ARM is committed to protecting the environment, including reducing or preventing pollution, conserving resources in the context of each operation's significant environmental aspects, and considering its risks and opportunities.	2023 ESG Report

ARM'S ICMM PERFORMANCE EXPECTATIONS SELF-ASSESSMENT FOR THE YEAR ENDING 30 JUNE 2023



7.1: Neither explore nor develop new mines in World Heritage sites, respect legally designated protected areas, and design and operate any new operations or changes to existing operations to be compatible with the value for which such areas were designated							ARM operations have Biodiversity Action Plar management programmes in place. BAPs are management instruments and include comm protected areas such as wetlands, zones of and heritage sites, and protected and endan by the International Union for Conservation o
7.2: Assess and address risks and impacts to biodiversity and ecosystem services by implementing the mitigation hierarchy, with the ambition of achieving no-net- loss to biodiversity	Corporate and Asset level						Impacted areas are monitored on a continuo operational biodiversity performance audits a as part of external EMP audits.

#### **Documents and** publications

2023 ESG Report



2023 Climate Change and Water Report



2023 ESG Report, page 76

#### ESG

ESG supplementary data sheets (biodiversity management) on www.arm.co.za



ARM'S ICMM PERFORMANCE EXPECTATIONS FOR THE YEAR ENDING 30 JUNE 2023 SELF-ASSESSMENT

Plans (BAPs) and biodiversity are pivotal environmental nmitments to conserve of endemism, archaeological angered species identified of Nature (IUCN). uous basis and s are conducted biennially





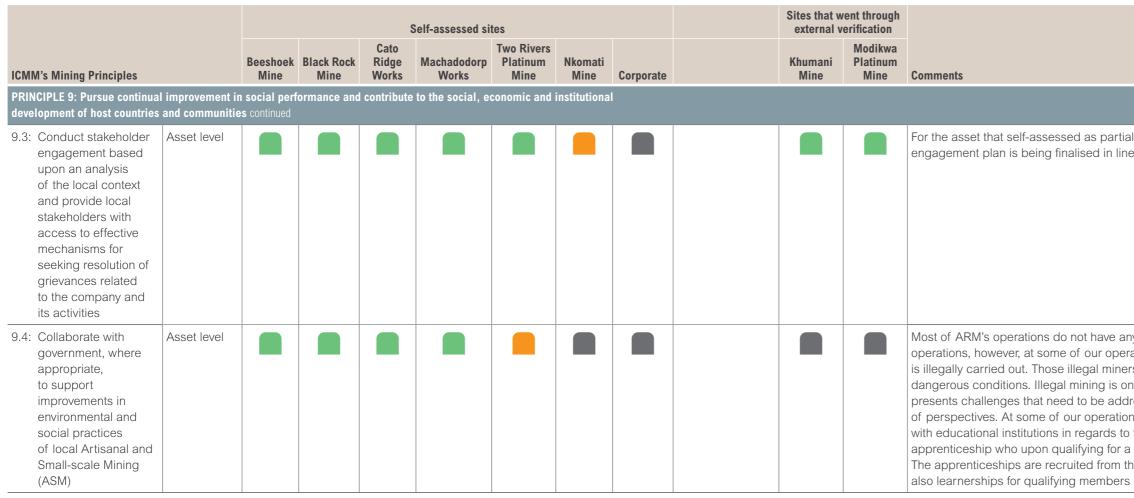
	Documents and publications
ace covering recycling and ion target in place and of all waste. The ARM Ferrous in the Northern Cape g a facility to recycle and usiness model also aims by creating jobs and providing domestic waste reduction gy through recycling of all	2023 ESG Report, page 72
terial Safety Data Sheets rmonised System of Hazard or all products.	

