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Transport Infrastructure Exhibition & Conference

30 September - 2 October 2025 | ADNEC Centre Abu Dhabi

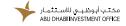


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Chairman's message

AA

Etihad Rail is cultivating a thriving transportation ecosystem for our region and the rest of the world that is rooted in collaboration, prosperity, and opportunity. Through the consistent support of His Highness Sheikh Mansour bin Zayed Al Nahyan, UAE Vice President, Deputy Prime Minister, and Minister of the Presidential Court, and the UAE's wise leadership, we aim to further solidify the position of our national project at an international level.

This support is further underscored by the establishment of Global Rail, which provides Etihad Rail with a platform that will enrich the regional transport and logistics sector, ensuring its growing demands are met, and thus further driving its development.

H.H. Sheikh Theyab bin Mohamed bin Zayed Al Nahyan Chairman Etihad Rail

The Transport Sector at a Glance

With the demand for moving passengers and goods growing at an unprecedented rate, the emergence of a new global paradigm, characterised by green transitions, shorter innovation cycles, the growth of e-commerce, and rapid rise of emerging economies, has propelled rail's clear advantages over other transport modes, into the spotlight.

Acting as a backbone for the integration of air, sea, road and shared mobility systems, rail networks have the potential to revolutionise global transport networks, paving the way for the interconnected transport ecosystems of the future.

Global Rail 2025 will unite transport and network operators, port authorities, financiers, freight and logistics providers, technologists and solution providers, to accelerate the transition towards smart, integrated, and sustainable transport ecosystems.

CAGR of 8%

Global Transportation Market 2024–2032

CAGR of 6%

Expected Growth Rate of the GCC Freight and Logistics
Market 2024–2032

\$16 Trillion

2032 Forecasted Global Transportation Market Size

40,000+ KM

Length of Planned Rail Network in GCC Under Development



About the Host

At the center of the UAE's mobility and logistics future



Freight Capacity

Designed to handle up to 60

million tonnes

annually by 2030

As the developer and operator of the UAE's national rail network, Etihad Rail redefines the movement of goods and people across the UAE and wider GCC, cementing its role as the developer of the nation's most transformative transport infrastructure project. As part of the expansive GCC Rail Network, Etihad Rail unlocks unprecedented efficiencies in logistics, trade, and mobility—connecting industrial zones, ports, and cities with a seamless, high-capacity transport system.

With a planned 1,200-kilometer network spanning all seven emirates, Etihad Rail strengthens supply chain resilience, positioning the UAE as a global logistics powerhouse. It's ambitious expansion into passenger services—including the much anticipated, high-speed Abu Dhabi-Dubai link - stands to set a new global benchmark for intercity travel, while cross-border connections reinforce the UAE's status as an international gateway.

Beyond connectivity, Etihad Rail drives sustainability, cuts carbon emissions and accelerates the transition to cleaner, smarter transport solutions. As the cornerstone of the UAE's future transportation ecosystem, it stands as the foundation for economic growth, trade expansion, and sustainable mobility.

Key Facts:

Total Planned Network

1,200 km connecting all seven emirates

Passenger Services

High-speed network planned, including Abu Dhabi-Dubai route (30-minute travel time) up to 350km/h

Operational Network

900 km in service for freight transport

Environmental Impact

Cuts CO₂ emissions by 2.2 million tonnes annually (equivalent to removing 375,000 vehicles)

Why Abu Dhabi?

Abu Dhabi is a global trade and logistics hub, leveraging its strategic location and world-class infrastructure to connect approximately 4.5 billion people within a four-hour flight radius. As the UAE diversifies its economy, its logistics market is projected to reach USD 58.5 billion by 2032, driven by e-commerce growth and progressive government policies. A key enabler of this expansion is the GCC rail network, a transformative initiative enhancing economic integration and sustainable transportation by linking logistics hubs to major international trade routes.

At the heart of this transformation, Etihad Rail is revolutionising mobility with a 1,200 km network connecting all seven emirates and extending into the GCC. Designed for freight and high-speed passenger services, the network aligns with the UAE's vision for smart, intermodal mobility, integrating rail, road, air, and sea transport. By 2030, the UAE aims to be a global leader in e-mobility and sustainable logistics, reinforcing its position as a key gateway for international commerce.



About the Event

Network with rail, logistics and mobility leaders pioneering connectivity, sustainability and resilience for transport's connected future.

Global Rail 2025 is the must-attend event for the future of transport where policy makers, transport operators, logistics leaders and tech pioneers converge to drive resilience, connectivity and sustainability in future transport systems.

As cities grow and supply chains adapt to a shifting global landscape, rail stands at the intersection of smart mobility, seamless connectivity, and sustainable trade. It is the backbone of an integrated transport future—linking high-speed networks, urban transit, and freight corridors to drive resilience, efficiency, and decarbonization. Global Rail 2025 is where visionaries across policy, logistics, and technology unite to redefine transport—unlocking the full potential of rail to power connected mobility and commerce, on a global scale.

