

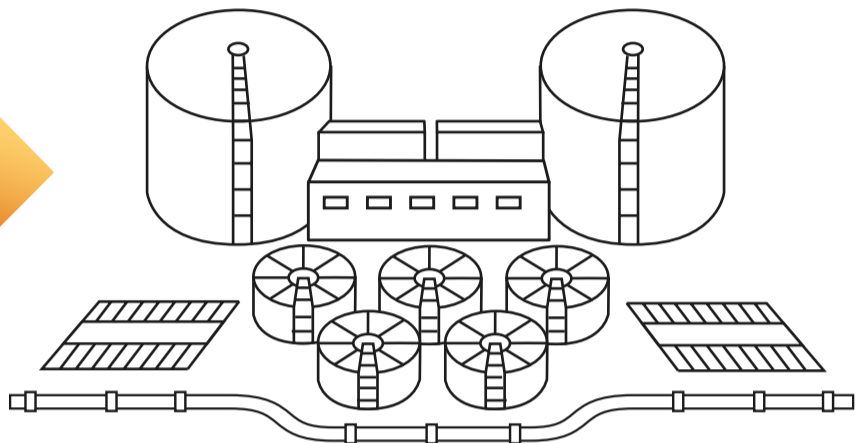


DUPONT SAFETY & SUSTAINABILITY AWARDS

SUSTAINABILITY AWARD - GLOBAL WINNER

Dubai Municipality

Dubai Municipality was honored as the global winner of the sustainability category in the 14th DuPont Safety and Sustainability Awards for the development and introduction of its sustainable wastewater recycling program.



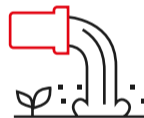
Around 3.2 million people rely on Dubai Municipality for wastewater services. The aim of the municipality's Department of Sewage Treatment Plants and Networks is to preserve natural resources while meeting the needs of a fast expanding population.

Dubai Municipality pursued this goal by applying the principles of the circular economy to a holistic program of initiatives by the Department of Sewage Treatment Plants and Networks. This included the expansion of existing wastewater treatment capacities through a new sewage treatment plant built on sustainable principles.

THE NEW PLANT ALLOWS THE CITY TO:



reduce use of costly desalinated water by 700 million liters a day

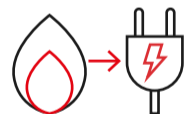


supply treated water for irrigation through a pipeline network covering the whole of Dubai and

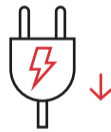


more than double wastewater treatment capacity

generate methane which can be converted into energy



consume 25% less power from the grid



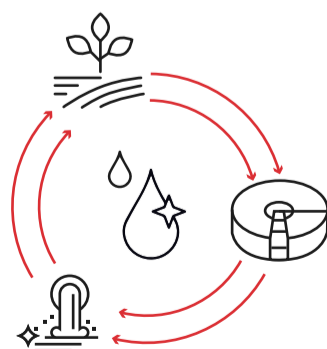
while using a biological filter system to control odors.



produce organic fertilizer from solid waste

At the same time, Dubai Municipality also succeeded in reducing dependence on external water sources through a combination of continuous monitoring of energy consumption/water use, employee training, building of community awareness, public/private partnerships, stakeholder engagement, the use of new technology and the sharing of best practices both internally and externally.

Today, recycled water from landscaping and agriculture provides a sustainable supply of approx.:



230 million m³ recycled water for irrigation of around 40 million m³ of agricultural/landscaped land.

With its sustainability-focused initiative, Dubai Municipality has made significant advances in implementing the principles of a circular economy.