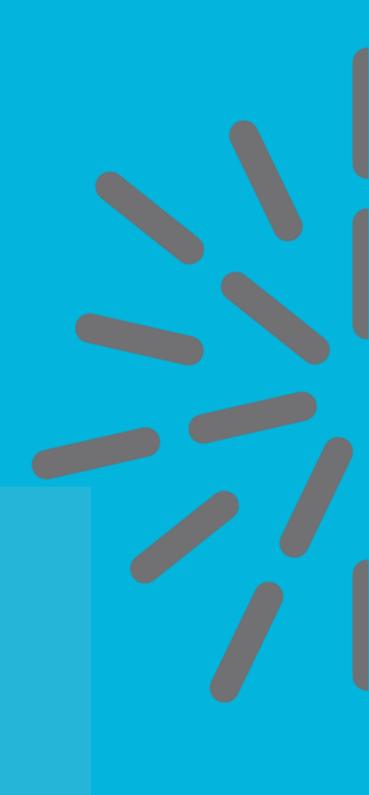


Global Opportunity In Industrial Wastewater

De.mem Limited (ASX:DEM) Investor Presentation | May 2017 Andreas Kroell | CEO & Director



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All figures included in this presentation are in AUD\$ unless otherwise stated. Assumed exchange rate of AUD\$1:USD\$0.75



"De.mem has a multibillion dollar opportunity in the wastewater treatment sector, driven by environmental trends and regulatory changes around the world"



To watch the Executive Interview Click Here



The global water and waste water solutions market has an estimated annual capital expenditure of

AUD\$240 billion*

Trend towards de-centralised units and recycling of waste water



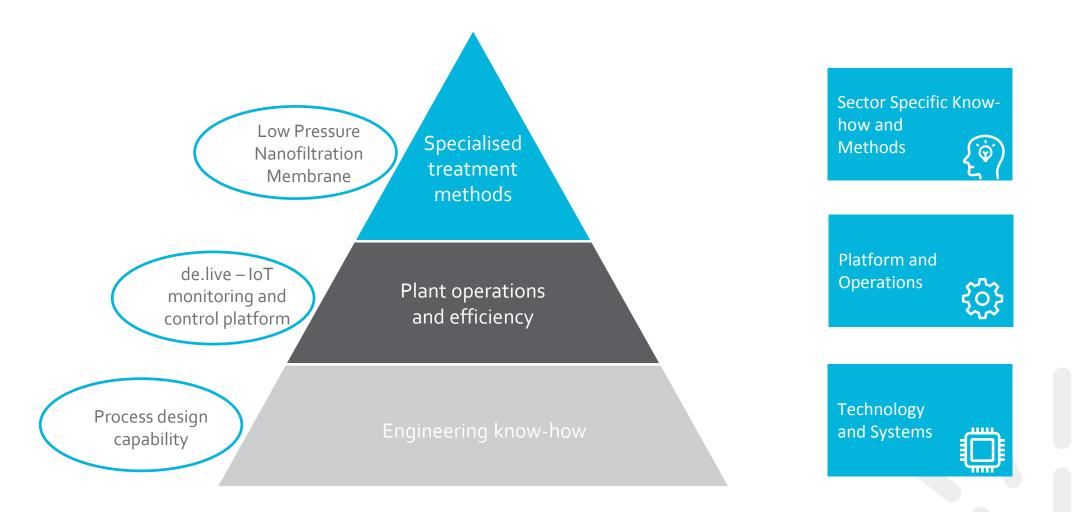


Innovative Wastewater Solutions

De.mem designs, builds, owns and operates de-centralised wastewater treatment systems Innovative membrane based wastewater filtration technology – Industrial waste water focus

Licensed proprietary technologies from Nanyang Technological University (NTU) in Singapore Revenue generating and positioned for growth

Leading Technology & Engineering Knowhow

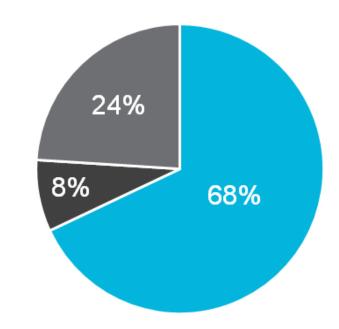




Corporate Overview

ASX code	DEM
Ordinary shares	95.8r
Market capitalisation	\$30n
Cash on hand (31.3.17)	\$4.9r
Listed on ASX	7 Ap
Issue price	\$0.20
Last price (22.5.17)	\$0.3´
52 week high	\$0.50
52 week low	\$0.3´
Average daily volume	198,0
GICS classification	Utiliti

