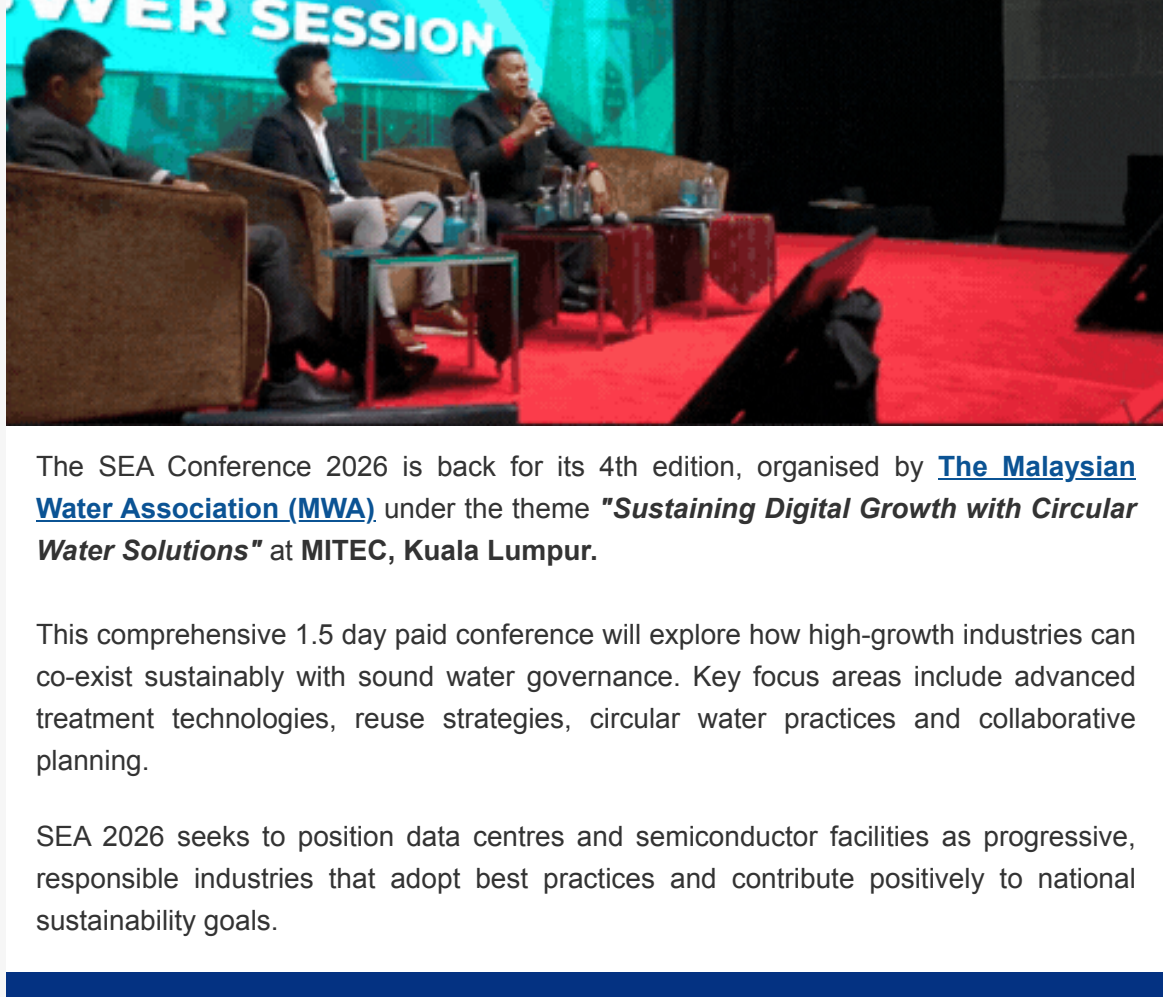


Join SEA Conference 2026 and Be Part of MWA Pavilion



The SEA Conference 2026 is back for its 4th edition, organised by [The Malaysian Water Association \(MWA\)](#) under the theme “*Sustaining Digital Growth with Circular Water Solutions*” at MITEC, Kuala Lumpur.

This comprehensive 1.5 day paid conference will explore how high-growth industries can co-exist sustainably with sound water governance. Key focus areas include advanced treatment technologies, reuse strategies, circular water practices and collaborative planning.

SEA 2026 seeks to position data centres and semiconductor facilities as progressive, responsible industries that adopt best practices and contribute positively to national sustainability goals.

