

INTRODUCTION > **Tap Tomorrow**

NuWater 

Using our patented large diameter reverse osmosis technology, NuWater can clean almost any quantity and quality of water efficiently and cost-effectively.



The Quest for Clean Water Products

NuWater delivers large volumes of high quality and competitively priced cleaned water through its modular, self-contained Reverse Osmosis (RO) treatment plants.

Unlike our competitors, NuWater's use of proprietary innovative 16" RO technology and a Build, Own and Operate (BOO) business model allows us to offer flexible and highly scalable water-cleaning services.

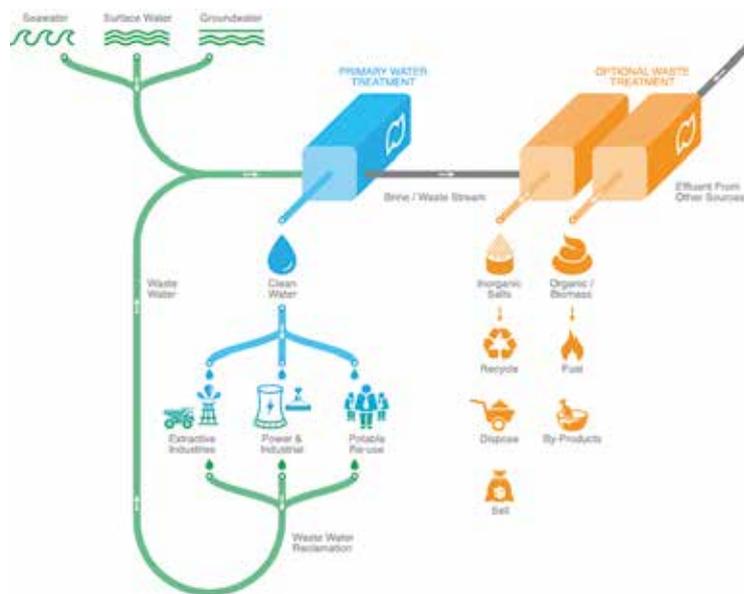
NuWater's customer-focused approach is supported by over a decade of experience in designing, manufacturing and commissioning RO plants around the world. We pioneered the use of 16" RO pressure vessels and high-flux membrane elements – technology proven in some of the world's leading water treatment facilities.

NuWater offers its water-cleaning services through a range of fully managed, high capacity, modular and self-contained RO water treatment plants.

Specialising in plants producing upwards of 5 MLD (million litres per day) for brackish water and 2.5 MLD for seawater, the modular nature of NuWater's solution allows our overall plant size to scale to almost any requirement. Proprietary RO technology also enables us to reliably produce high quality product water from almost any source water, and at a competitive price.

In order to ensure the highest levels of service, NuWater provides round-the-clock onsite operators in addition to remote monitoring of plant efficiency and water quality.

NuWater provides a range of products, services and financing solutions to reclaim or treat almost any quantity and quality of water.



Technology

The technology incorporated in NuWater RO plants has confounded competitors and academics alike as it defies conventional theory on membrane scaling and fouling.

The use of 16" pressure vessels, in combination with our Integrated Flow Distributor (IFD), Electromagnetic Field (EMF) device, and innovative membrane element design, improves hydraulic conditions and achieves significantly higher sustainable flux rates than conventional 8" RO technology, without scaling and fouling.

The result is a much smaller plant footprint, lower plant capital costs, and reduced operational and maintenance costs, all of which translate into lower water-cleaning costs.



Benefits

Aside from the water-cleaning cost benefits afforded by NuWater's RO treatment plants, customers also benefit from shorter deployment lead times as well as flexible plant location and scalability options.

The individual plant modules are housed in trailer-mounted containers and require only basic site preparation prior to commissioning. Individual modules are combined in parallel using a proprietary interconnection design to deliver the required water-cleaning capacity (which can be increased by adding modules at any time, and without disrupting existing plant production).

The flexibility of the modular plant design and the responsiveness of NuWater to customer requirements are being demonstrated daily. NuWater is reliably cleaning rapidly increasing volumes of sea and waste water for local and international private and public sector clients with demanding water needs.

Challenge us to clean your water.

Tap Tomorrow

NuWater Tap Tomorrow

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Africa has two of the world's ten longest rivers, including the world's longest. The Nile runs a distance of 7 000 kilometres from Lake Victoria in Uganda to Alexandria in Egypt.

