



SINGAPORE INTERNATIONAL WATER WEEK

ONLINE



18 – 19 November 2020



9:00am – 6:30pm SGT (GMT +8)

Advancing Innovations through Partnerships: The Singapore Experience

19 November 2020, Thursday | 3.00pm – 4.30pm SGT (GMT +8)

Co-organised with



About this webinar

Singapore has turned its water scarcity from a vulnerability to a strength, with a vibrant and innovative water ecosystem underpinning efforts to ensure long-term water sustainability for this island city state. Despite making significant progress, challenges such as rising water demand and increasing energy and sludge footprints remain.

The Singapore water industry strives continuously to innovate and leverage new technologies to address Singapore's water challenges. Initiatives such as the Singapore Water Exchange, which is an ecosystem of different water companies in the value chain, help to connect stakeholders, facilitate collaborations and co-create solutions. This webinar, co-organised with the Singapore Water Association, will examine Singapore's efforts to develop its water and innovation landscape, and how partnerships across diverse stakeholders within the ecosystem are advancing innovations for water sustainability.

Why you should attend

Hear from different players in the Singapore water industry as they share about opportunities in Singapore and how Singapore serves as a gateway to the regional market

Gain insights on how Singapore creates the right environment for companies to grow and develop solutions to tackle water-related challenges

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Programme

3.00pm	Welcome Remarks by Singapore International Water Week Ryan Yuen, Managing Director, Singapore International Water Week
3.05pm	Welcome Address Chew Men Leong, President, Singapore Water Association
3.10pm	Singapore's Water Innovation Landscape Michael Toh, Director, Industry & Technology Collaboration Department, PUB, Singapore's National Water Agency
3.25pm	Innovation in the Global Perspective Dr Piers Clark, Chairman, Isle Utilities
3.35pm	Panel Discussion Panelist <ul style="list-style-type: none">• Scott Bryan, President, Imagine H2O• Dr Chiu Kuang Ping, Council Member, Singapore Water Association; Executive Director, AECOM Singapore• Foo Say Tun, Chief Executive Officer, ZWEEC Analytics• Leela Krishna, Co-founder and Chief Business Officer, SpaceAge Labs• Eric Stacey, Vice President and General Manager of Echologics, Mueller Water Products Moderator <ul style="list-style-type: none">• Dr Piers Clark, Chairman, Isle Utilities
4.15pm	Questions and Answers
4.25pm	Closing by Singapore International Water Week Ryan Yuen, Managing Director, Singapore International Water Week
4.30pm	End of Webinar

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Speakers



PIERS CLARK

Chairman
Isle Utilities

Piers is Chairman of the Isle Group. Isle is a technical, specialist water consultancy with offices in the UK, the Netherlands, Italy, Germany, the USA, Australia, Singapore and Abu Dhabi. Isle works with over 250 utilities around the world.

Piers was previously the Managing Director for the private equity fund Global Water Development Partners (GWDP), a Blackstone portfolio company. From 2010-2014 he was the Commercial Director at Thames Water, the largest of the UK water companies. Piers was responsible for all of Thames Water's non-regulated business activities. Piers also served as Interim Asset Management Director for Thames Water. Prior to joining Thames Water, Piers was Managing Director of Mouchel's Regulated Industries leading a team of 3,000 staff providing engineering consultancy and operational maintenance services in the water, energy, environment and rail sectors.

In 2006, Piers helped establish an innovative funding mechanism for technology companies, called TAG (Technology Approval Group). TAG bridges the gap between venture capital investors and the water company end-users and has resulted in over \$1bnmillion being invested in water-related cleantech companies in recent years.

Piers has a PhD in Civil Engineering.



CHEW MEN LEONG

President, Singapore Water Association

Chew Men Leong joined ST Engineering in Nov 2016 and assumed the role of Deputy President and President (Defence Business) of ST Engineering Marine Ltd. In his role, he oversees defence business and environmental engineering services for the company. He has also assumed the role of Chief Marketing Officer for ST Engineering from Jun 2017 and oversees marketing for the group.

Men Leong was a former civil servant, member of the Administrative Service and former Chief of Navy.



SCOTT BRYAN

President
Imagine H2O

Scott provides overall operations oversight and strategic direction for Imagine H2O, the global water innovation accelerator. Since 2019, Scott has supported the organization's expansion into Southeast Asia with the launch of Imagine H2O Asia.

Prior to joining Imagine H2O, Scott developed sustainable and impact investment strategies for institutional and private clients at Royal Bank of Canada and Piper Jaffray. Scott initially joined Imagine H2O's volunteer team in 2008 through his involvement with the Full Circle Fund's Energy and Environment Circle.

Scott also serves on the advisory board of Vida Verde Nature Education in Half Moon Bay. He has a BA in Economics from the Colorado College.