SEA 2026 OPENING AND CONFERENCE PROGRAMME

DAY 1: 27 AUGUST 2026 (THURSDAY)

8:30 AM – 9:00 AM	Registration and Arrival of Delegates
9:15 AM – 9:30 AM	Announcing the Arrival of the Guest of Honour YAB Datuk Amar Haji Fadillah bin Haji Yusof Deputy Prime Minister and the Minister of Energy Transition and Water Transformation (PETRA) Malaysia National Anthem – Negaraku Doa Recitation
SPEECHES & OFFICIAL OPENING	
9:30 AM – 9:40 AM	Welcome Remarks Ms. Karen Goi Project Director, Derrisen Sdn Bhd
9:40 AM – 9:50 AM	Opening Address Mr. Mohamad Hairi bin Basri President, The Malaysian Water Association (MWA)
9:50 AM – 10:10 AM	Special Address and Launching of SEA 2026 YAB Datuk Amar Haji Fadillah bin Haji Yusof Deputy Prime Minister and the Minister of Energy Transition and Water Transformation (PETRA)
10:10 AM – 10:15 AM	Ceremonial Opening
10:15 AM – 10:25 AM	Presentation of Token of Appreciation at SEA Conference 2026
10:25 AM – 10:30 AM	Photo Opportunities
10:30 AM – 10:55 AM	VIP Tour at SEA 2026 / Morning Coffee Break

KEYNOTE ADDRESS 1

11:00 AM – 11:25 AM (25 mins.)	Topic: <i>Eco-Shift Governance: Overcoming Geopolitical and Inter-State Jurisdictional Barriers for Transboundary Watershed Protection</i> Speaker: Prof. Emeritus Dato’ Seri Ir. Dr. Zaini Ujang Chairman of the Malaysian Qualifications Agency (MQA), Professor Emeritus (UTM) and former Secretary-General of five ministries (including the Ministry of Environment and Water)
-----------------------------------	--

KEYNOTE ADDRESS 2

11:30 AM – 11:55 PM (25 mins.)	Topic: <i>RM20 Billion Commitment: Financing Malaysia's Circular Economy Transition</i> Message Focus: Insights into how banking institutions structure large-scale sustainability-linked loans, ESG risk-assessment models and green bonds required to bankroll capital-intensive circular infrastructure projects (such as industrial greywater networks and zero-potable data centres). Speaker: Hong Leong Bank Berhad
-----------------------------------	--

ESG Frameworks and Green Financing Incentives

12:00 PM – 12:20 PM (20 mins. including Q&A)	Topic: <i>Government Incentives and Facilitation for Circular Economy Investments</i> Message Focus: Insights into MIDA's current and upcoming tax incentives, green investment grants and facilitation frameworks designed to encourage utilities, heavy industries and tech operators to invest in closed-loop systems, alternative water sourcing and energy-efficient infrastructure. Speaker: Malaysian Investment Development Authority (MIDA)
12:20 PM – 12:40 PM (20 mins. including Q&A)	Topic: <i>Financing National Water Security: Mobilising Malaysia's First Blue Finance and Sustainable Sukuk Framework</i> Message Focus: Insights into how PAAB's progressive Sustainable Islamic Finance Framework can be actively leveraged to securitise national water assets and how state-level operators can utilise sustainable bonds/sukuk to fund capital-intensive circular projects, such as dedicated industrial greywater networks and zero-potable utility systems. Speaker: Y'bhg. Dato' Seri Ir. Jaseni bin Maidinsa Chairman, Pengurusan Aset Air Berhad (PAAB)
12:40 PM – 1:00 PM (20 mins. including Q&A)	Topic: <i>From Compliance to Competitiveness: How Industry Can Lead the Circular Economy Transition</i> Message Focus: Insights into how CIBD frameworks, green building mandates and sustainable construction codes can guide developers and contractors to shift from baseline regulatory compliance to a competitive market advantage. The session will explore practical execution pathways, including utilising industrial-grade alternative water systems, on-site rainwater retention structures and circular material procurement within industrial megaprojects. Speaker: Sr. Ahmad Farrin Mokhtar Chief Executive Officer, CIBD Construction Industry Development Board (CIBD) Malaysia
1:00 PM – 2:00 PM	Networking Lunch