Global Rail in Numbers

20,000+

Industry Attendees 200+

Exhibiting Companies 200+

Visionary Speakers

800+

Conference Delegates 100+

Participating Countries 30+

MoUs signed in 2024

15+

Ministerial Delegations 14+

Exhibition Sectors 6

Expansive Halls

Exhibition Sectors

Air, ports, rail operators

Freight and logist

Rolling stock

AI, technology and digitization

Infrastructure and construction

Urban and multimodal integration

Security and safety

Smart mobility

Signaling and control

Traffic management

Predictive maintenance

Sustainability

Consulting and engineering

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- Technical Conference
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EARLY BIRD RATE: \$599 (Valid until 22nd August)
NORMAL RATE: \$799



TECHNICAL DELEGATE PASS

3 days access to:

- Technical Conference
- Networking lunch and delegate coffee breaks

EARLY BIRD RATE: \$299 (Valid until 22nd August)
NORMAL RATE: \$399

About the Strategic Conference

The Global Rail and Transport Infrastructure Strategic Conference will gather over 120+ thought leaders and industry experts from across the rail, transport, logistics, and mobility value chain to discuss the latest project updates, innovations, and technology to drive connectivity, resilience and sustainability across transport modes and networks.

Through a series of panel discussions, fireside chats and exclusive project insights, the Strategic Conference will act as a global platform for driving transformation and progress in the global transportation sector. Policymakers, c-suite and senior decision makers pioneering policies, innovation and project implementation, will convene to discuss critical challenges and opportunities to drive progress towards sustainable, interconnected and resilient transport networks of tomorrow.

Partners





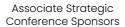








FlobalRail









Spain is at the forefront of rail innovation, and we want to be where the opportunities are—and that undoubtedly means here, in the United Arab Emirates. I applaud this country's bold commitment to rail and high-speed development.

H.E. Óscar Puente

Minister of Transport and Sustainable Mobility



Global Rail Strategic Conference Pillars

PILLAR 1

Navigating the mega-trends shaping the future of global transport ecosystems

PILLAR 2

Building future-proof transportation networks for a connected tomorrow

PILLAR 3

Driving inclusive and sustainable transportation through collaboration, strategic partnerships, and innovation

Strategic Conference Themes



High-Speed Rail project delivery



Trade and corridor development



Intermodal operations



Urban planning & transit-oriented development



Interoperability and network harmonisation



Safety and security



Shared mobility



Micromobility



End-to-end sustainable transport



Al and Automation



Multi-modal and intermodal integration



Metro and light rail



First-last mile



Policy and governance



Sustainable financing and investment



Freight logistics



Mobility-as a service (MaaS)



Smart mobility solutions

Global Rail Executive Committee



Ahmed Al Musawa Al Hashemi Chief Executive Officer Hafeet Rail



John Newman
President
& Chief Executive Officer
Progress Rail, a Caterpillar
Company



Farid Belbouab Group Chief Executive Officer Gulftainer



Daniel Wright
Chief Operating Office
Gulftainer



Dr. Dalya Al MuthannaManaging Director and
Chief Executive Officer Gulf Countries **Alstom**



Sebastien Mangeant Chief Operating Office Abu Dhabi Transport Company (ADT)



Ayman Ashour Chief Executive Officer, Siemens Mobility Turnkey MEA and Siemens Mobility UAE Siemens Mobility



Russell Jackson EVP Global Transi AECOM



Gunther J. Ferk Chief Executive Officer Etihad Rail Freight



Martin Yates
Government
Technology Adviso
Presight



Inmaculada Gutiérrez Chief Executive Officer Renfe International Projects



Dr. Christian Gasparic Partner and, Global Lead Kearney Center for Advanced Mobility, UAE



David Franks
Managing Director
Keolis MHI (UAE)



Régis Dumay Chief Executive Officer Transportation Egis



Joseph Chalouhi
Executive Advisor - Logistic
and Supply Chain
GHD



Vadim Pokotilo Partner McKinsey & Company

Ekaternia Sheremet Associate Partner McKinsey & Company

Global Rail Strategic Conference Speakers



H.E. Suhail Mohamed Al Mazrouei Minister of Energy and Infrastructure UAE



H..E. Jasem Mohamed AlBudaiwi Secretary General Cooperation Council for the Arab States of the Gulf



H.E. Omar Sultan Al Olama Minister of State for Artificial Intelligence, Digital Economy and Remote Work Applications UAE



H.E. Dr. Thani Bin Ahmed Al Zeyoudi Minister of Foreign Trade



H.E. Lieutenant General Engineer Kamel Al Wazir Deputy Prime Minister for Industria Affairs and Egyptian Minister of Industry and Transport The Arab Republic of Egypt



H.E. Dr. Shaikh Abdullah bin Ahmed Al Khalifa Minister of Transportation and Telecommunications Bahrain



H.E Hon. Fred Byamukama State Minister for Transport Uganda



H.E. Davit Khudatyan Minister of Territorial Administration and Infrastructure Republic of Armenia



H.E. Mohammed Ali Al Shorafa Chairman Abu Dhabi Department of Municipalities and Transport



H.E. Shadi Malak Chief Executive Officer Etihad Rail



Dr. Bashar Al-Malik Chief Executive Officer Saudi Arabia Railways



H.E. Hussein Ali Safadi Chief Executive Officer Aqaba Development Corporation (ADC)



H.E. Lee Seong - Hai Chairman & Chief Executive Officer Korea National Railway



Abdulrahman Salim Al Hatmi Group Chief Executive Officer ASYAD



Ahmed AlMusawa AlHashemi Chief Executive Officer Hafeet Rail



Saeed Salem AlSuwaidi Chief Executive Officer Abu Dhabi Transport Company (ADT)



Dr. Abdulla Hamad Al Ghfeli Acting Director General Integrated Transport Center – Abu Dhabi



Giuseppe Marino Group Chief Executive Officer Hitachi Rail



Henri Poupart-Lafarge
Chief Executive Officer



Marie-Ange Debon
Chairwoman and
Group Chief Executive Officer
Keolis



Michael Peter Chief Executive Officer
Siemens Mobility



Javier Martinez Ojinaga Chief Executive Officer CAF



Dr. Ahmed Mohamed Alebri ADNOC Sour Gas



Mohd Zarif Hashim Malayisa Rapid Transit Corporation (MRT Corp)



