

Case Study

6 CLEAN WATER AND SANITATION



BEST PRACTICE IN WATER MANAGEMENT IN WATER-SCARCE AREAS

Reducing water consumption and improving recycle and reuse

Semi-arid South Africa is approaching physical water scarcity by 2025 and is expected to face a water deficit of 17% by 2030, based on current usage trends, with climate-change impacts expected to exacerbate the shortage.

Water is a critical input for mining operations and a resource which is shared with mine-host communities. For Implats' operations in South Africa and Zimbabwe particularly, water management is critical as these are water scarce areas. The company's operations implement water stewardship initiatives to ensure water use is effectively monitored, with the aim to progressively reduce the use of this scarce resource.

Implats holds an "A" performance score for its 2020 Carbon Disclosure Project (CDP) Water Disclosure Project submission – one of only 106 companies globally to have made the CDP's 2020 water security A-list. The A-rating, the second consecutive year Implats has achieved this score, places the PGM producer in the leadership band with a select group of companies for achieving best practice in their 2020 disclosure, awareness, and management of water security risk.

Implats scored particularly well in eight of the 11 categories measured by CDP, including its risk

assessment, risk exposure and responses, business strategy, governance, its integrated approach to environmental challenges, its targets, and



Implats is a leading producer of platinum group metals (PGMs), structured around six mining operations and Im-

pala Refining Services, a toll refining business. Our mining operations span the Bushveld Complex in South Africa, the Great Dyke in Zimbabwe and the Canadian Shield. We are listed on the JSE Limited in South Africa and have a level 1 American Depositary Receipt programme in the USA.

Implats employs more than 50,000 people across all operations. Our people are the heartbeat of our Company and though our values – to respect, care and deliver – we foster a culture of teamwork and accountability.

The metals we produce are the key to making many essential industrial, medical and electronic items – and they contribute to a cleaner, greener world.

We actively develop markets for our PGM products, which are sold in South Africa, Japan, China, the US and Europe.

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goals as well as water-related opportunities. 51% of water consumed in 2021 was recycled water, exceeding the 44% Group target. The company aims to reduce freshwater intake and improve water recycling/reuse to 56% by 2025. The A-rating is higher than the B average achieved by the metal smelting, refining, and forming sector, as well as the Africa regional average of B. The score also puts Implats in the top 15% of companies in the leadership band in terms of disclosure.

Implats' strategy focuses on water consumption and quality management and encompasses a framework for operation-specific water conservation strategies, in line with the commitment to reduce levels of potable water used and increase the use of recycled water. In doing so, Implats strives to enhance its resilience to the changing external conditions, such as drought, floods, water scarcity and competing demands from different stakeholders. The company continues to adapt and refine its knowledge around climate-related physical risks and regularly reviews its climate-related performance targets.



The CDP Water Disclosure Project score encourages companies to progress their environmental stewardship practices through benchmarking and comparison with peers to continuously improve water governance. CDP data also provides insight for investors and other influential decision-makers on how to reduce risk, capitalise on opportunities and drive action towards a more sustainable world.