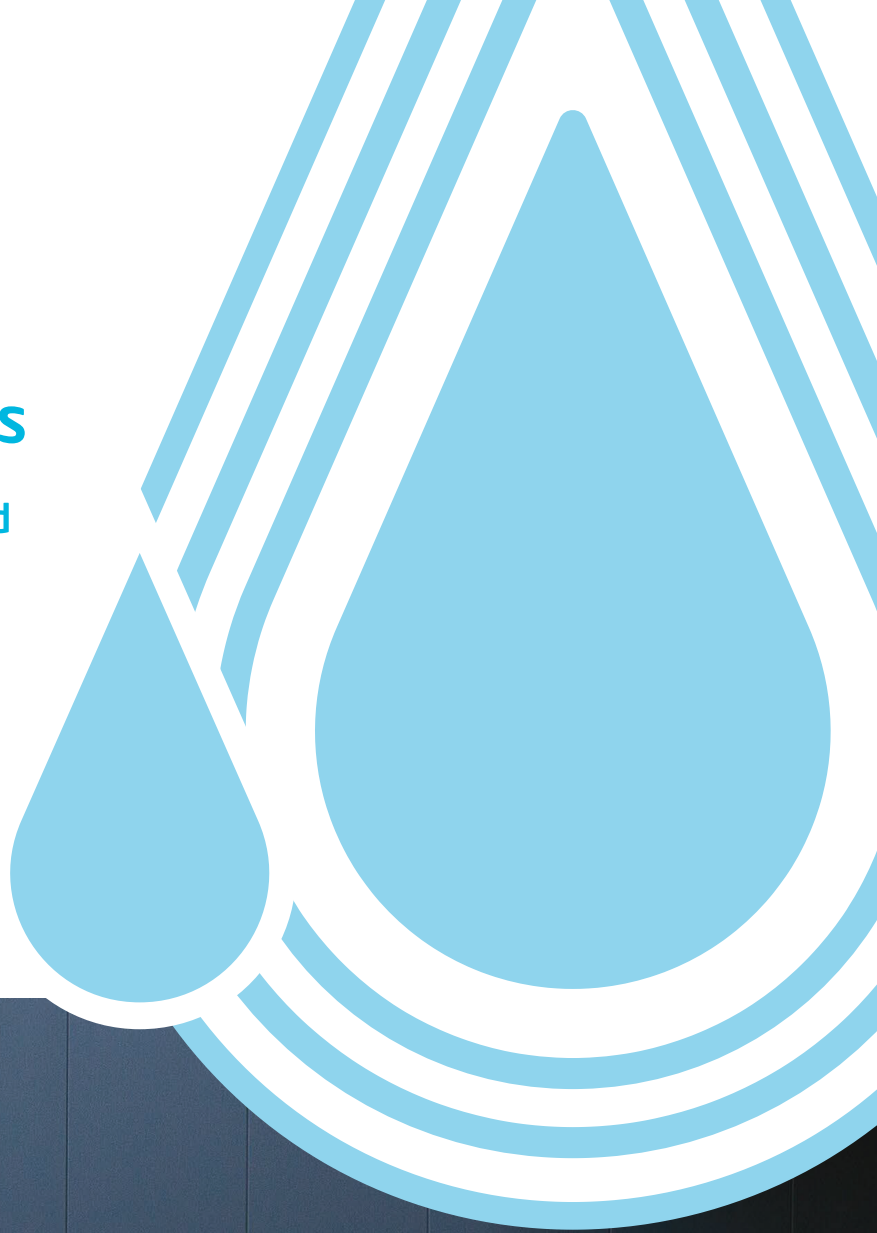




Total Water Management Solutions

Your Leading Supplier for Water and
Waste Water Treatment Solutions

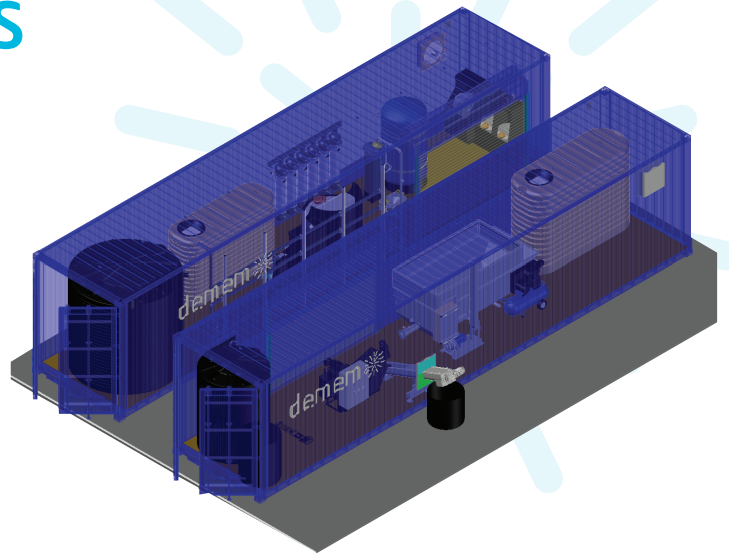
www.demembranes.com



TOTAL WATER MANAGEMENT SOLUTIONS

DE.MEM GROUP – OVERVIEW

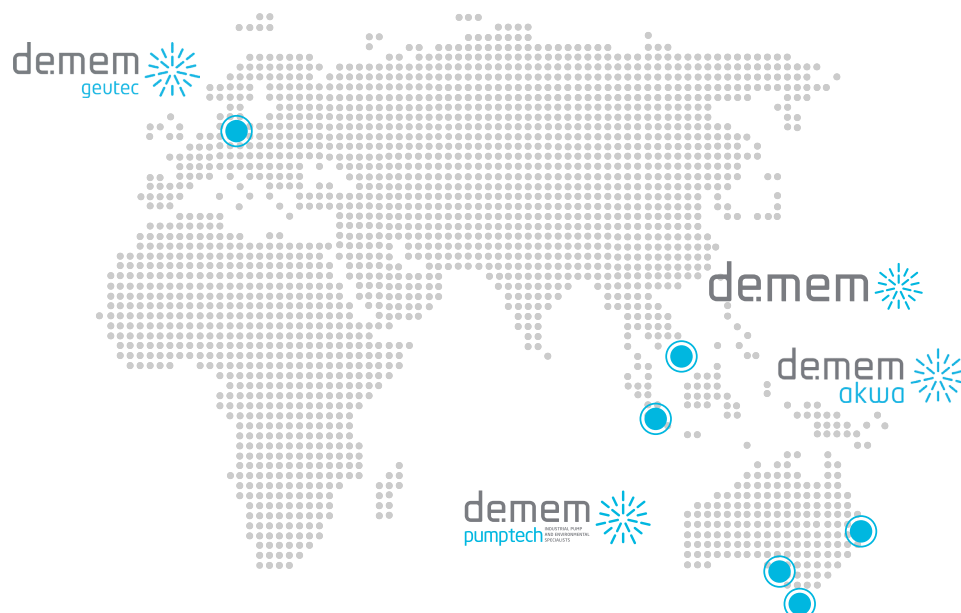
- ✦ De.mem Limited is an international provider of decentralised water and waste-water treatment solutions, headquartered in Australia and listed on the Australian Stock Exchange (ASX: DEM) since 2017
- ✦ Through its different group entities, De.mem offers all major types of water treatment equipment, pumps, chemicals and consumables to customers across all major industrial sectors as well as MOs in the municipal & residential segment.
- ✦ De.mem collaborates with leading research institutions, including Singapore's Nanyang Technological University (NTU), to launch cutting edge technological innovations into the water treatment market
- ✦ The company's proprietary technology portfolio comprises innovative hollow-fibre membranes manufactured in Singapore as well as a range of water treatment chemicals produced at our blending facility in Germany



OFFERING A COMPLETE AND HASSLE FREE SERVICE MODEL TO OUR CLIENTS

- ✦ Wide range of automation and remote monitoring solutions around de.live software
- ✦ Operations & Maintenance (O&M) of all types of water treatment systems, based on different levels of engagement according to the clients' requirements:
 - Performance and functionality reviews and upgrades
 - Remote monitoring
 - Periodic maintenance visits
 - Full and on-site operations & maintenance through De.mem staff
- ✦ Unique Build, Own, Operate (BOO) offer which includes provision of the equipment on a rental/leasing basis plus Operations & Maintenance services as required by the customer

