

De.mem receives first commercial orders for proprietary membrane products

Highlights

- **De.mem wins two new projects for deployment of proprietary membrane technology – validating superior performance**
- **Contracts secured in Singapore and Vietnam for industrial waste water and potable water treatment applications**
- **Orders confirm positive technical validation of technology and the start of commercial scale-up**
- **De.mem witnessing a strong pipeline of orders building across Australia and Asia**

3 April 2018: Water and waste water treatment company De.mem (ASX:DEM) (“De.mem” or “the Company”) is pleased to advise that it has received the first commercial orders for its proprietary membrane technology from customers in Singapore and Vietnam.

A purchase order for 20 8-inch wide modules of the De.mem low pressure hollow fiber nanofiltration membrane was received from Hung Thanh Environmental JSC in Nghe An province, Vietnam. With the purchase of the membrane modules, the customer intends to upgrade an existing membrane based water treatment plant which provides potable water to households in the province.

Furthermore, the Company was also awarded a ‘Build, Own, Operate’ agreement by Boon’s Carwash, Singapore for provision of ultra-clean water for use in its car wash facility. The water treatment system will utilise a variation of De.mem’s nanofiltration membrane technology with larger pore size for the pre-treatment prior to a final Reverse Osmosis process step.

The low pressure hollow fiber nanofiltration technology was in-licensed by De.mem from Nanyang Technological University, Singapore (NTU), in 2016. It delivers significantly lower operating costs and requires reduced investment relative to other conventional water treatment technologies, while providing high quality product water.

While the orders received by the Company are worth approximately A\$30,000 in revenues and are not financially material, they are of significant importance as they confirm the validation of the technology ahead of broader commercial deployment.

De.mem CEO Andreas Kroell said: “The orders received are of high importance to De.mem as they confirm that our proprietary nanofiltration membrane is technically validated and fully ready for commercial deployment.

“Our low pressure hollow fiber nanofiltration technology has a strong value proposition for customers, as it reduces the cost of water treatment, while providing high quality treated water at a very competitive cost.

“Being able to deploy this technology as a key component in our water treatment systems further differentiates us from other industry participants and provides another competitive advantage.

“We are witnessing a strong demand from our existing customer base as well as new customers across Asia and Australia for this product in a range of market segments, including potable water generation, industrial waste water treatment and recycling. This will contribute to the rapid scale up of the De.mem business and drive additional revenues for the Company.”



Picture: De.mem water treatment system for provision of ultraclean water to a car wash facility

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About De.mem Limited

De.mem Limited (ASX:DEM) is a Singaporean-Australian decentralised water and waste-water treatment business that designs, builds, owns and operates water and waste water treatment systems for its clients.

De.mem operates in the industrial segment providing systems and solutions to customers from the mining, electronics, chemicals, oil & gas and the food & beverage industries and in the municipal and residential segments. De.mem has licensed proprietary technologies from its partner in research & development Singapore's Nanyang Technological University (NTU), including an exclusive worldwide license for a revolutionary low-pressure hollow fibre nanofiltration membrane. Through its wholly owned water and waste water treatment original equipment manufacturing (OEM) subsidiary Akwa-Worx Pty Ltd, De.mem has a strong presence in Australia. Akwa-Worx has a market reputation for building high quality Australian designed and manufactured products and has long-term customers in the Australian mining industry. To learn more please visit: www.demembranes.com