Water Security, Industrial and Infrastructure Integration

2:05 PM – 2:25 PM (20 mins. including Q&A)	Topic: <i>Future-Proofing the Supply Chain: Integrating Alternative Water Sourcing and Circular Systems for Next-Generation Industrial Corridors</i> Message Focus: As industrial demands rise, relying solely on pristine municipal tap water is unsustainable. This session would explore how PAIP is planning for the future by mapping out industrial circularity – such as recycling industrial process water, exploring dedicated raw water transfer schemes and establishing dual-tier infrastructure to preserve treated drinking water for the public while feeding high-growth economic hubs. Speaker: YH. Dato' Saiful Zaini bin Mohd Bokhari Chief Executive Officer, Pengurusan Air Pahang Berhad (PAIP)
2:30 PM – 2:50 PM (20 mins. including Q&A)	Topic: <i>Closing the Infrastructure Gap: Circular Approaches to Water and Wastewater Systems in the Philippines</i> Message Focus: An operational and strategic examination of how circular models can accelerate infrastructure development and reduce utility vulnerability. Drawing from the Philippine experience, the presentation will focus on the practical deployment of advanced wastewater treatment, centralised and decentralised reclamation loops and nature-based solutions to build climate-insulated utility networks that can support rapid economic and tech-sector growth. Speaker: Dr. Dickson San Juan Vice President for National Affairs, Philippine Water Works Association (PWWA)
2:55 PM – 3:15 PM (20 mins. including Q&A)	Topic: <i>Optimising the Loop: Modernising Legacy Sewerage Infrastructure to Support Decentralised Water Reclamation</i> Message Focus: An operational and engineering examination of upgrading Malaysia's extensive network of decentralised sewage treatment plants (STPs). The presentation will address the technical strategies required to standardise effluent quality to meet strict industrial and non-potable urban reuse standards, alongside the infrastructure logistics needed to establish viable, localised water circularity networks. Speaker: Ir. Ts. Hj. Mohamed Haniffa Hj. Abdul Hamid Senior Advisor (Technology & Innovation), Minconsult Sdn Bhd

Driving Innovation for a Sustainable Circular Economy

3:20 PM – 3:40 PM (20 mins. including Q&A)	Topic: <i>Successful IWK Resource Recovery Pilot Project Case Studies</i> Message Focus: Show how IWK's successful pilot projects demonstrate the real-world value of resource recovery, turning wastewater into reusable water and other valuable outputs that support circular economy goals, operational efficiency and sustainable urban resilience. Speaker: Ir. Hj. Mohd Taufik Salleh Chief Operating Officer, Indah Water Konsortium Sdn Bhd
3:45 PM – 4:05 PM (20 mins. including Q&A)	Topic: <i>Water Innovation for Sustainable Growth: Singapore Solutions for ASEAN</i> Message Focus: Singapore's experience in integrating advanced water recycling, desalination, digital monitoring and circular resource management offers practical, scalable models for ASEAN countries facing rising water stress and rapid urbanisation. This presentation will highlight how innovation-driven policies, technology adoption and cross-sector partnerships can accelerate sustainable growth and strengthen regional water security. Speaker: Singapore Water Association (SWA)
4:10 PM – 4:30 PM (20 mins. including Q&A)	Topic: <i>Waste as a Commodity: Unlocking Value through Circular Technologies</i> Message Focus: Redefining traditional industrial and municipal waste streams as high-value tradable assets. The presentation will explore how advanced circular technologies and material flow analysis can be deployed to eco-treatment by-products – such as converting wastewater sludge into process-materials or capturing industrial waste streams – into viable commercial commodities that align with Malaysia's Circular Economy Blueprint. Speaker: Dr. S. Sri Umeswara CEO/Managing Director, Smart Circularity Sdn Bhd
4:35 PM – 4:55 PM (20 mins. including Q&A)	Topic: <i>Securing the Industrial Engine: Scaling Reclaimed Water and Non-Potable Infrastructure for High-Density Tech Corridors</i> Message Focus: A strategic and operational walkthrough of how state utility operators can build and expand dual-tier distribution systems to support intensive tech corridors. The session will focus on the deployment of reclaimed water networks for data centre cooling and industrial processes, strategies to preserve treated drinking water supplies for domestic consumption and the commercial frameworks required to scale non-potable utility infrastructure in high-growth regions. Speaker: Ranhill SAJ Sdn Bhd
5:00 PM – 5:30 PM	Refreshment / End of Day 1 of SEA Conference 2026
6:00 PM – 8:00 PM	Networking Night

DAY 2: 28 AUGUST 2026 (FRIDAY)