DR CHIU KUANG PING

Council Member, Singapore Water Association
Executive Director - AECOM Singapore

Dr Chiu has over 20 years' experience in water and wastewater treatment technologies, concept design, and project management. She obtained her PhD in Civil Engineering from Purdue University in the US and has project experiences in North America, Middle East and Asia Pacific. She is a certified PMP, a PE of California in the US and a certified LEED AP. She has 3 patents and more than 30 journal and conference papers.

Her experience of advanced water and wastewater treatment includes membrane, water reuse, desalination, UV, and disinfection. She is also involved in resource recovery and waste management projects that are critical components of circular economy loops.





FOO SAY TUN

Chief Executive Officer
ZWEEC Analytics

Say Tun is the CEO of ZWEEC Analytics Pte Ltd. A lawyer by training and having practiced law for nearly 20 years, Say Tun is also an independent director of several public listed companies in Singapore.



LEELA KRISHNA

Co-founder and Chief Business Officer
SpaceAge Labs

Mr Leela Krishna Sriramula is the Co-founder and Chief Business Officer at SpaceAge Labs, a IOT company reimagining operations and maintenance of distributed assets in the Water and Environment sector using sensors, low-power wireless devices and AI/ Machine learning. Before SpaceAge, he worked for 11+ years at PUB, National Water Agency of Singapore, and was involved in managing different aspects of water through different roles like construction project management, sewer network rehabilitation, water reclamation, leak detection of water supply network to reduce NRW and technology deployment. He is also a part-time trainer and conducts a 2-day executive master class course on Smart Water Management using IOT and AI/Machine learning.



ERIC STACEY

Vice President and General Manager of Echologics
Mueller Water Products

Eric Stacey is the Vice President and General Manager of Echologics, part of Mueller Water Products. Since joining Echologics in 2013, Eric served in several roles from Product Manager to Director of Operations and Financial Planning & Analysis. In this time, Eric has been focused on developing and executing on the company's multi-year strategic plan, including commercially launching and growing the fixed leak detection product lines.

Previously, Eric was a Senior Investment Analyst with XPV Water Partners, a water-focused venture capital firm. During this time, he gained extensive experience with financial modeling, due diligence, valuation, equity financing, and acquisitions. Additionally, Eric worked with the firm's portfolio companies on capital planning, strategy execution and financial reporting to their boards of directors.

Prior to venture investing, Eric spent 9 years with GE Power & Water in various positions of increasing responsibility in both sales and operations related to high-tech water treatment technologies.

Eric holds a Bachelor of Engineering from McMaster University, a Masters of Business Administration from The University of Toronto, and is a registered Professional Engineer.



MICHAEL TOH

Director, Industry & Technology Collaboration Department
PUB, Singapore's National Water Agency

Michael is currently Director of Industry & Technology Collaboration Department in PUB.

As part of PUB's Senior Management team, he leads the Department to foster collaborations with industry stakeholders to drive the deployment of technologies at municipal scale and support the growth of the industries to ensure PUB's continued access to these technologies.

Prior to this appointment, Michael was the Chief Information Officer (CIO) of PUB. Besides ensuring a reliable & secure ICT infrastructure throughout PUB so that efficient and effective services are provided, Michael was responsible for the development of SMART technologies across PUB; and the implementation of robust cybersecurity strategies and measures to safeguard PUB's operations.

Before that, he also served as the Director of Water Supply Network Department, which is responsible for the planning, development, operations and maintenance of the water supply network; as well as the management of water demand in Singapore.



About the Singapore International Water Week



The Singapore International Water Week (SIWW) is the global platform to share and co-create innovative water solutions. The biennial event gathers stakeholders from the global water industry to share best practices, showcase the latest technologies and tap business opportunities. SIWW is part of the strategic programme of the Singapore Government to grow the water industry and develop water technologies.

About Singapore Water Association



Having been a strategic partner for SIWW in the last decade, the Singapore Water Association (SWA) has worked closely with PUB to strengthen the presence of Singapore companies in the water industry globally.

SWA was formed in 2004 as a trade association to represent and promote the interests of Singapore companies in the local water sector. It plays a significant role in developing a vibrant and dynamic water cluster; and aspires to promote Singapore as the regional hub for all water-related services and technologies. It also provides a platform for collaboration and the exchange of ideas and knowledge and it serves as an important link for Singapore companies to the international water network by strengthening their presence in the global market. To date, we have 264 members from an initial 9-Founding members.

About Singapore Water Exchange



Singapore Water Exchange (SgWX) is a dedicated space to further the growth of the vibrant and dynamic water industry in Singapore. Launched in Jul 2018 at the Singapore International Water Week, SgWX is a specialised development designed to provide an integrated and conducive environment for water companies to operate and collaborate. It houses a vibrant ecosystem of water-related companies to accelerate water innovation and commercialization.

