



Fifth Conference on

# CLEAN BUSES IN APAC

March 17, 2026 | Grand Hyatt Erawan Bangkok, Thailand

Hosted by:

Global **Mass Transit**

Sponsors and Supporting Partners:



| Time (TST)  | Session                                                                                                         | Topic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Speaker                                                                                                                                                                                                                                                                                                                                                                                                          |
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| 8:00–9:00   | Registration, Networking & Morning Refreshments                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 9:00–9:15   | Welcome Remarks                                                                                                 | <ul style="list-style-type: none"><li>Welcome remarks &amp; mission of the conference</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <ul style="list-style-type: none"><li>Global Mass Transit</li></ul>                                                                                                                                                                                                                                                                                                                                              |
| 9:15–09:45  | Opening Session: The Road Ahead for Clean Buses in APAC: Market Trends, Investment Outlook and Policy Direction | <ul style="list-style-type: none"><li>Clean bus market outlook across APAC</li><li>Policy and financing frameworks shaping deployment</li><li>Moving from pilots to scale</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <i>Presentation by and Q&amp;A with:</i> <ul style="list-style-type: none"><li>Rishabh Jain, Director, <b>KPMG, Singapore</b></li><li><b>Moderator:</b> Pasamon Pechrasuwan, Associate Director &amp; Associate Fellow, <b>Frost &amp; Sullivan Co.,Ltd, Thailand</b></li></ul>                                                                                                                                  |
|             |                                                                                                                 | Discussion and Q/A with the delegates                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 9:45–10:30  | Session 1: Keynote on Accelerating Deployment of Zero-Emission Buses in APAC                                    | <ul style="list-style-type: none"><li>EV buses are an integrated system: electric buses are not just vehicles; they represent a transformation of transport into an integrated energy, infrastructure, and digital management system; plan the transport system before buying vehicles; successful projects start with route planning, demand analysis, and charging design, rather than purchasing vehicles first; start with a pilot, then scale up: most cities begin with a small pilot fleet, collect operational data, and then expand gradually into a fully integrated electric mobility system by <b>Parliament of Thailand</b></li><li>Vehicle electrification and carbon reduction flagship action plan in Taiwan: Taipei city government key strategies and legislation to meet 2050 Net Zero goals in terms of transport sectors for the decarbonisation &amp; sustainability; revenue &amp; funding stability to support all EV buses by 2030 and other vehicles by 2050; case study of PPP model for more EV charging station and the total cost of ownership (TCO) between EV and fuel vehicle by <b>Taipei City Government, Taiwan</b></li></ul> | <i>Presentations by and Q&amp;A with:</i> <ul style="list-style-type: none"><li>Suphachok Wankawisant, Advisor to the Senate Subcommittee, <b>Parliament of Thailand</b></li><li>Shih-Ming You, Counselor, <b>Taipei City Government, Taiwan</b></li><li><b>Moderator:</b> Pasamon Pechrasuwan, Associate Director &amp; Associate Fellow, <b>Frost &amp; Sullivan Co.,Ltd, Thailand</b></li></ul>               |
|             |                                                                                                                 | Discussion and Q/A with the delegates                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 10:30–11:00 | Tea/Coffee and Networking Break                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 11:00–11:45 | Session 2: Funding, Procurement Models & PPP Structures Across APAC                                             | <ul style="list-style-type: none"><li>Making Clean Buses Bankable: Structuring Private Capital for Urban Transport at Scale: IFC’s global experience to support Urban transformation through Clean Buses Bankability considerations to attract private financing at scale in emerging markets (for clean buses); lessons that can be used to scale other clean vehicles (such as trucks, last mile delivery, etc) by <b>International Finance Corporation (IFC), Thailand</b></li><li>Needs for system wide development for e-Bus mobilization; type of government interventions for e-Buses ADB financing support to e-mobility especially e-Buses by <b>Asian Development Bank, Philippines</b></li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <i>Presentations by and Q&amp;A with:</i> <ul style="list-style-type: none"><li>Subrata Barman, Senior Operations Officer, <b>International Finance Corporation (IFC), Thailand</b></li><li>Shuji Kimura, Principal Transport Specialist, <b>Asian Development Bank, Philippines</b></li><li><b>Moderator:</b> Rishabh Jain, Director, <b>KPMG, Singapore</b></li></ul>                                          |
|             |                                                                                                                 | Discussion and Q/A with the delegates                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 11:45–12:45 | Session 3: Data, AI, and Digital Platforms for Fleet & Depot Management                                         | <ul style="list-style-type: none"><li>AI-powered scheduling and energy management no longer optional but essential for maximizing ROI and reducing operational costs; introduce a next-generation "One Platform" approach that integrates AFC and AVM solutions; and energy-aware operations and AI Predictive maintenance proactively monitor battery health (SOC) and vehicle status to minimize downtime, extend asset life, and accelerate the global shift toward sustainable urban mobility by <b>Xiamen Lenz Communication Co.,Ltd., China</b></li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <i>Presentations by and Q&amp;A with: :</i> <ul style="list-style-type: none"><li>Sally Dai, Overseas Sales Director, <b>Xiamen Lenz Communication Co.,Ltd., China</b></li><li>Pakpoom Iamjitkusol, Senior Digital Economy Promotion Officer, <b>Digital Economy Promotion Agency(DEPA), Thailand</b></li><li>John Zhang, Senior Product Marketing Manager, <b>Streamax Technology co.,Ltd., China</b></li></ul> |
|             |                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                  |