REGIONAL REGULATORY PERSPECTIVES

9:00 AM – 9:20 AM (20 mins. including Q&A)	Topic: <i>Regulatory Pathways to Circularity: Balancing Utility Costs, Tariffs and Industrial Demand</i> Message Focus: A regulatory overview of structuring fair tariffs and cost-sharing models between utilities and private developers to fund long-term water circularity without increasing burdens on everyday consumers. Speaker: Puan Izan Aziati Samsuri Executive Director of the Economy Division, Suruhanjaya Perkhidmatan Air Negara (SPAN)
9:25 am – 9:45 am (20 mins. including Q&A)	Topic: <i>Manila Water's Journey Towards Water Sustainability: Lessons in Sustainable Tariffs and Resilient Water Management</i> Message Focus: This session will share Manila Water's experience in advancing water sustainability through responsible utility management, long-term infrastructure investment and sustainable tariff mechanisms. The presentation will explore how a balanced tariff framework supports reliable water services, financial sustainability and continuous investment in resilient water infrastructure while meeting growing urban and industrial demand. Speaker: Manila Water

CROSS-SECTOR STAKEHOLDERS ROUNDTABLE “Breaking Institutional Silo: Balancing the Demands of Digital Growth, Public Utilities and Regional Water Security”

9:50 AM – 10:40 AM (50 mins. including Q&A)	Message Focus: A high-level, cross-sectoral discussion among industrial stakeholder leaders on the challenges and opportunities for accelerating the circular economy in Malaysia. This is the capstone event of the conference. Panellists: - Pengurusan Air Selangor Sdn Bhd - Manila Water - Representative from India
10:40 AM – 11:00 AM	Morning Coffee Break

Data Centre Circular Economy, Challenges and Solutions

11:05 AM – 11:25 AM (20 mins. including Q&A)	Topic: <i>Reclaimed Water Supply Chains: Supporting Data Centres through Water Circularity</i> Message Focus: Insights into the operational, financial and technical logistics of building dedicated, large-scale industrial reclaimed water distribution networks. The presentation will cover how Air Selangor is strategically partnering with hyperscale data centres and heavy industries to substitute potable water usage with high-grade industrial effluent, thereby freeing up municipal capacity, mitigating supply chain risks and embedding true water circularity into the state's economic infrastructure. Speaker: Ir. Hj. Ainul Azhar b Mohd Jemoner Head of Department, Pengurusan Air Selangor Sdn Bhd
11:30 AM – 11:50 AM (20 mins. including Q&A)	Topic: <i>Cooling Technologies: Water, Air, Liquid Immersion and What Comes Next</i> Message Focus: A comprehensive technical evaluation of evolving cooling paradigms for hyperscale facility design. The presentation will compare traditional evaporative water cooling, air cooling, direct-to-chip and liquid immersion systems in high-density environments. The session will highlight the engineering trade-offs between PUE and WUE, closed-loop cooling configurations and next-generation design strategies to minimise regional water footprints while maintaining zero-downtime reliability. Speaker: Mr. Lye Yit Tho Vice President of Design Delivery, Bridge Data Centres
11:55 AM – 12:15 PM (20 mins. including Q&A)	Topic: <i>Data Centre Circular Economy: What Global Hyperscalers Are Committing To – and What They Need from Malaysia</i> Message Focus: Insights into how global tech leaders design low-Water Usage Effectiveness (WUE) cooling systems and implement advanced circular water loops. The session will highlight what hyperscalers require from local water authorities and state governments to scale these initiatives – such as ready access to non-potable-grade reclaimed effluent, clear regulatory pathways for non-potable water reuse and robust utility partnerships that protect municipal drinking water resources while supporting digital growth. Speaker: Mr. Gunalan Kaniasan Water Infrastructure Manager, Asia Pacific, Amazon Asia-Pacific Resources Pte Ltd, Singapore

CONFERENCE WRAP UP & CLOSING REMARKS

12:20 PM – 12:25 PM	Delivered by a senior MWA official, summarising the key outcomes and action points from the conference, including the presentation of the SEA 2026 Action Plan for a Circular Economy.
12:30 PM – 2:00 PM	Networking Lunch / End of SEA Conference 2026

CONFERENCE REGISTRATION FEES

**All prices listed is INCLUSIVE of 8% SST*

REGISTRATION CATEGORIES	EARLY BIRD RATE (Until 10 August 2026)	NORMAL RATE (From 11 August 2026)
MWA Members & Government Agencies	RM 972.00 / pax	RM 1,188.00 / pax
Non - Member & International	RM 1,296.00 / pax	RM 1,512.00 / pax

3% DISCOUNT
FOR REGISTRATION OF
THREE (3) OR MORE
DELEGATES

HRDC Claimable



Join SEA Conference 2026 where industry leaders converge to shape a greener future. The event will offer a comprehensive overview of ongoing initiatives, policy directions and innovative solutions that address environmental challenges while supporting industrial and economic development in the region.

