

Business Forums 2016

Desalination and Water Reuse Business Forum

“Seizing the future of water: Forging global inroads and opportunities”

Synopsis

Desalination and reuse technologies ride one of the most dynamic growth trends in the future of water supply. With the water reuse being a fast-growing segment of the \$50 billion wastewater sector, while the annual global capital expenditure for desalination expected to double from \$2.8 billion to over a whopping \$5 billion by 2020, the global outlook is brimming with bold advancements.

Buoyed by ongoing developments and emerging energy efficient technologies, desalination and reuse is becoming a viable additional source of water. This is particularly beneficial in regions prone to drought conditions and scarce rainfall, or where access to freshwater is a challenge. Similarly, the rise of effluent being viewed as a precious resource has spurred the growth of the reuse market with wide-ranging impact on the wastewater technology market. This paradigm shift has sparked growing interest in membrane bioreactor technologies and the adoption of MBR plants globally, particularly in rapidly industrialising countries like China.

The Desalination and Water Reuse Business Forum is jointly organised between PUB and the International Desalination Association, to provide a platform for utilities and technology leaders to gather and share interesting business opportunities and latest technology trend in the desalination and water reuse markets. The first session of the forum will delve into the upcoming desalination and water reuse project opportunities. Major announcements such as Jordan’s US\$10 billion red sea-dead sea pipeline and desalination project, Saline Water Conversion Company’s desalination strategies & investment opportunities for new desalination plants (e.g. Rabigh 3, Jeddah 4, Jubail 3 & Haql 3) & rehabilitation of existing plants will be shared at the session. Other projects such as Hong Kong’s Tseung Kwan O desalination plant and America’s Water Reuse initiatives will also be announced at the forum.

The second session of the Forum will showcase successful innovative desalination and water reuse technologies. Technology leaders will shed light on the next generation desalination and reuse technologies such as the Low Energy Desalination, as well as the challenges and solutions for desalination pilot plant powered by renewable energy.

¹[Global Water Intelligence’s \(GWI\) Global Water Market Report 2017](#)

Programme

DESALINATION AND WATER REUSE BUSINESS FORUM	
Time	Description
2.00pm	Welcome Address Dr Emilio Gabbrielli , President, International Desalination Association and Director, Overseas Business Development, Global Sales Water Treatment, Toray
Session 1: Opportunities in Desalination and Water Reuse Markets	
2.05pm	Overview of the Challenges and Opportunities in Desalination and Water Reuse Markets Mr Leon Awerbuch , President & Chief Technology Officer, Leading Edge Technologies Ltd; Board Director of International Desalination Association (IDA), and Chairman, IDA’s Technical Programme Committee
2.10pm	The Business Opportunities in Desalination in the Kingdom of Saudi Arabia Eng. Abdullah Al-Breakeit , Deputy Governor, Projects and Technical Affairs, Saline Water Conversion Corporation Additional Material - To Download (date and numbers subject to change)

Business Forums 2016

Desalination and Water Reuse Business Forum

2.20pm	Water Reuse Project Opportunities in United States Ms Cindy Wallis-Lage , Board Treasurer, WaterReuse Association & Research Foundation and President (Water Business), Black & Veatch Additional Material - To Download
2.30pm	Desalination Option for Provision of Drinking Water to Jaffna, Sri Lanka Eng. Thilina Senani Wijetunge , Deputy General Manager, National Water Supply & Drainage Board Additional Material - To Download
2.40pm	Closing Remarks for session 1 Mr Leon Awerbuch , President & Chief Technology Officer, Leading Edge Technologies Ltd; Board Director of International Desalination Association (IDA), and Chairman, IDA's Technical Programme Committee
2.50pm	Networking Tea
Session 2: Showcasing of successful Desalination and Water Reuse Technologies/Projects	
3.05pm	Partnering to Create The Next Breakthrough in Desalination – NEXED™ Electrochemical Desalination Mr Ronald Keating , Chief Executive Officer, Evoqua Water Technologies Additional Material - To Download
3.15pm	SUEZ: Sustainable Solutions for Desalination and Water Reuse Mr Miguel Angel Sanz , Director of Strategic Development, Suez and Board Director of International Desalination Association Additional Material - To Download
3.25pm	Masdar's Renewable Energy Seawater Desalination Programme Mr Mohammad El Ramahi , Director, Asset Management, Engineering and Operations, Masdar Additional Material - To Download
3.35pm	Showcase of ROPV Technology for Desalination Ms Hattie Wang , Vice President (Global Market), Harbin ROPV Industry Development Center
3.45pm	Panel Discussion Moderated by Mr Leon Awerbuch , President & Chief Technology Officer, Leading Edge Technologies Ltd; Board Director of International Desalination Association (IDA), and Chairman, IDA's Technical Programme Committee <ul style="list-style-type: none"> • Mr Ronald Keating, Chief Executive Officer, Evoqua Water Technologies • Mr Miguel Angel Sanz, Director of Strategic Development, Suez and IDA's Board Director • Mr Mohammad El Ramahi, Director, Asset Management, Engineering and Operations, Masdar • Ms Hattie Wang, Vice President (Global Market), Harbin ROPV Industry Development Center
4.10pm	Questions and Answer
4.30pm	End

Programme updated as of 10 July 2016. Please check out this website for the latest updates.

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Speakers



Ms Cindy Wallis-Lage

Board Treasurer, WaterReuse
Association & Research Foundation
President (Water Business), Black
& Veatch



Mr Ronald Keating

Chief Executive Officer
Evoqua Water Technologies



Ms Hattie Wang

Vice President (Global Market)
Harbin ROPV Industry
Development Center



Dr Emilio Gabrielli

President, International
Desalination Association
Director, Overseas Business
Development, Global Sales Water
Treatment, Toray



Mr Leon Awerbuch

President & Chief Technology
Officer, Leading Edge
Technologies Ltd, Board Director
of International Desalination
Association

Chairman, International
Desalination Association's
Technical Programme Committee



Mr Mohammad El Ramahi

Director (Asset Management,
Engineering and Operations)

Masdar

Business Forums 2016
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Eng Thilina Senani Wijetunge

Deputy General Manager

National Water Supply & Drainage
Board



Eng. Abdullah Al-Breakeit

Deputy Governor, Projects and
Technical Affairs

Saline Water Conversion
Corporation



Mr Miguel Angel SANZ

Director of Strategic Development

Treatment Infrastructure, SUEZ