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|             |                                                                                                                   | <ul style="list-style-type: none"><li>Digital &amp; IoT Solutions are an enabler, not the starting point — strategy comes first; AI-Powered real-time vehicle tracking eliminates human reporting errors and closes critical safety gaps; and digital technology adoption requires training, not just technology by <b>Digital Economy Promotion Agency(DEPA), Thailand</b></li><li>Shift to an intelligent transit OS: moving beyond simple charging management by deeply embedding State-of-Charge constraints directly into the operations scheduling engine; dynamic fleet dispatch: utilizing day-ahead planning, intra-day dynamic dispatch, and digital twin technology for proactive operation and maintenance; tangible business &amp; ESG value: reducing peak vehicle requirements (PVR) to lower costs, while converting real-time carbon emission reductions into qualifying green assets by <b>Streamax Technology co.,ltd., China</b></li></ul> | <ul style="list-style-type: none"><li>Moderator: Rishabh Jain, Director, <b>KPMG, Singapore</b></li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|             |                                                                                                                   | <i>Discussion and Q/A with the delegates</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 12:45–13:30 | <b>Session 4:<br/>Roadmaps to Reality: Charging Infrastructure, Financing Models and E-Bus Deployment</b>         | <ul style="list-style-type: none"><li>Prasarana EV replacement programme; 250 units EV charging Infrastructure; P1 Implementation; key highlights and challenges by <b>Prasarana</b></li><li>Lessons learned from e-bus roadmap development for Indonesian cities; alternative business models and fund channelling mechanism to accelerate the e-bus adoption by <b>ITDP</b></li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <i>Presentations by and Q&amp;A with:</i> <ul style="list-style-type: none"><li>Adlia binti Marodzuan, Senior Engineer, <b>Prasarana, Malaysia</b></li><li>Rifqi Khoirul Anam, Transport Associate, <b>ITDP, Indonesia</b></li><li><b>Moderator:</b> Ivan Lim, Head of Singapore Desk, <b>Vietnam ASEAN Hydrogen Club (VAHC), Singapore</b></li></ul>                                                                                                                                                                                               |
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| 13:30–14:30 | <b>Lunch and Networking</b>                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 14:30–15:30 | <b>Session 5:<br/>Electric Bus Deployments: Case Studies, Best Practices and Technologies</b>                     | <ul style="list-style-type: none"><li>From pilot to scale system readiness; beyond vehicles; economics of electrification; governance and policy alignment; and building the next urban chapter by <b>Thai Smile Bus Co., Ltd., Thailand</b></li><li>Case studies and best practices from current deployments; charging infrastructure; and grid readiness by <b>WBG (SG) Pte Ltd, Singapore</b></li><li>Insights from electric bus deployment across the Asia-Pacific region, covering the journey from early scoping and feasibility through to financing and fleet deployment; key policy and institutional considerations for cities and governments introducing electric bus fleets; and importance of preparing the transport workforce for the transition to electric mobility through skills development and workforce planning by <b>United Nations ESCAP, Thailand</b></li></ul>                                                                     | <i>Presentations by and Q&amp;A with:</i> <ul style="list-style-type: none"><li>Napasorn Lamthanthong, Vice president of marketing &amp; branding and CEO' s assistant, <b>Thai Smile Bus Co.,Ltd, Thailand</b></li><li>Alfredo Couturier, Managing Director, <b>WBG (SG) Pte Ltd, Singapore</b></li><li>Jack Crawford, Associate Economic Affairs Officer, <b>United Nations ESCAP, Thailand</b></li><li><b>Moderator:</b> Pasamon Pechrasuwan, Associate Director &amp; Associate Fellow, <b>Frost &amp; Sullivan Co.,Ltd, Thailand</b></li></ul> |