Rafael Sterling Thomas Pramotedham Chief Operating Officer & Chief Commercial Officer Chief Executive Officer Presight Talgo



Laurence Broseta International Keolis



Diego Diaz tional Director and President
SNCF International



Valeriano Salciccia Salcef Group S.p.A



Michael Ted Macapagal Philippine National



Rahul Mithal Chairman and Managing Director



Jeffrey Sim Vee Ming Group Chief executive Officer **Executive Director** SBS Transit



Vytis Žalimas hief Executive Officer LTG Infra



Sergio Vazquez Torron Chief Executive Officer Ineco



Mohammed Al Shehhi Chief Projects Officer Etihad Rail



Jean-Charles Vollery Chief Executive Officer
SYSTRA



Shahab Al Jassmi Senior Vice President Ports & Terminals Commercial DP World GCC



Guenter Neureiter Voestalpine Railway Systems



Niko Warbanoff ef Executive Officer DB E.C.O Group



Farid Belbouab Group Chief Executive Officer
Gulftainer



Régis Dumay Chief Executive Officer Transportation Egis



Antonia Höög Chief Sustainability Officer Keolis



Dr. Jacob Kam Chief Executive Officer MTR Corporation Limited



Shri Praveen Kumar Dedicated Freight Corridor Corporation of India Limited



Inmaculada Gutiérrez Chief Executive Officer International Projects Renfe



Chris Snyder EMEA CEO and Global Co-Chief Operating Officer



Jan Christoph Harder North and Rest of World (RoW) Škoda Group



Azza AlSuwaidi **Etihad Rail Mobility**



Murathan Kalyoncu Chairman of the Board Kalyon Insaat



Rashid Al Mulla Managing Director Etihad Rail, Jordan



Leon Soulier Chief Executive Officer Business Unit – Turnkey Siemens Mobility



Dr. Ozgur Soy Metro Istanbul



Martin Vaujour President, Africa, Middle East & Central Asia Alstom



Anouar Benazzouz Chief Strategy and Commercial Officer **Etihad Rail**



Hamed Zaghw Chief Executive Officer Middle Fast AECOM



Samer Kaissi Chief Executive Officer, Gulf Cluster & Country Manager, DHL Global Forwarding



Tewfik Bouarif Director of the Passenger ONCE



Amadou Diallo Chief Executive Officer **DHL Global Forwarding** Middle East and Africa



Alistair Gordon Keolis UK, Middle East, and India



Tolga Akkaş Chief Executive Officer Doğuş Construction



Tran Thien Canh Vietnam Railway Authority, Ministry of Construction of



Axel Herzhauser Chief Executive Officer **WeFreight**



Omar AlSebeyi Deputy Chief Executive Officer Etihad Rail Freight



Sammy Akif Vice President -Advanced Rail Technology Progress Rail



Sebastien Mangeant Abu Dhabi Transport Company (ADT)



Eng. Sami Ali Al Jallaf Executive Director - Public Transport and Licensing Ajman Transport Authority



Dr. Abdeljabbar Ben Salem Senior Vice President Middle East North Africa and Central Asia
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Hasan Al Hosani **Chief Executive Officer** Smart Solutions, Space42



Olivier Laurent Chief Executive Officer RailDirect



Armando Fombella General Manager and Renfe KSA



Faisal Ameer Malik Chief Technical Officer **Hugwei Enterprise Business.** Middle East & Central Asia



Michel Abi Saab General Manager Emerge



Adriano Girotto IronLev



Dr. Nasser Al Bustami Stevin Rock, RAK Rock and



Tom Spearing Senior Vice President, Rail and Transit Global Sector Leader Hill International



Jafar Oklah Chief Executive Officer National Infrastructure Construction Company (NICC)



Noémie Bercoff Urbanloop



Pakistan Intermodal



Gauray Biswas TruKKer



Stefan Geisperger Director International Markets, Chief Operating Officer (COO), International Business and DB E.C.O. Group



and General Manager -Digital and Data Solutions Jacobs



Mohamed Jaber Chief Executive Officer
Combi Lift Projects MEA



Omran Malek Head of Smart Autonomous Vehicle Industry (SAVI) Cluster
Abu Dhabi Investment Office (ADIO)



Eng Ahmed Al Shibani grated Transport Division Director Abu Dhabi Integrated Transport Center



Shri Hari Mohan Gupta **IRCON International (Indian** Railway Construction International Limited)



Martin Ausserdorfer Member of the Board, Brenner Base Tunnel, Chief Executive Officer Railtraction Company, (Italy)



Senior Financial Advisor Etihad Rail



Erez Abiittan Head of Rail Palantir Technologies



TC Chew Managing Director, APAC Arup



Steffen Behrens Chief Commercial Officer deugro



Paul Button Acting Chief Operations Officer
Trojan General Contracting



Nasser AlQahtani GCC Railways Authority



Ayman Ashour Chief Executive Officer, Siemens Mobility Turnkey MEA and Siemens Mobility UAE
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Darren McBride & Rail Practice Lead Parsons



Prisca Flattot Senior Vice President Technical and Operational Performance SYSTRA



Nabil Cheqroun Vice President & General Manager Honeywell Building Automation, Middle East, Turkiye and Africa



Pablo Ruiz del Real Alhambra Infrastructure Advisors



Bertrand MINARY UIC [International Union of Railways]