	Self-assessed sites Sites that went											
ICMM's Mining Principles		Beeshoek Mine	Black Rock Mine	Cato Ridge Works	Machadodorp Works	Two Rivers Platinum Mine	Nkomati Mine	Corporate	Khumani Mine	Modikwa Platinum Mine	Comments	Documents and publications
PRINCIPLE 9: Pursue continua levelopment of host countries			formance and	l contribut	e to the social, ec	conomic and i	nstitutional					-
9.1: Implement inclusive approaches with local communities to identify their development priorities and support activities that contribute to their lasting social and economic wellbeing, in partnership with government, civil society and development agencies, as appropriate	Corporate and Asset level										Community infrastructure development projects are implemented as part of the Local Economic Development (LED) programmes and support regional integrated development plans. These projects form part of the five-year social and labour plans (SLPs) the operations commit to in terms of the Mineral and Petroleum Resources Development Act (MPRDA). SLP projects are agreed upon and regularly revised in close consultation with communities, the DMRE, the Department of Health, the Department of Education and local government. Progress on SLP projects is monitored on an ongoing basis and reported internally at least quarterly at SEC and sustainable development committee meetings at corporate, operational and divisional levels. Regular updates are provided to municipalities, communities, the DMRE and other government departments. The asset that self-assessed as partially meeting the performance expectation follows ARM's policies, standards and other relevant legislation, and a new engagement forum has been negotiated but other areas of improvement have been identified and the asset is addressing the identified gaps.	2023 ESG Report, page 106
.2: Enable access by local enterprises to procurement and contracting opportunities across the project life cycle, both directly and by encouraging larger contractors and suppliers, and also by supporting initiatives to enhance economic opportunities for local communities	Corporate and Asset level										Preferential procurement initiatives offer opportunities to promote entrepreneurship and economic growth among historically disadvantaged persons (HDPs), create jobs, improve market access for South African capital goods and services, and increase economic activity in the areas around our operations. Preferential procurement and enterprise and supplier development are also significant elements of the Mining Charter and the Department of Trade, Industry and Competition (dtic) Codes of Good Practice (CoGP) scorecards. ARM's procurement department assists divisional chief executives to drive the process of improving preferential procurement. Our contracting process requires suppliers and service providers to supply valid and current BBBEE certificates at the contract commencement stage. Submission of BBBEE improvement plans is also required when proposals are submitted. Suppliers and service providers are encouraged to continuously improve their BBBEE ratings and to communicate any changes in their status. A pre-audit was conducted in February 2019 to assess preferential procurement and enterprise and supplier development performance against the requirements of the dtic CoGP. Operations prepared improvement plans to address the findings highlighted in the feedback report and training was provided on the requirements of the verification audit. Recognition of performance depends on valid BBBEE accreditation of suppliers by SANAS-accredited agencies or through sworn affidavits for exempt micro enterprises (EMEs) and qualifying small enterprises (QSEs). Operations actively track and flag suppliers' BBBEE certificates All operations have compiled procurement plans to align to the requirements of the Mining Charter and an action plan is being implemented to improve preferential procurement performance that, where feasible, prioritises EMEs, QSEs, black owned, black youth and black women owned suppliers.	2023 ESG Report page 106 ESG

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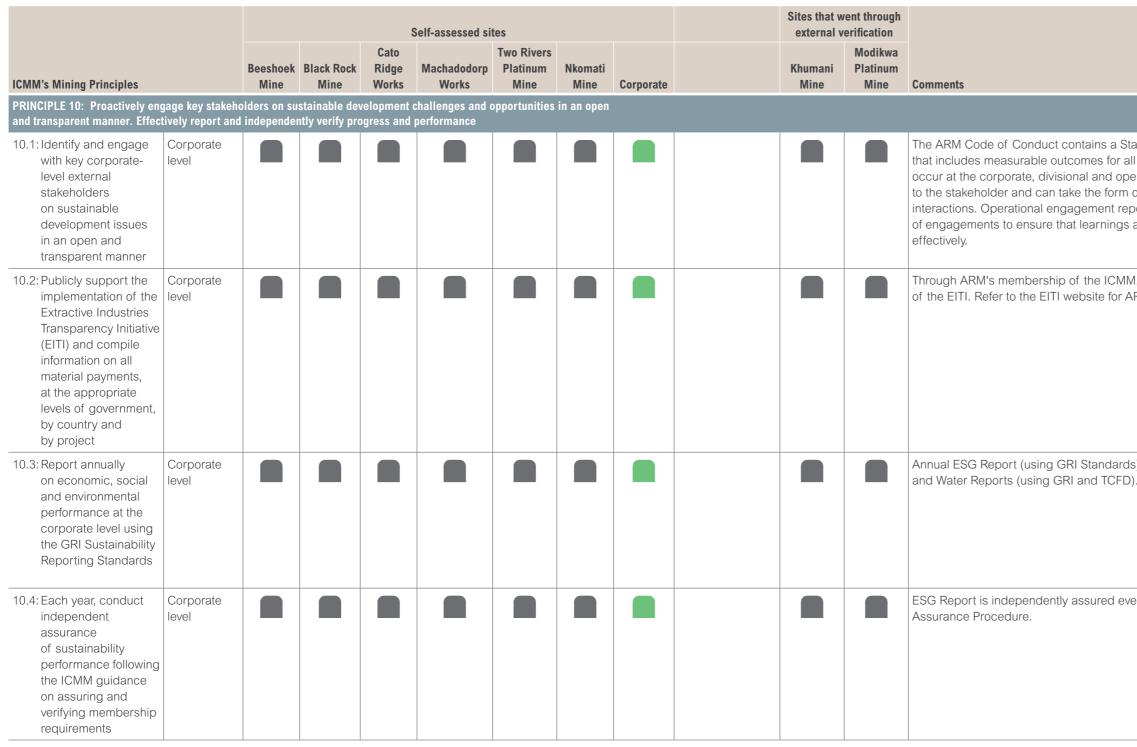
ARM'S ICMM PERFORMANCE EXPECTATIONS SELF-ASSESSMENT FOR THE YEAR ENDING 30 JUNE 2023





	Documents and publications
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ARM'S ICMM PERFORMANCE EXPECTATIONS SELF-ASSESSMENT FOR THE YEAR ENDING 30 JUNE 2023





	Documents and publications
akeholder Communication Policy I engagements. Engagements erational level as appropriate of formal or informal ports record the content are documented and shared	
I, we support the principles RM's EITI disclosures.	
s) and Annual Climate Change	2023 ESG Report ESG 2023 Climate Change and Water Report ccw
ery year in terms of the ICMM	2023 ESG Report page 190

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