DE.MEM LOCATIONS AND BRANDS



CONTACT DETAILS

- De.mem-Akwa, Brisbane, Queensland
Tel +61 (0) 75428 3265
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- De.mem Pte Ltd, Singapore
Tel +65 6265 2504
info@demem.com.sg
- De.mem-Geutec GmbH, Essen, Germany
Tel +49 (0) 201 42 22 98
info@demem-geutec.de



DE.MEM - A ONE STOP SHOP PROVIDER

APPLICATIONS

- Potable Water
- Desalination
- Sewage Treatment
- Industrial Waste Water
- Industrial Process Water
- Recycling

INDUSTRIES

- Mining & resources
- Food & beverage
- Metals processing, plating and surface finishing
- Oil & gas
- Electronics
- Fleet/vehicle operators
- Wash bays and service stations
- Hotels & resorts
- Municipal & residential

KEY PRODUCT LINES AND SERVICES

DISINFECTION

- Chlorination Systems
- Ultraviolet (UV)

WATER TREATMENT CHEMICALS

- De.floc flocculants & coagulants
- De.clean membrane cleaners, antiscalants
- Other

BIOLOGICAL TREATMENT

- Sludge Bioreactors (SBRs)
- Moving Bed Bioreactors (MBBRs)
- De.bug bacteria
- Aerators
- Anaerobic

MEMBRANE BASED WATER TREATMENT

- Micro- and Ultrafiltration
- Nanofiltration (Hollow Fibre)
- Reverse Osmosis
- Membrane Bioreactors
- Forward Osmosis

OTHER SPECIALIZED TREATMENT PROCESSES

- Filtration Systems
- Dissolved Air Filtration (DAF)
- Media Filtration
- Ion Exchange

PLC & AUTOMATION

- PLC & Software Programming
- De.live Monitoring

SELECTED REFERENCES

Industrial Waste Water, Singapore

- ✦ Industrial waste water treatment system
- ✦ Singapore factory of multinational from the food and beverage industry
- ✦ Up to 50 m³ of water treated per day
- ✦ Meets discharge and/or recycling standards
- ✦ Using a combination of membranes and other treatment processes

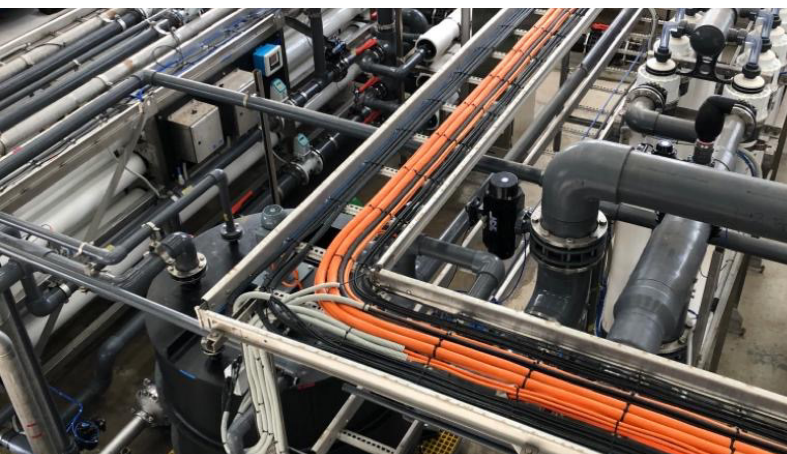


Potable Water & Sewage, Mining Industry, Australia

- ✦ Water and sewage treatment plants
- ✦ Deployed at mining camp in Queensland
- ✦ Using bore water as feed for the potable water plant
- ✦ Deploying submerged membrane bioreactor technology along with biological nutrient removal technologies for the sewage treatment plant

Potable Water & Sewage Treatment, Mining Industry, Papua New Guinea

- ✦ Water and sewage treatment plants
- ✦ Deployed at mining camp in Papua New Guinea
- ✦ Capacity of 1,000 EP
- ✦ Water treatment plant based on Ultrafiltration membranes plus pre-treatment
- ✦ Sewage treatment plant using multiple bioreactors



Desalination plant, Queensland

- ✦ Sea water Desalination plant
- ✦ Provides drinking water to a luxury resort
- ✦ Based on SWRO (Sea Water Reverse Osmosis) process
- ✦ Treatment capacity of 1.5 MLD
- ✦ Engaged to operate the facility under a long term service contract