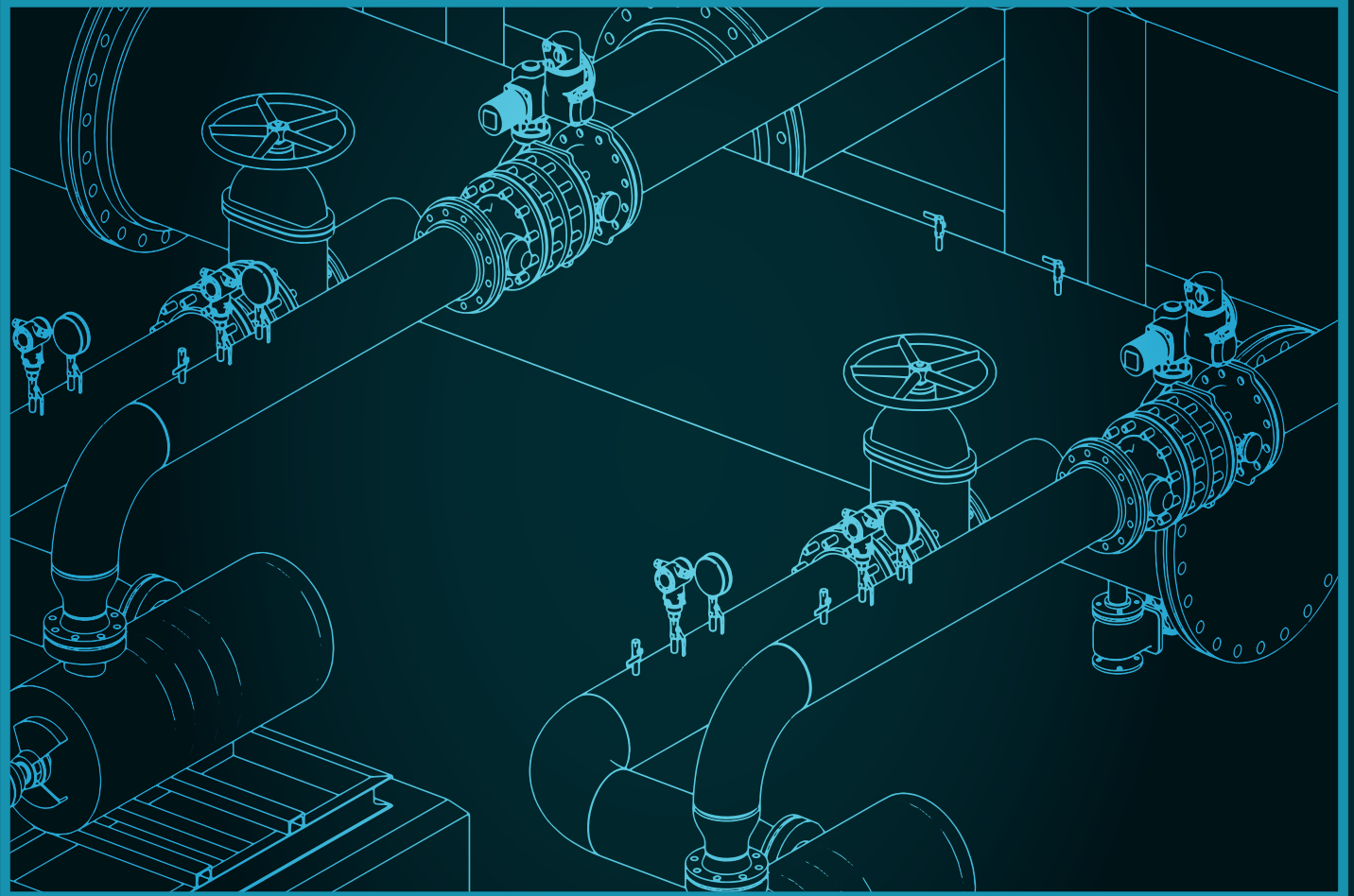


# Pipe Planning, Maintenance & Upgrades

12<sup>TH</sup> – 13<sup>TH</sup> November 2025 | JW Marriott, Kuala Lumpur



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## EVENT OVERVIEW

Pipes are the unseen backbone of Malaysia's urban, industrial, and municipal infrastructure—responsible for transporting essential resources like water, gas, and chemicals through complex building systems, utility corridors, and underground networks. Yet, poor planning, aging infrastructure, and reactive maintenance practices have led to frequent service disruptions, public safety hazards, and rising repair costs. In 2021 alone, Pengurusan Air Selangor (Air Selangor) recorded over 1,400 pipe bursts, resulting in significant treated water losses and impacting residents across the Klang Valley. A major burst in Rawang in December 2020 affected over 1.2 million account holders, triggering widespread frustration and highlighting the urgent need for a more resilient pipe infrastructure.

These failures are often driven by a combination of aging materials, soil movement, poor installation quality, and insufficient inspection protocols. Leakages, corrosion, joint failures, and pressure imbalances have become common in both public and private sector systems—ranging from municipal water lines to internal building piping and industrial utility networks. Compounding this issue is the lack of comprehensive digital asset management, which limits the ability of facility owners and municipalities to identify risks early and plan upgrades efficiently.