DEM
95.8m
\$30m
\$4.9m
7 April 2017
\$0.20
\$0.31
\$0.50
\$0.31
198,000
Utilities



- NA Singapore Fund / New Asia Inv / Vendor / Other
- Pre-IPO
- ■IPO



Targeting High Growth Industrial Sectors



Food & Beverage

- · Water and wastewater
- High turbidity, solid and oil & grease removal
- Discharge & recycling



Oil & Gas

- Wastewater
- High turbidity, oil & grease removal
- Discharge & recycling



Electronics

- · Water and wastewater
- · Heavy metals removal
- Ultra pure water
- Discharge & recycling



Palm Oil Industry

- Wastewater
- High organic and oil content
- High temperature
- Discharge

Municipal & Residential

- Potable and wastewater
- Off the shelf products
- Using river or well water
- Meeting required quality



Mining

- Wastewater
- Environmentally friendly
- Remote operations
- Discharge, recycling and recovery

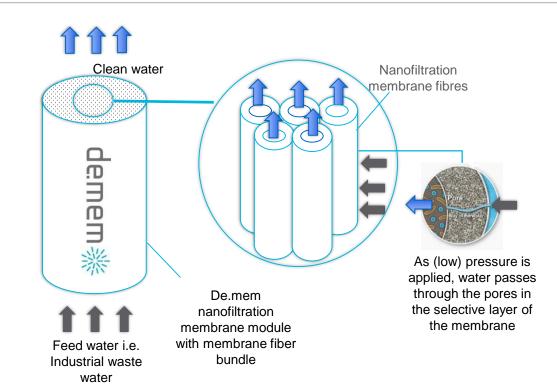




De.mem has partnered with Nanyang Technological University (Singapore), one of the leading water universities in the world

Unique Proprietary Low Pressure Membrane

- De.mem commercialises a novel low pressure hollow fibre nanofiltration (NF) membrane developed at NTU in Singapore
- The membrane can reduce power consumption by up to five times
- Significant reduction in operating cost and investment relative to traditional technologies
- De.mem plans to expand its portfolio of proprietary technologies in the coming months









NF Membrane Ready For Infield Validation

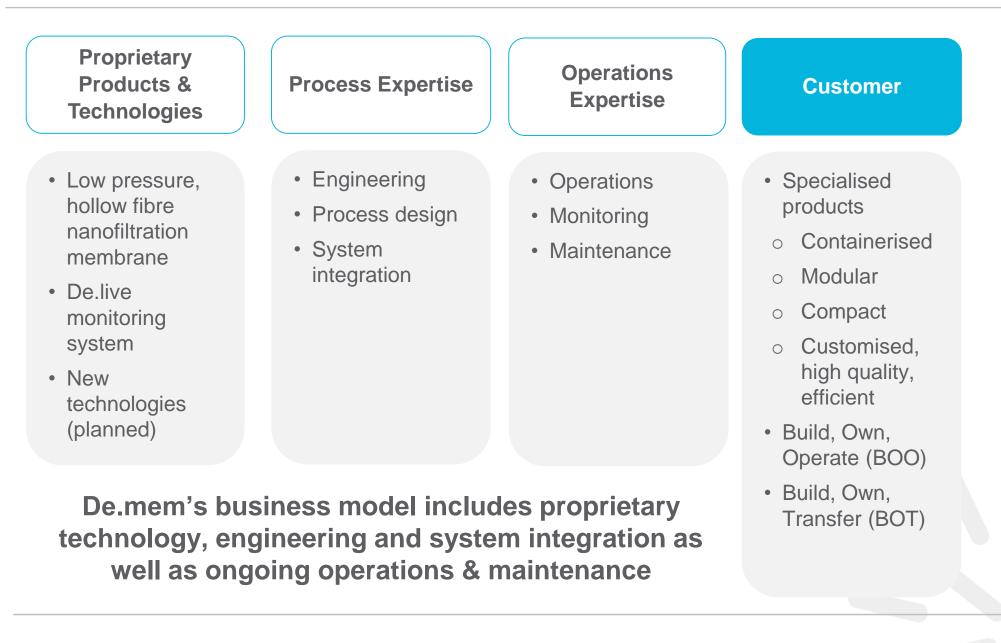
- Successfully tested on different types of water / wastewater streams since 2015
- First industrial sized module produced in April 2017
- Production of the NF membrane in pilot factory in Singapore to commence shortly
- Infield validation and implementation from Q3 2017 onwards



