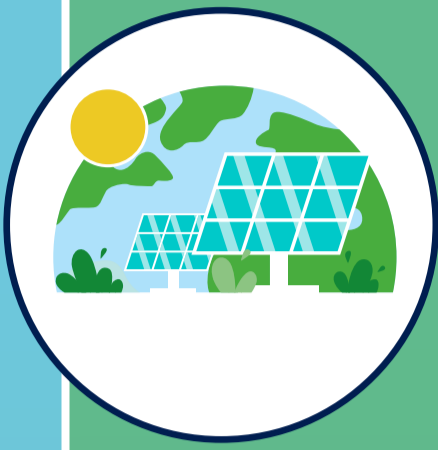




VWSA's long term goal is to become a **carbon neutral plant by 2030**



Solar photovoltaic panels

Installed at VWSA sites in Kariega, Centurion and Sandton

Total investment of **R89 million**

Together these panels can generate up to **8 988 MWh** of electricity annually



Wastewater recycling facility

The facility recycles **113 kilolitres** of water per day for Production use

This means a **26%** saving in water use

Total investment of **R20 million**



Rainwater harvesting

Up to **1,2 million litres rainwater** is harvested for use in various Production areas

This has amounted to a **19% reduction** in VWSA's use of freshwater

Over R4 million has been invested to date



Waste Reduction

VWSA has reduced its waste of cardboard boxes by

17 tonnes per year

and plastic waste by

46 tonnes per year



Environmental impact

Compared to 2010, VWSA had reduced its environmental impact by the end of 2023 by:

56% in energy usage

53% in carbon emissions

73% in use of freshwater

76% in waste

57% improvement in overall environmental impact