Roger Cruickshank Middle East Transportation Market Lead & AtkinsRéalis Fellow AtkinsRéalis



Lorenzo Modena CEO and Founder **OpenMove**



John Fagan UKIMEA Transport Market Leader **Arup**



Hashem AlHendawi Head of MENA UITP - International Association of Public Transport



Simon Argyle
Deputy Director of International
Relations, EU & Multilateral
The Department for Transport
(DfT)



Alex Haag Co-Founder and CEO Futurail



Simon Bunckenburg
Head of Infrastructure and
Construction
UK Export Finance (UKEF)



Jens-Oliver Schuenzel Director / Team Head Landbased Transportation KfW IPEX-Bank GmbH



Dr. Muhammad Mustafa Director of Mobility and Planning Egis, Middle East and South Asia



Rafael Tello Global Sustainability President, Middle East President Ambipar



Almud Weitz Regional Practice Director for Infrastructure, Middle East and North Africa World Bank



Natalia Sanz Senior Investment Officer Asian Infrastructure Investment Bank (AIIB)



Naresh Ranganathan Vice President - EAS Cargo Velora



Harj Dhaliwal
Acting Chief Executive Officer
Nevomo



Denis Tudor Chief Executive Officer & Co-founder Swisspod



Andrea Giuricin Chief Executive Officer TRA Consulting



Debabrata Chakraborty Sr. Regional Director, MEA Bentley Systems



Krzysztof Ruciński Mobility Expert Polish Investment and Trade Agency (PAIH)



Hadi Sanei Global Director – Transit Systems Hatch



Cesar Valero Partner ALG



Katie Ferrier
Regional Director UKI & MEA
Achilles Information Ltd



Paul Ling Business Manager UK Export Finance



Sunil Prasad
Global Head - Aerospace
& Rail
L&T Technology Services



Nicola Sandri Senior Partner, Global Leader of Transport Infrastructure McKinsey & Company, Milan



Helmut Scholze
Senior Partner, MEA Mobility
and Infrastructure Lead,
Dubai
Kearney



Dominik Baumeister Senior Partner, Global Head Transport & Logistics PwC



André Martins
Partner and Head of
Transportation and Services,
IMEA
Oliver Wyman



Dr. Christian Gasparic
Partner and Global Lead
Kearney Advanced Mobility
Institute



Alessandro Tricamo
Partner, Transportation
and Services
Oliver Wyman



Lorenzo Trittoni Partner, Transportation and Services Oliver Wyman



Ekaterina Sheremet Associate Partner McKinsey & Company



Sudheer Marisetty
Associate Partner
McKinsey & Company



Alexander Kondrat
Director, Transport and Logistics, Middle
East Rail Team Lead and Strategy
Knowledge Owner of the Strategy &
Transformation Center of Excellence
PwC Middle East



Strategic Conference Agenda

DAY 1 - TUESDAY - 30 SEPTEMBER

NAVIGATING THE MEGA-TRENDS SHAPING THE FUTURE OF GLOBAL TRANSPORT ECOSYSTEMS

10:00 - 11:00

OPENING CEREMONY

10:00 - 10:05

OPENING KEYNOTE



H.E. Mohammed Ali Al Shorafa Chairman Abu Dhabi Department of Municipalities and Transport

10:05 -10:10

KEYNOTE



H.E. Jasem Mohamed AlBudaiw Secretary General Cooperation Council for the Arab States of the Gulf

10:10 - 10:15

KEYNOTE: Special guest speaker

10:15 - 11:00

MINISTERIAL PANEL DISCUSSION: Seamless borders: Transport as a catalyst for regional integration

Transport connectivity is central to unlocking the region's economic potential. As cross-border infrastructure projects gain momentum, this session will explore how strategic investment in transport networks is driving regional integration, boosting trade flows, and fostering long-term economic cooperation. Speakers will examine current priorities across the Gulf and wider Middle East, including harmonising regulations, aligning infrastructure plans, and integrating ports and logistics hubs to create seamless, multimodal corridors. The discussion will also address how transport can serve as a foundation for broader economic partnerships and shared growth across borders.

Attendee insights: Understand how cross-border transport initiatives are shaping a more integrated regional economy, with real-world updates on key infrastructure projects linking the GCC and beyond.



H.E. Suhail Mohamed Al Mazrouei Minister of Energy and Infrastructure



H.E. Lieutenant General Engineer Kamel Al Wazir Deputy Prime Minister for Industrial Affairs and Egyptian Minister of Industry and Transport The Arab Republic of Egypt



H.E. Dr. Shaikh Abdullah bin Ahmed Al Khalifa Minister of Transport & Telecommunications Bahrain

11:00 - 11:35

VIP EXHIBITION TOUR

11:35 - 11:40

STRATEGIC CONFERENCE WELCOME AND OPENING REMARKS

11:40 - 11:50

OPENING KEYNOTE: Agentic AI: Mobility's next frontier?



H.E. Omar Sultan Al Olama Minister of State for Artificial Intelligence, Digital Economy & Remote Work Applications UAE

11:50 - 12:00

KEYNOTE: A new future for korean railways with AI



H.E. Lee Seong - Hai Chairman & Chief Executive Officer Korea National Railway

12:00 - 12:30

OPENING PANEL: Transport's great dilemma: can we grow while going green?