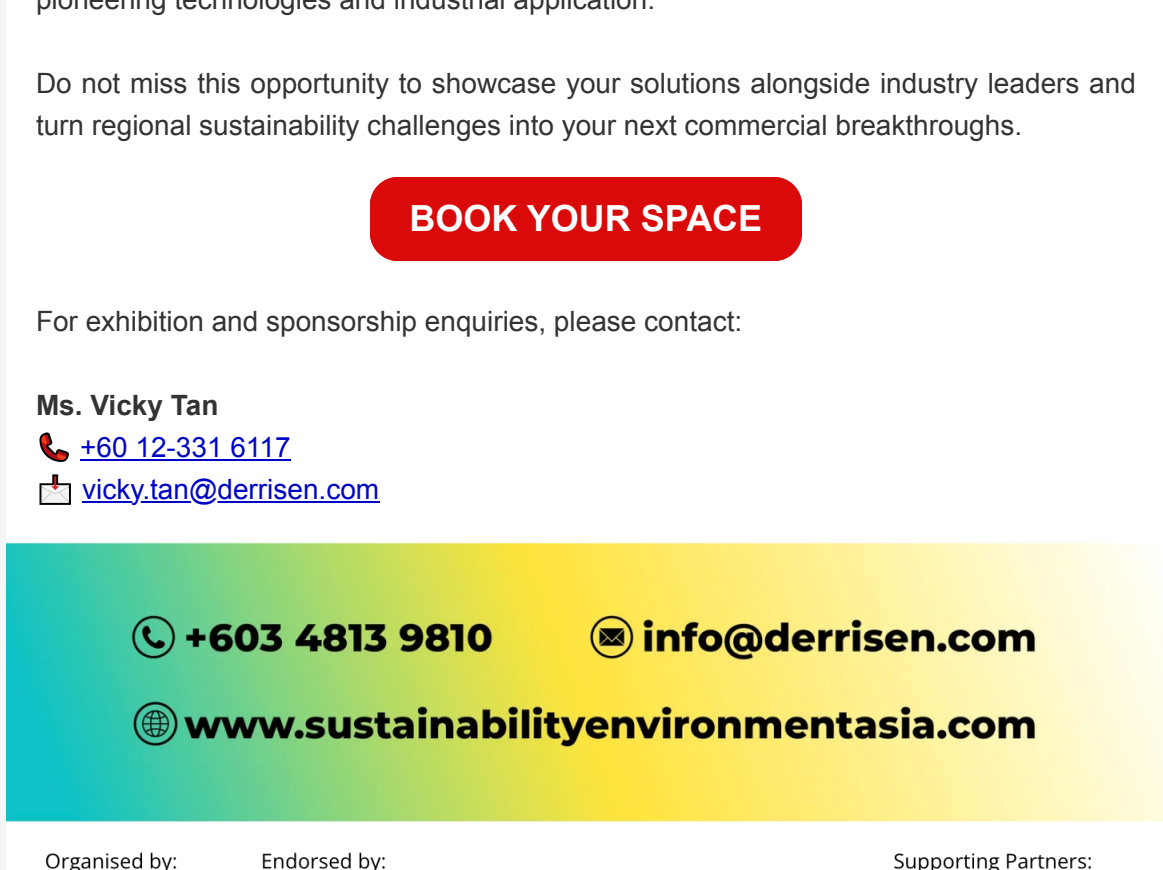
REGISTER HERE

For enquiries, please contact MWA Secretariat:

Mr. Hafis Mahmud (Registration & Enquiries)
011 1142 9187 ([whatsapp](#))
hafis@mwaw.org.my

Mr. Amir Idham (Invoice & Payment)
018 363 8378 ([whatsapp](#))
accounts@mwaw.org.my

BE PART OF MWA PAVILION



Accelerate the Future of Water Industry at SEA 2026 under [The Malaysian Water Association \(MWA\) Pavilion](#). Exhibiting within this dedicated pavilion positions your business at the center of regional water innovation. This is more than just a regular trade fair, it is a highly collaborative marketplace designed to bridge the gap between pioneering technologies and industrial application.

Do not miss this opportunity to showcase your solutions alongside industry leaders and turn regional sustainability challenges into your next commercial breakthroughs.

BOOK YOUR SPACE

For exhibition and sponsorship enquiries, please contact:

Ms. Vicky Tan
+60 12-331 6117
vicky.tan@derrisen.com

Organised by:  Endorsed by:    Supporting Partners:  

Supporting Associations:               

Media Partners:

Featuring:

Supporting Airline Partners:

Received this as a forwarded email?
Join our [mailing list](#) now!

Share this E-Newsletter to

Follow us