Professor Wang, Nanyang Technological University



Integrated Business Model



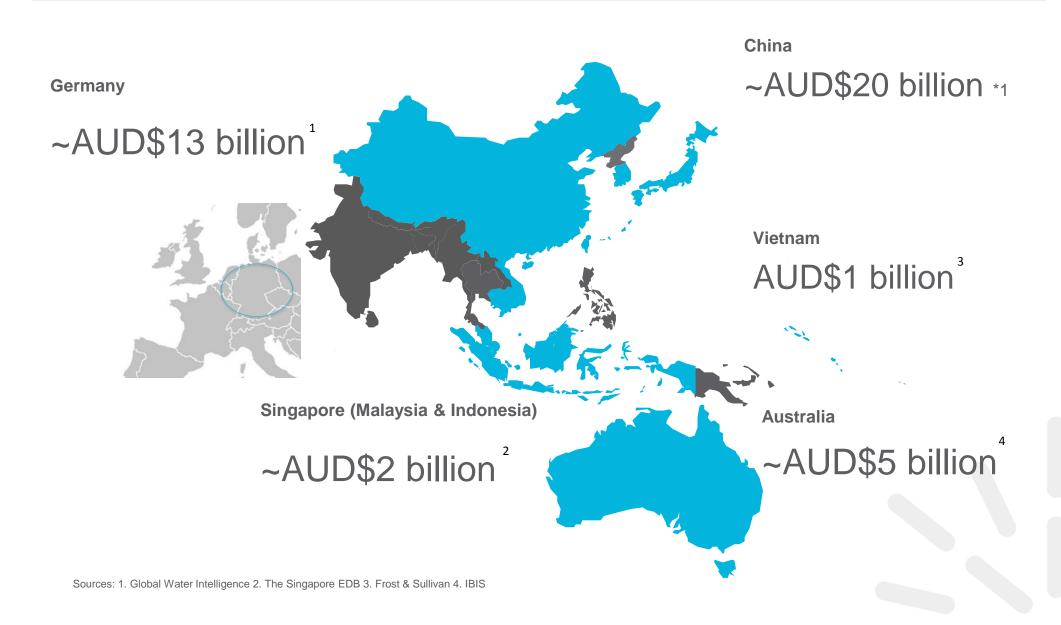


Highly Scalable Revenue Model

Build-Own-Operate or Build-Own-Transfer	Equipment sales	Pricing	Customer base
 De.mem owns the equipment 	Customer driven	 Flexible pricing structure 	 Multi-national corporations operating in high
 Long term contract with the customer 	 Opportunity for ongoing maintenance revenue 	 De.mem's pricing model allows the company and its customers to 	growth markets & high volume sectors
 Stable recurring revenue stream 		share those savings – providing a genuine win-win	 Clients with manufacturing presence in many countries
 High margin 		outcome	Countries



Expanding Into Growth Markets





85% of the total wastewater generated in urban areas in China should be treated and 20% of the treated wastewater should be reused

(China's Water Development Plan 2011-2015)

De.mem's pipeline of opportunities is growing rapidly and currently stands at

AUD\$10m+

and includes opportunities in China, Germany and Australia

Global Commercial Validation

Impressive pedigree of clients & completed projects in 2015 & 2016



Robust \$10m+ pipeline of opportunities for 2017 & 2018



China Currently evaluating partnership options



Germany

Pipeline projects in agriculture, food & beverage sectors, resort & spas



Australia

Pipeline projects in municipal & residential sector, food & beverage, agriculture, mining



Vietnam

Pipeline projects in municipal & residential sector, food & beverage



Singapore

Extensive pipeline in petrochemical, oil & gas, food & beverage, electronics sectors