Meeting the rising demand for transport while cutting emissions requires a fundamental shift in how infrastructure is planned, financed, and operated. How can policy frameworks align economic expansion with climate goals, ensuring that regulation and incentives drive sustainable investment? What role will digitalization and advanced technologies – such as Aldriven logistics – play in enabling emissions reductions at scale? At the same time, shifting trade routes and evolving global supply chains are reshaping transport networks. How can transport systems adapt to these changes while maintaining resilience, cost-effectiveness, and environmental responsibility? Success depends on an integrated approach – where policy, technology, and investment work in tandem to create transport systems that are both future-ready and climate-aligned.

Attendee insights: This session will examine how policy, technology, and investment can align to expand transport and logistics capacity while driving meaningful progress on sustainability.

MODERATOR



Senior Partner, Global Leader of Transport Infrastructure McKinsey & Company, Milan



Michael Ted Macapagal Chairman Philippine National



Marie-Ange Debon
Chairwoman and Group
Chief Executive Officer
Keolis



Ahmed Al Musawa Al Hashemi Chief Executive Officer Hafeet Rail



Javier Martinez Ojinaga Chief Executive Officer



Rahul Mithal Chairman and Managing Director RITES

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12:30 - 12:40

KEYNOTE: The role of transportation in promoting global trade



H.E. Dr. Thani Bin Ahmed Al Minister of Foreign Trade

12:40 - 13:25

GCC RAIL PANEL DISCUSSION: Powering Gulf railway connectivity: regional integration and economic acceleration

This session will provide a timely update on the progress of the GCC railway and examine how it will serve as a cornerstone for deeper economic integration and long-term trade diversification. From enabling cross-border freight movement to linking industrial and logistics hubs, the railway is set to redefine how Gulf economies interact—shifting trade patterns, opening new corridors, and reducing reliance on road-based transport. The discussion will explore how coordinated investment, harmonised standards, and operational alignment are being realised across member states to bring this landmark mega- project to life.

Attendee insights: Hear directly from the leaders shaping the GCC rail network on how this project will unlock new economic opportunities, strengthen regional resilience and position the Gulf as a a globally competitive transport and logistics hub.



H.E. Shadi Malak Chief Executive Officer **Etihad Rail**



Dr. Bashar Al Malik Chief Executive Office Saudi Arabia Railways



Hatmi Group Chief Executive Officer

13:25 - 14:15

NETWORKING LUNCH

14:15 - 14:20

KEYNOTE: Connecting Futures: The Role of Rail in Sustainable logistic ecosystems



H.E. Hussein Ali Safadi Chief Executive Officer Agaba Development Corporation (ADC)

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14:20 - 14:50

PANEL DISCUSSION: Shaping the future of mobility: tackling the data sharing dilemma

Mobility-as-a-Service (MaaS) is the key to a seamless, user-centric transport future, but its success depends entirely on data-how it's shared, processed, and leveraged at scale. Realtime information on demand, availability, and pricing must flow effortlessly between public and private operators, yet concerns over privacy, security, and competitive interests create barriers that threaten to stall progress. At the same time, the sheer volume of mobility data demands advanced cloud computing capabilities to ensure scalability, responsiveness, and integration across modes. The future of mobility depends on unlocking this data dilemma - finding a framework where secure, interoperable, and high-capacity data ecosystems enable MaaS to fulfill its potential as the foundation of connected and intelligent transport networks.

Attendee insights: Transport operators, technologists and policy makers will discuss balancing interoperability with data security, ensuring MaaS can scale while protecting user trust and commercial interests.

MODERATOR



Alessandro Tricamo Partner, Transportation and Services



Alistair Gordon Chief Executive Officer Keolis UK, Middle East, and



Dr. Abdulla AlGhfeli Acting Director General Abu Dhabi Integrated

Central Asia RATPDev





Dr. Jacob Kam Chief Executive Officer MTR Corporation



Amer Battikhi EVP and General Manager of Digital and Data Solutions,

14:45 - 15:15

AI LEADERS PANEL: Scaling AI in transport: forging partnerships for smart, sustainable ecosystems

Al is poised to reshape transport, but scaling its impact requires more than just technological advancements—it demands strategic partnerships that bridge industries, governments, and technology providers. From predictive maintenance and real-time traffic optimization to autonomous systems and seamless multimodal integration, Al's potential is vast, yet fragmented adoption limits its transformative power. True scalability hinges on collaborative ecosystems where data flows securely, infrastructure evolves in tandem with innovation, and Al-driven efficiencies align with sustainability goals. The future of intelligent transport will not be built in silos; it will be forged through partnerships that turn isolated breakthroughs into a cohesive, smart, and sustainable mobility network.

Attendee insights: At leaders will explore the pivotal role of cross-sector collaboration in unlocking the full potential of AI — from predictive maintenance and real-time traffic optimization, to seamless multimodal integration.

MODERATOR



Nicola Sandri Senior Partner, Global Leader of Transport Infrastructure McKinsey & Company, Milan



Niko Warbanoff Chief Executive Office DB E.C.O. Group



Jeffery Sim Vee Ming Group Chief Executive Executive Director **SBS Transit**



Gaurav Biswas Founder and CEO TruKKer



Thomas Pramotedham Chief Executive Officer



Head of Rail **Palantir Technologies**

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15:15 - 15:50

PANEL DISCUSSION: Autonomous transport's tipping point: will smart cities unlock its full potential?

Autonomous transport is set to revolutionize urban mobility, but its success hinges on the seamless integration with smart city infrastructure. Advanced sensor networks, Al-driven traffic management, and real-time data exchange between vehicles and city systems are key to optimizing efficiency, safety, and sustainability. By leveraging intelligent roadways, adaptive signaling, and edge computing, cities can create an environment where autonomous vehicles operate reliably, reducing congestion and emissions while enhancing accessibility. Unlocking this potential requires collaboration between policymakers, technology providers, and urban planners to ensure regulatory frameworks, digital infrastructure, and investment strategies align with the future of mobility.