|             |                                                                                                                   | <i>Discussion and Q/A with the delegates</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 15:30–16:00 | <b>Session 6:<br/>Developing the Electric Bus Ecosystem in Jakarta: Policy, Operations, and Investment Models</b> | <ul style="list-style-type: none"><li>The development of the EV bus industry in Jakarta.</li><li>Business processes and operational frameworks.</li><li>Financing models and schemes.</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <i>Presentation by and Q&amp;A with:</i> <ul style="list-style-type: none"><li>Adrianus Satrio Adi Nugroho, Secretary, <b>Jakarta Transportation Council, Indonesia</b></li><li><b>Moderator:</b> Ivan Lim, Head of Singapore Desk, <b>Vietnam ASEAN Hydrogen Club (VAHC), Singapore</b></li></ul>                                                                                                                                                                                                                                                  |
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| 16:00–16:45 | <b>Session 7:<br/>Hydrogen Buses in APAC — The Emerging Use Case</b>                                              | <ul style="list-style-type: none"><li>Kuching Urban Transportation System (KUTS) project; lessons; and challenges by <b>Sarawak Metro Sdn Bhd, Malaysia</b></li><li>Hydrogen vs battery electric buses – where hydrogen buses make operational sense in high-utilization public transport fleets; deployment trends in APAC – key markets, government policies, and early hydrogen bus</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <i>Presentations by and Q&amp;A with:</i> <ul style="list-style-type: none"><li>Mu’az Bin Mustoffa Ashukri, Head of Hydrogen Feeder Bus Project, <b>Sarawak Metro Sdn Bhd, Malaysia</b></li><li>Ivan Lim, Head of Singapore Desk, <b>Vietnam ASEAN Hydrogen Club (VAHC), Singapore</b></li></ul>                                                                                                                                                                                                                                                    |

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|                                       |  | adoption across the region; and infrastructure and commercial viability – refueling ecosystem, total cost of ownership, and the pathway to scale by <b>Vietnam ASEAN Hydrogen Club (VAHC), Singapore</b> | <ul style="list-style-type: none"><li>● <b>Moderator:</b> <i>To be confirmed</i></li></ul> |
| Discussion and Q/A with the delegates |  |                                                                                                                                                                                                          |                                                                                            |
| Closing Remarks & Future Outlook      |  |                                                                                                                                                                                                          |                                                                                            |