Significant Leverage Play

Company	FY16 Revenue	Market Capitalisation (22.5.17)	Technology	Market Focus
Emefcy (ASX:EMC)	A\$0.8m (12 months to 31/12/16)	A\$220m	Aeration	Municipal waste water
Phoslock Water Solutions (ASX: PHK)	A\$1.9m (6 months to 31/12/16)	A\$67m	Chemicals that bind dissolved phosphate	Prevention of algae growth
De.mem (ASX:DEM)	A\$0.3m (12 months to 31/12/16)	A\$29m	Membranes	Industrial (across many sectors) & Municipal/ Residential Water and Waste Water



Experienced Board & Management Team



Cosimo Trimigliozzi | Chairman COO of Wild Flavors International Managing Director Givaudan Asia MBA, University of Basel, Switzerland



Bernd Dautel | Non-Executive Director Director New Asia Investments Managing Director Wieland Metals Asia Pacific

Master of Chemical Engineering, Karlsruhe University of Technology, Germany



Andreas Kroell | CEO and Director Director New Asia Investments Deutsche Bank Deloitte Corporate Finance MBA, University of Frankfurt, Germany



Stuart Carmichael | Non-Executive Director Partner & Director Ventnor Capital Executive Vice President UGL Limited (ASX:UGL) KPMG Corporate Finance Bcom. CA



Nicanor Suarin | Chief Engineer Hyflux Doosan Bachelor of Engineering, MBA, Philippines



Michael Edwards | Non-Executive Director

CEO Latitude Consolidated (ASX:LCD) Non-Executive Director Norwood Systems Limited (ASX:NOR) & Dawine Limited (ASX:DW8) BBus (Economics / Finance), BSc (Geology), Grad Dip (Oen)





Award of customer contracts

Expansion into key growth markets

M&A / Partnerships / JV's

Access to new technology / intellectual property

Why Invest?

Substantial market opportunity: global expenditure in wastewater sector expected to reach AUD\$125bn by the end of 2016¹ and the membranes market in particular forecast to be worth AUD\$43bn by 2020²



Established revenue generating business with a strong presence in emerging Asian markets (Singapore and Vietnam)

Patented technology licensed from a leading water technology university, software development and extensive know how providing significant barriers to entry

C

Strong activity pipeline with expansion into Australia, Germany and China during 2017 & further product development in progress including innovative NF membrane technology

Flexible revenue model and a low cost base: Existing projects providing stable cash flow and recurring service revenues Significant customer pipeline throughout Singapore and Vietnam and new markets of Australia, Germany and China





Appendix

Select Project Experience (Build-own-operate)

Factory of Swiss Multinational, Flavours Industry, Singapore



- Capacity: Up to 50 m3 per day
- Industrial waste water with high and varying COD content
- Limited availability of space requires containerised solution
- Currently in pilot phase

Factory of French Multinational, Electronics/Plating, Singapore



- Capacity: Up to 50 m3 per day
- Industrial waste water with high content of chemicals from plating process
- Using a customised treatment process designed by De.mem
- Operational in April 2016

Factory of Japanese Multinational, Electronics, Singapore



- Capacity: 1 m3 per day
- Industrial waste water with extremely high COD and ethanol content
- Using a customised treatment process designed by De.mem
- Operational in March 2016

Vinh Water Treatment Plant, Nghe An Province, Vietnam



- Project description: See previous slide
- De.mem operates the plant and sells water under a long term supply agreement
- Water is used for drinking by municipality and by nearby textile factory
- Commenced in January 2015



Select Project Experience (Equipment Sales)

Hanoi University of Agriculture Water Tr. Plant, Hanoi, Vietnam



- Capacity: Up to 2,000 m3
 per day
 - Using UF membranes
- Supplies the campus of the university
- Operational in December 2015
- System sales agreement worth approx. 170 k USD (2015)

Factory of Multinational Corporation, Oil & Gas, Singapore



- Capacity: Up to 10 m3 per day
- Industrial waste water with high oil content
- Using a customised treatment process designed by De.mem
- Operational in Dec 2015
- System sales agreement worth approx. 20 k SGD (2015)