Attendee insights: Policymakers, technology providers, and urban planners will discuss collaborative strategies to build adaptive, connected cities that enable safe, efficient, and sustainable autonomous mobility.

MODERATOR



Helmut Scholze Senior Partner, MEA Mobility and Infrastructure Lead, Dubai Kearney



Régis DumayChief Executive Officer
Transportation
Fais



Sebastian Mangeant Chief Operating Office Abu Dhabi Transport Company (ADT)



Hasan Al Hosani Chief Executive Officer Smart Solutions, Space42



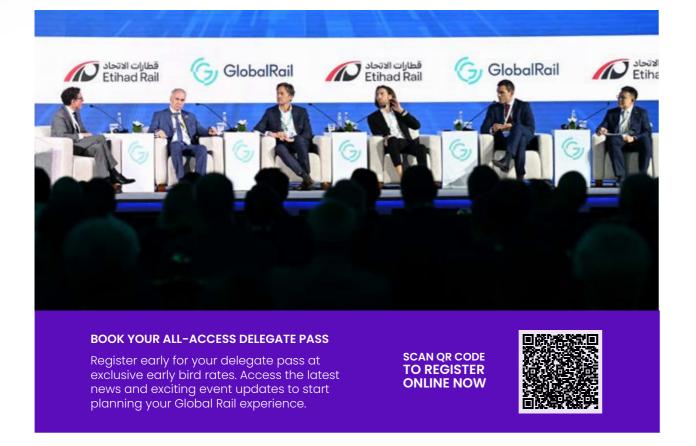
Sammy Akif Vice President Advanced Technology Progress Rail



Noémie Bercoff Director General Urbanloop



Nabil Cheqroun Vice President General Manager Honeywell Building Automation, Middle East, Turkiye and Africa



15:50 - 16:30

PANEL DISCUSSION: Putting decarbonization back on track: is policy accelerating or stalling modal shift?

Shifting freight and passenger transport from road to rail is widely recognized as a critical strategy for reducing emissions, yet progress remains fragmented. While policy frameworks increasingly emphasize sustainability, the effectiveness of incentives, regulations, and investment priorities varies across regions. Infrastructure bottlenecks, regulatory misalignment, and market dynamics continue to challenge large-scale modal shift. Are current policies providing the necessary momentum, or are they inadvertently reinforcing existing transport patterns?

Attendee insights: Are policy interventions translating into tangible shifts towards rail and public transport or are deeper structural changes needed to align decarbonization goals with real-world outcomes?

MODERATOR



Dr. Christian Gasparic
Partner and Global Lead
Kearney Advanced Mobility
Institute



Andrea Giuricin Chief Executive Officer TRA Consulting



Simon Argyle
Deputy Director of
International Relations,
EU and Multilateral
The Department for
Transport (DfT)



Amadou Diallo Chief Executive Officer DHL Global Forwarding Middle East and Africa



John FaganUKIMEA Transport Leader **Arup**



Antonia Höög Chief Sustainability Officer Keolis



Michel Abi Saab General Manager Emerae

16:30 - 17:00

PANEL DISCUSSION: Beyond the capital: is bi-lateral and multi-lateral funding delivering meaningful impact?

Bi-lateral and multi-lateral funding mechanisms are designed to drive infrastructure development, economic growth, and sustainable transport, yet their effectiveness remains a subject of debate. While these financial structures provide essential capital, the question remains: do they lead to long-term, tangible improvements, or are they hindered by bureaucracy, conditionalities, and misaligned priorities? Are recipient countries able to leverage these funds effectively, or do donor-driven agendas dictate priorities? And what changes are needed to make international funding more agile, transparent, and results-driven?

Attendee insights: This panel will examine the critical factors shaping the success of multiand bilateral funding, from governance and transparency to regulatory frameworks and national alignment.

MODERATOR



Frank Beckers Senior Financial Advisor Etihad Rail



Simon Bunckenburg
Head of Infrastructure and
Construction
UK Export Finance (UKEF)



Rashid Al Mulla Managing Director International Project Etihad Rail, Jordan



Natalia Sanz Senior Investment Officer Transport



Almud Weitz
Regional Practice Director
for Infrastructure, Middle East
and North Africa
World Bank



Jens - Oliver Schuenzel
Director / Team Head
Land-based Transportation
KfW IPEX-Bank GmbH

CPD Certified



DAY 2 - WEDNESDAY - 1 OCTOBER

BUILDING FUTURE-PROOF TRANSPORTATION NETWORKS FOR A CONNECTED TOMORROW

10:00 - 10:10

OPENING KEYNOTE:



H.E. Shadi Malak Chief Executive Officer Etihad Rail

10:10 - 10:40

MINISTERIAL PANEL DISCUSSION: Building connected nations: the role of transport and infrastructure in sustainable development

MODERATOR



André Martins
Partner and Head of
Transportation and Services, IMEA



H.E. Fred Byamukama Minister of State for Works and Transport



H.E. Davit Khudatyan Minister of Territorial Administration and Infrastructure

10:40 - 11:20

PANEL DISCUSSION: High-speed rail horizons: scaling networks, advancing technology, and connecting regions

As nations race to meet mobility, sustainability, and economic development goals, high-speed rail is emerging as a transformative force in reshaping regional connectivity. This session brings together global leaders driving the evolution of high-speed rail to discuss how large-scale networks are being deployed, how cutting-edge technology is improving performance and sustainability, and how integrated systems are fostering greater economic and social cohesion.

