



Resourcing the world



Sustainable
Water Solutions

WATER TECHNOLOGIES

Veolia Water Technologies

Design and deliver drinking water or wastewater treatment plants as well as smaller standardized water treatment equipment for industrial or municipal customers.

We provide a complete range of water treatment systems with **total water management services** that are designed to meet the most stringent water quality requirements for both industrial clients and public authorities. The company's extensive portfolio of technologies features everything from **plug and play water treatment systems**, digital water solutions, **water**

reclaim and reuse technologies, energy-producing sludge treatment, state-of-the-art desalination, **ultrapure water treatment** to mobile water services. By optimizing water cycle and performance monitoring, Veolia Water Technologies helps clients **reduce their water footprint** while generating **considerable savings in energy and chemical consumption**.





1853

Established in Paris,
France



€1.56B

In revenue (2021)



6,900

Employees worldwide



12,000

Customers signed
in 2020*



6,000

Industrial customers



120

Countries covered**



550

Drinking water
installation customers



380

Municipal wastewater
and sludge installation
customers



260

Projects or technology distribution
contracts signed in 2020

** by parent company so separate
contracts within one company are
combined.*

*** All figures per business unit
contracts signed in 2020.*



We Know Water



Reclaiming Effluent For Nestle Qingdao, China

Challenge

Due to declining rainfall, Qingdao faces an increasingly acute and chronic water shortage issue.

Solution

Reclaim water from secondary effluent and COW Water to be reused for non-potable purposes within limited indoor space.

View the results on our website.



STMicroelectronics, Singapore

Challenge

Due to the growing demand of the semiconductors industry, client was looking for a reliable Ultra Pure Water (UPW) supplier who is able to complete a very fast track project (4 months from award to water certification) and capable to provide high purified water respecting the technical specifications required for a 200 mm wafer fab.

Solution

UV, Membrane Degasifier, Continuous De-ionization, Ultrafiltration membranes.

View the results on our website.



Woodside Pluto LNG, Australia

Challenge

Treatment of produced water and site wastewater for high standard discharge to sea and partial use for boiler feed water.

Veolia provided D&B of WW & Demin package:

- CPI & MPPE unit for toxic Hydrocarbon removal
- Membrane Bio Reactor for COD/BOD removal
- Tertiary Membrane Filtration
- Oxidation/Ozone & Activated Carbon filtration for polishing and feed to the 14 m³/h RO and Ion Exchange Polisher Demin package.



Illawarra Wastewater Recycling Scheme, Australia

Challenge

- Improving water quality at Illawarra beaches, particularly those near sewage treatment plants
- Supply high-quality recycled water for industrial reuse

Solution

- Design, build and provide operational advice for upgrading 3 wastewater treatment plants south of Sydney to serve 300,000 residents.

View the results on our website.



Shanghai Pudong Linjiang Drinking Water Treatment Plant, China

Veolia China was awarded a double objective project: design, build and commissioning of a new 200,000 m³/d traditional treatment line and extension of the deep treatment upgrading the 400,000 m³/d existing lines. The total final capacity of the Plant is 600,000 m³/d.



Bayswater Water Treatment Plants Upgrade, Australia

Challenge

Wanted to minimise its impact on the environment by restoring the sustainability of the water in nearby Lake Liddell.

Solution

Veolia provided a comprehensive and innovative water solution package which includes lime softening, pre-treatment using 8 Actiflo® units for clarification process, filtration, ion exchange, reverse osmosis, brine concentration and crystallisation.

View more info on our website.



Tun Razak Exchange - The First Water Recycling Plant In Malaysia

Challenge

One of TRX sustainability targets is 50% reduction in total fresh water demand compared to conventional development.

Solution

We combined 5 key technologies from our portfolio of advanced water solutions including Multiflo, AnoxKaldnes MBBR and Hydrotech Discfilter.



BlueKolding, Denmark

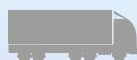
Challenge

The aim was to maximize the use of the existing facilities and at the same time ensure an optimum and compliant operation under all conditions, such as under dry and wet weather conditions.

Solution

Hubgrade Performance (formerly known as AQUAVISTA™ Plant) was first installed in 2007 at the Agtrup WWTP.

View the results on our website.



Results-based
company
culture

130

Research facilities
with four dedicated
research sites

Sustainable,
cost-effective
solutions

PEOPLE. PLANET. PROFIT.

REMOVING MICROPOLLUTANTS

Removing micropollutants from contaminated water source such as pharmaceuticals, personal care products or industrial chemical compounds which are difficult to degrade.

AFFORDABLE AND CLEAN ENERGY

Creating energy-positive wastewater treatment plant (that produces more energy than it consumes) across the world.

ENABLING CIRCULAR ECONOMY

Recover and reuse water and resources such as hydrocarbons, solvents, nutrients, metals from wastewater streams.

**Local
presence**
on all
continents

1,769
technology
patents*

800

Innovation experts
worldwide with
200 researchers
& technicians

* Including pending patents.

Veolia Water Technologies' ecological transformation focuses

Transforming wastewater into drinking water

Using innovative refining, disinfecting and decontamination solutions, we recover and give a second life to wastewater, which can then be reused in various ways, from meeting industrial needs to providing people with drinking water.



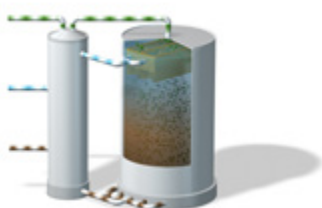
ACTIFLO
High Rate Clarification



RAPIDE STRATA
Industrial Deionisers



TERION
Integrated RO-CEDI Unit For Power Market



Biobed Advanced EGSB
High-Rate Anaerobic Granular Process

Treating all forms of water pollution

Applying our cutting-edge water expertise to the detection and treatment of all forms of water pollution, including micropollutants like endocrine disruptors and drug residues.

Recycling water for crop irrigation

Applying our knowledge and experience in water treatment technologies to extend the treated wastewater reuse model to agricultural use.



Hydrotech
Drum & Disc Microscreen Filters



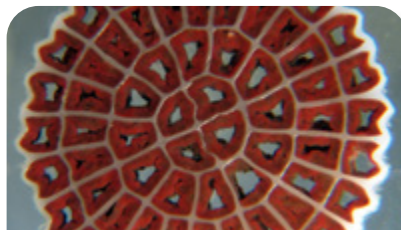
FILTROMAX
Automatic Disc Filtration



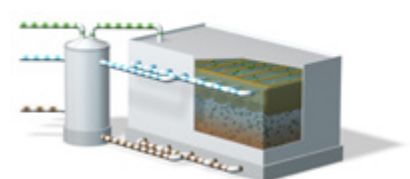
IDRAFLOT Multi-DAF
Dissolved Air Flotation



SIRION
Reverse Osmosis Systems



AnoxKaldnes MBBR
Moving Bed Biofilm Reactor



Biothane Advanced UASB
Compact Anaerobic Granular Process



Resourcing the world

Veolia Water Technologies Asia Pacific

Linked in marcom.apac@veolia.com

www.veoliawatertechnologies.com/asia