Duc Hoa Water Treatment Plant, near Saigon, Vietnam



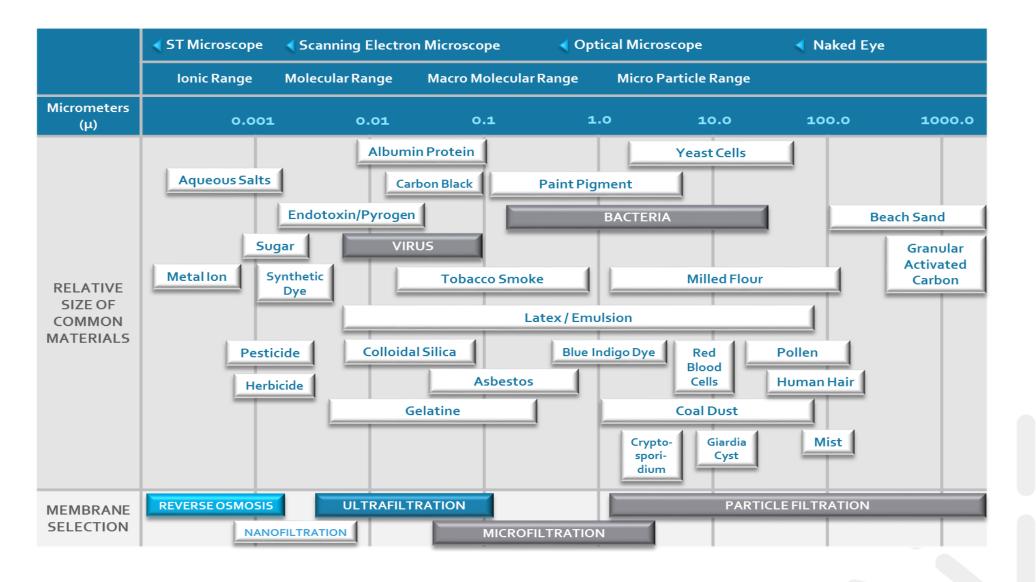
- Capacity: Up to 1,000 m3 per day
- Using UF, RO and advanced pre-filtration processes
- Supplies a nearby industrial park
- Operational in January 2015



- Vinh Water Treatment Plant, Nghe An Province, Vietnam
 - Capacity: Up to 1,000 m3
 per day
 - Using UF membranes
 - Supplies a municipality outside Vinh City with currently about 2,000 households connected
 - Operational in January 2015
 - EPC contract worth approx. 330 k USD (2014)



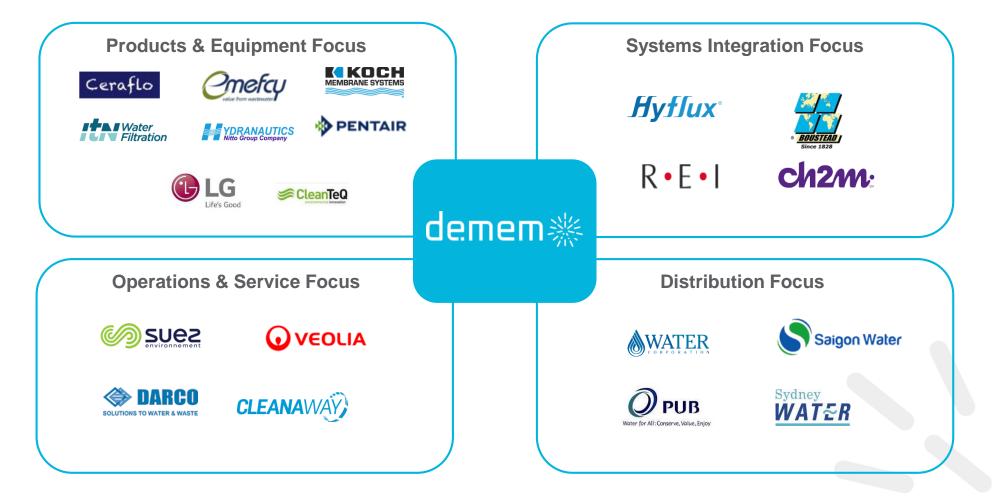
Filtration Spectrum





Competitively Positioned in a Fragmented Market

De.mem covers all aspects of the value chain in a fragmented market, providing end users with a cost effective, full service solution to manage their wastewater production capacity





Worldwide Press



It is backed by a range of proprietary technologies developed at Nanyang Technological University (NTU) in Singapore, one of the leading institutions in the water sector worldwide.



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