To future-proof Malaysia's pipe systems, the focus must shift from reactive repairs to predictive, data-driven maintenance and long-term upgrade planning. This includes adopting digital twins, smart pressure sensors, GIS-based asset mapping, and stricter construction and zoning codes. The **Pipe Planning, Maintenance & Upgrades** conference by **Trueventus** will bring together industry leaders to share case studies, technologies, and actionable strategies tailored to Malaysia's evolving infrastructure needs—making it a critical platform for engineers, facility managers, utility providers, and policymakers to collaborate toward safer, more efficient, and sustainable pipe networks.

## WHY YOU CANNOT MISS THIS EVENT

- Gain exclusive insights from industry-leading experts on overcoming pipe failures and implementing robust maintenance strategies.
- Discover the latest technologies and tools for real-time monitoring, leak detection, and predictive maintenance in pipe networks.
- Learn from real-world case studies across Malaysia's water, gas, chemical, and wastewater infrastructure to apply effective upgrade plans.
- Network with government officials, utility providers, engineers, and contractors to forge valuable partnerships and share best practices.
- Stay ahead of regulatory requirements and evolving standards that impact pipe planning, safety, and environmental compliance.

## WHO SHOULD ATTEND?

**This event is targeted but not limited to:**

- C-Suite Officers
- Presidents & Vice Presidents
- Director & Managing Directors
- Heads & Head of Departments
- General Managers

### Managers/ Managers of:

- o Construction
- o Oil & Gas
- o Architecture
- o Civil/ Structural Engineering
- o Geology/ Geotechnical Engineering
- o Piping Engineering
- o Seismic Engineering
- o Project Engineering
- o Subsea Welding
- o Safety
- o Facilities Management
- o Mission Critical Infrastructure
- o Petrochemical Facilities

### From the following industries:

- Government Entities
- Construction
- Civil/ Seismic/ Structural Engineering
- Design & Architecture
- Geology
- Earthwork Contractors
- Building Contractors
- Oil & Gas
- Petrochemicals
- Utilities

FOR FURTHER DETAILS, CONTACT

NICOLLE

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## EVENT PARTNERS



**MAPS & GLOBE**  
SPECIALIST IN MAP ADVERTISING

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<https://www.mapsglobe.com/>



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<https://www.mogec.org.my/>

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## CONFERENCE AT A GLANCE

### Day One: Wednesday 12<sup>th</sup> November 2025

- 0800 Registration & coffee**
- 0850 Opening keynote address**
- 0900 Session One**  
Integrating Long-Term Infrastructure Planning into Urban Pipe Networks for Future-Proofed Development
- 0945 Session Two**  
Strategies to Protect Pipe Systems from Internal and External Corrosion
- 1030 Speed Networking – The Mad Minutes!**  
Fun and fast, this networking activity is a great opportunity to grow your connections
- 1105 Morning Refreshments**
- 1130 Session Three**  
Weld Imperfection Analysis: Assessing the Impact of Weld Defects on Pipe Integrity
- 1215 Session Four**  
Trenchless Technologies for Pipe Rehabilitation & Replacement
- 1300 Networking Luncheon**
- 1400 Session Five**  
Methods to Evaluate and Mitigate Stress in Piping Systems under Operational Loads
- 1445 Session Six**  
Capacity Enhancement and Re-Rating of Existing Pipelines
- 1530 Afternoon Refreshments**
- 1600 Session Seven**  
**Strategies for Phased Pipe Network Upgrades in Densely Populated Areas**
- 1645 Session Eight**  
Strategic Asset Management for Pipe Lifecycles: Mapping, Budgeting, and Prioritization Techniques
- 1730 Session Nine**  
Integrating Subsurface Data with Pipe Stress Models to Prevent Failures and Leakages
- 1815 End of Day One**

### Day Two: Thursday 13<sup>th</sup> November 2025

- 0800 Registration & coffee**
- 0850 Opening keynote address**
- 0900 Session One**  
Leak Detection Systems: Real-Time Monitoring Technologies for Pipe Leak Prevention
- 0945 Session Two**  
Developments in Pipe Coating Technologies to Enhance Longevity and Performance
- 1105 Morning refreshment**
- 1130 Session Three**  
Advanced Non-Destructive Testing (NDT) Techniques for Assessing Pipe Integrity with Minimal Downtime
- 1215 Session Four**  
GIS and Digital Twin Applications in Pipe Network Planning and Optimization
- 1300 Networking luncheon**
- 1400 Session Five**  
Risk-Based Maintenance Planning to Minimize Service Disruptions in Critical Pipe Infrastructure
- 1445 Session Six**  
Upgrading Materials: Transitioning from Legacy Pipes to Modern Composites & Plastics
- 1530 Afternoon refreshment**
- 1600 Session Seven**  
Managing Thermal Expansion and Contraction in High-Temperature Pipe Systems
- 1645 Session Eight**  
Design and Maintenance of Flexible Pipe Application in Offshore Environments
- 1730 Session Nine**  
Navigating Global Standards and Regulatory Compliance in Pipe System Design for Safe and Legal Operations
- 1815 End of Conference**