Attendee insights: The panel will explore lessons learned, strategic priorities, and the innovations powering the next era of high-speed rail.

MODERATOR



Nicola Sandri Senior Partner, Global Leader of Transport Infrastructure McKinsey & Company, Milan



Michael Peter Chief Executive Officer Siemens Mobility



Henri Poupart Lafarge Chief Executive Officer **Alstom**



Rafael Sterling
Chief Operating Officer &
Chief Commercial Officer
Talgo



Giuseppe Marino
Group Chief Executive
Officer
Hitachi Rail



Mohammed Al Shehhi
Chief Projects Officer
Ftihad Rail

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11:20 - 12:00

PANEL DISCUSSION: Collide or collaborate: can intermodal business models balance competition and collaboration?

Intermodal transport operates in a paradox—shared infrastructure and seamless connectivity demand collaboration, yet market competition drives efficiency and innovation. Logistics providers, rail operators, and freight forwarders must integrate networks while protecting commercial advantage, raising the question: can cooperation strengthen resilience without compromising differentiation? Success will depend on redefining partnership models, where collaboration becomes a strategic advantage rather than a trade-off. As intermodal transport evolves, can operators master both competitive agility and cooperative efficiency?

Attendee insights: Panelists will explore how transport operators can balance collaboration and competition to build a seamless, efficient intermodal ecosystem that benefits operators, customers, and passengers.

MODERATOR



Ekaterina Sheremet Associate Partner McKinsey & Company



Samer Kaissi Chief Executive Officer, Gulf Cluster & Country Manager, UAE DHL Global Forwarding



Axel Herzhauser Chief Executive Officer WeFreight

Group Chief Executive Officer

Farid Belbouab



Aasim Siddiqui Chief Executive Officer Pakistan Intermodal



Pablo Ruiz del Real
Co-Founder and
Managing Partner
Al Hambra Infrastructure
Advisors

12:00 - 12:40

PANEL DISCUSSION: Securing the future: can rail deliver on its supply chain promise?

Rail is frequently championed as a solution to supply chain security, offering reliability, capacity, and a lower carbon footprint; however, underinvestment, infrastructure bottlenecks, and regulatory fragmentation continue to challenge its ability to deliver the resilience and efficiency the industry demands. Freight forwarders and operators must navigate mounting disruptions—from geopolitical shifts to cyber threats—while addressing interoperability gaps that hinder cross-border flows. Yet, rail alone cannot secure supply chains. True resilience depends on seamless integration with ports, road freight, and air cargo, creating a multimodal system that enhances flexibility, mitigates risks, and ensures continuity in an increasingly unpredictable global trade landscape. What gaps still exist — and how can enhanced interoperability, targeted investment, and coordinated policy action transform rail into the backbone of secure, future-ready logistics networks?

Attendee insights: Panelists will discuss whether rail is rail capable of meeting the evolving demands of global supply chains.

MODERATOR



Dominik Baumeister Senior Partner, Global Head Transport & Logistics PwC



Shri Praveen Kumar
Managing Director
Dedicated Freight Corridor
Corporation of India Limited
(DFCCIL)



Dr. Nasser Al Bustami Board Director and Chief Executive Officer Stevin Rock, RAK Rock and Raknor



Dr. Ahmed Mohamed Alebri Chief Executive Officer ADNOC Sour Gas



Guenter Neureiter
Chief Executive Officer
Voestalpine Railway Systems



Steffen Behrens Chief Commercial Officer (CCO)



Omar AlSebeyi
Deputy Chief Executive Officer
Etihad Rail Freight



Olivier Laurent Chief Executive Officer Rail Direct

12:40 - 13:30

NETWORKING LUNCH

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13:30 - 14:00

PANEL DISCUSSION: Bridging sea and air: can ports and airports sync for growth?

Sea-to-air logistics promises maritime cost efficiency with the speed of air cargo, however gaps in maritime and air freight infrastructure, scheduling, and digital integration create inefficiencies that ripple across supply chains. Mismatched handling capacity, disconnected data systems, and fragmented scheduling force cargo into costly delays rather than smooth multimodal transitions. Unlocking sea-to-air at scale requires more than physical connectivity it demands intelligent coordination powered by digital twin technologies, Al-driven scheduling, and automated cargo handovers that synchronize operations across ports and airports in real time.

Attendee insights: This session will explore how next-generation infrastructure and digitalization can transform sea-to-air from an underutilized model into an efficient, precision-driven logistics solution.

MODERATOR



Sudheer Marisetty Associate Partne McKinsey & Company



Naresh Ranganathan Vice President - EAS



Shahab Al Jassmi Senior Vice President, Ports & Terminals Commercial DP World GCC



Anour Benazzouz Chief Strategy and Commercial Officer Etihad Rail



Mohamed Jaber Chief Executive Office Combi Lift Projects MEA



Caesar Valero ALG

14:00 - 14:40

PANEL DISCUSSION: On time, on budget: examining stakeholder collaboration strategies for high-speed rail success

Delivering high-speed rail projects on schedule and within budget requires strong collaboration between governments, investors, operators, and contractors. However, regulatory hurdles, financial constraints, and shifting priorities often lead to delays and cost overruns. Securing stakeholder buy-in and ensuring consistent government backing are critical to keeping projects on track—but how can these be achieved? Public policy support plays a crucial role in maintaining project momentum, while hybrid PPP models can help balance risk and investment. Technologies such as digital twins, Al-driven project management, and real-time data integration offer new ways to enhance transparency, efficiency, and coordination. By strengthening stakeholder engagement and leveraging innovation, high-speed rail projects can overcome common barriers and deliver long-term economic and mobility benefits.

