
DURBAN WATER RECYCLING PPP

The City's first Public Private Partnership (PPP) was the Durban Water Recycling (DWR) Plant, which has been successfully operating since its commissioning in 2001. This plant has a capacity of 47.5 ML/d (megalitres per day) where domestic and industrial wastewater is treated to a near potable standard for sale to industrial consumers for direct reuse in their processes. The project is an outstanding example of a Public Private Partnership that harnesses the synergies of the partners to achieve an outcome that addresses key issues of water security, thereby guaranteeing future water supply. The City has registered a new PPP with National Treasury that aims to optimize the current plant and incorporate a new 20 ML/d reuse plant for potable water.

The project demonstrates innovative approaches to the sustainability of water resources, minimization of water consumption and environmental pollution and the achievement of technically challenging water and wastewater treatment goals. It demonstrates that by pooling resources and expertise in a Public Private Partnership, and by focusing on long-term sustainability goals, all participants can gain, including the environment.

This project contributes to achieving the following Sustainable Development Goals:



The 2030 Agenda for Sustainable Development, adopted by all United Nations Member States in 2015, provides a shared blueprint for peace and prosperity for people and the planet, now and into the future. At its heart are the 17 Sustainable Development Goals (SDGs), which are an urgent call for action by all countries - developed and developing - in a global partnership. They recognize that ending poverty and other deprivations must go hand-in-hand with strategies that improve health and education, reduce inequality, and spur economic growth – all while tackling climate change and working to preserve our oceans and forests.

SDG 6 seeks to ensure availability and sustainable management of water and sanitation for all.; SDG 11 targets making cities and human settlements inclusive, safe, resilient and sustainable; SDG 13 aims to enable urgent action to combat climate change and its impacts and SDG 17 seeks to strengthen global partnerships to support and achieve the ambitious targets of the 2030 Agenda, bringing together national governments, the international community, civil society, the private sector and other actors.

For further information about the SDGs, please visit <https://strathub.durban.gov.za/pages/sdgs> or email Nevana.Srikissoon@durban.gov.za