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## COMPANY DETAILS

Name	Industry
Address	
Postcode	Country
Tel	Fax

## ATTENDEE DETAILS

1	Name	Job Title
	Tel	Email
2	Name	Job Title
	Tel	Email
3	Name	Job Title
	Tel	Email
4	Name	Job Title
	Tel	Email
5	Name	Job Title
	Tel	Email

## APPROVAL

NB: Signatory must be authorised on behalf of contracting organisation.	
Name	Job Title
Email	
Tel	Fax
Authorising Signature	

## REGISTRATION FEES

	10% discount for M&GS subscribers
End of July 2025	USD 1995 + 8% SST (Per Delegate)
End of September 2025	USD 2195 + 8% SST (Per Delegate)
1st November 2025 onwards	USD 2495 + 8% SST (Per Delegate)
All options inclusive of delegate pack, luncheon and refreshments.	

## PAYMENT METHODS

Payment is due in 5 working days. By Signing and returning this form, you are accepting our terms and conditions.	
<input type="checkbox"/>	Bank Transfer
<input type="checkbox"/>	Credit Card

## REGISTER NOW

**Nicolle**

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**E: nicollerey@trueventus.com**

**Take a Snapshot or Scan and Email us**

## TERMS & CONDITIONS

- The course fee is inclusive of the event proceedings, materials, refreshment and lunch.
- Upon receipt of the complete registration form, invoice will be issued. Trueventus request that all payments be made within 5 working days of the invoice being issued. Full payment must be received prior to the event. Only delegates that have made full payment will be admitted to event. Clients are responsible for their own banking fees and banking fees will not be absorbed into the booking price.
- Substitution & cancellations policy. Should the registered delegate is unable to attend, a substitute delegate is welcome at no extra charge. Written notifications of all substitutions is required 5 working days prior to the event. Trueventus contracts carry 100% full liability upon receipt of registration. Non payment does not constitute cancellation. A 100% of cancellation fee will be charged under the terms outlined below: Due to limited event seats, Trueventus agrees to book and confirm the seat for the client upon issuance of invoice. Upon signing of this contract, client agrees that in case of dispute or cancellation of this contract Trueventus will not be for total contract value. If a client does not attend the event without written notification at least 5 working days prior to the event date, he/she will deemed as no show. A no show at the event still constitutes that the client will have to pay the invoice amount that was issued to them. Trueventus does not provide refunds for cancellations. By signing this contract the client also agrees that if they cancel that Trueventus reserves the right to pursue monies owned via the use of local debt collection agency were the client is situated. Furthermore the client will be held liable for any costs incurred in collection of outstanding monies. When any cancellations are notified in writing to Trueventus 5 working days prior to the event, a credit voucher will be issued for use in future Trueventus events.
- Trueventus will at all times seek to ensure that all efforts are made to adhere to meet the advertised package, however we reserve the right to postpone, cancel or move a venue without penalty or refunds. Trueventus is not liable for any losses or damages as a result of substitution, alteration, postponement or cancellation of speakers and / or topics and / or venue and / or the event dates. If force majeure were to occur Trueventus accepts no responsibility or liability for any loss or damage caused by events beyond their control, including, but not restricted to strikes, war, civil unrest, flight delays, fire flood, or any adverse weather conditions. Trueventus is not liable in the event that a participant is exposed or is infected by Covid 19. Trueventus under no circumstances is liable for any other costs that might have been incurred in the attendance of the event, including but not limited to flights, accommodation, transfers, meals etc. Trueventus reserves the right to replace / change speakers in the best interest of the conference.
- Upon receiving this signed booking form, you the client hereby consent to Trueventus to keep your details for the use of future marketing activities carried out by Trueventus and third party organisations & partners.
- Copyright and Intellectual Property. Any redistribution or reproduction of part or all of the contents in any form in connection to this event is prohibited without prior written consent by Trueventus.
- Client hereby agrees that he/she exclusively authorizes Trueventus charged the credit card with details listed above for the amount provided herein; this registration form serves as a contract that is valid, binding and enforceable. He/she at any time will have no basis to claim that the payments required under this Contract are unauthorized, improper, disputed or in any way. Upon issuance of invoice Trueventus will be charging the client USD 30 processing fee.
- All Trueventus events are held in a classroom or theater format.
- All Trueventus events are held at either 5 or 4 Star Hotels.
- All payment must be directed to Trueventus in full prior to the event. Any company's participating in National training schemes such as HRDC Scheme and are applying grants you must first pay Trueventus and upon you receiving the grant you will be refunded this amount back. Failure to pay prior to the event can result in your company being blocked from joining the conference.
- All transaction charges, withholding taxes, local taxes, or currency exchange issues will be strictly absorbed by sender. Trueventus reserves absolute right to refuse admission of participant/s to the event should invoice amount is not received in full.



HRDC claimable under SBL KHAS scheme  
HRDC Approved Training Provider Reg No: 889325K  
(Applicable for Malaysia only)

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