Attendee insights: Panelists will discuss actionable stakeholder collaboration strategies to ensure high-speed rail projects are delivered on schedule, within budget, and with longterm economic and mobility benefits.

MODERATOR



Tom Spearing Senior Vice President, Rail and Transit Global Sector Leader Hill International



Hamed Zaghw Chief Executive Officer Middle Fast **AECOM**



Jean - Charles Vollery Chief Executive Officer



Martin Vaujour President - Africa, Middle East and Central Asia



Sergio Vázquez Torrón & Chief Executive Office INFCO



Chief Executive Officer Business Unit - Turnkey Siemens Mobility

14:40 - 15:10

PANEL DISCUSSION: Nextgen passenger rail: redefining value in future networks

As passenger expectations evolve and urbanization intensifies, the rail sector faces a complex challenge: how to deliver scalable, high-quality service without compromising affordability or accessibility. This session explores the recalibration of value in the next generation of passenger rail—moving beyond the MaaS framework to examine how operators and policymakers can balance the interdependent pillars of price, capacity, and customer experience. What tradeoffs are acceptable in tomorrow's networks? How can systems be designed to ensure inclusive access while still meeting rising service expectations?

Attendee insights: uncover strategies for equitable, efficient, and resilient passenger rail ecosystems.



Laurence Broseta Chief Executive Officer



Jan Christoph Hardei President of Region West, North and Rest of World (RoW) ŠKODA GROUP



Tewfik Bouarif Director of the Passenger Division



Bertrand Minary Director of Passenge **UIC** (International Union of

15:10 - 15:40

PANEL DISCUSSION: First - last - mile: can transit oriented development close the gap?

The success of public transport hinges not just on core networks but on how easily people can access them. First-last mile connectivity remains a persistent challenge, often limiting ridership and diminishing the impact of major transit investments. Can transit-oriented development (TOD) provide the missing link, or does the gap between policy, infrastructure, and real estate remain too wide? Is TOD the silver bullet for first-last mile integration or will deeper structural barriers—land use policies, funding models, and community buy-in—continue to hinder progress? How can urban planners, developers, and transport authorities collaborate to design walkable, transit-friendly spaces that reduce car dependency? And does the promise of TOD hold up across different urban contexts, or is its success limited to high-density, well-funded cities?

Attendee insights: This session will explore practical strategies for bridging the first-last mile gap, leveraging policy, planning, and investment to transform transit nodes into vibrant, well-connected urban hubs.

MODERATOR



Sebastian Mangeant Chief Operating Office Abu Dhabi Transport Company (ADT)



TC Chew Managing Director



Eng. Sami Ali Al Jallaf Executive Director - Public Transport and Licensing Ajman Transport Authority

Director of Mobility &

and South Asia

Planning - Middle East







Noemie Bercoff Director Genera



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15:40 - 16:10

PANEL DISCUSSION: Connected and shared mobility: breaking down urban barriers

Integrating connected and shared transport remains a persistent challenge, restricted by fragmented infrastructure, siloed data systems, and regulatory inertia. How can mobility providers, city planners, and policymakers align interoperability standards that truly enable seamless travel? What are the economic and governance models that incentivize collaboration rather than competition? And can technology alone solve the urban mobility puzzle, or is a fundamental shift in policy and planning required?

Attendee insights: Panelists will discuss actionable solutions to ensure connected and shared mobility becomes a cornerstone of efficient, accessible, and sustainable urban transport.

MODERATOR



Dr. Christian Gasparic Partner and Global Lead **Kearney Advanced Mobility**



Ibrahim (Ibro) Muftic Vice President - Rail and Transit Leader



Dr. Ozgur Soy **Executive Chair**



Faisal Ameer Malik Chief Technical Office **Hugwei Enterprise Business** Middle East & Central Asia



Krzysztof Ruciński Hashem AlHendawi Head of MENA Mobility Expert Polish Investment and UITP - International Trade Agency **Transport Association**

16:10 - 16:40

PANEL DISCUSSION: Redefining value in the MaaS ecosystem: who pays, who profits and who set the rules?

Mobility-as-a-Service (MaaS) promises seamless, user-centric transport, but beneath the vision lies a complex web of competing interests. As digital platforms integrate public and private mobility options, the question of value—who creates it, who captures it, and who controls it becomes increasingly contentious. Is MaaS primarily a tool for public benefit, or does it risk becoming another fragmented, profit-driven marketplace? This discussion will unravel the power dynamics shaping the MaaS ecosystem. Who should bear the financial burden—governments, private operators, or consumers? How do revenue models balance commercial viability with accessibility and equity? And as data becomes the currency of mobility, who ultimately dictates the rules of engagement?

Attendee insights: Panelists will debate whether MaaS is on track to deliver a truly integrated transport future - or if misaligned incentives and regulatory uncertainty will prevent it from reaching its full potential.



Ekaterina Sheremet Associate Partner Mckinsey & Company



Eng. Ahmed Alshibani Integrated Transport Division Director **Integrated Transport** Center, Abu Dhabi



Chris Snyder EMEA CEO and Global Co-Chief Operating Officer



Omran Malek Head of Smart Autonomous Vehicle Industry (SAVI) Cluster Abu Dhabi Investment Office



Lorenzo Modena CEO and Founder OpenMove

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16:40 - 17:10

PANEL DISCUSSION: Rail's competitive edge: challening air and road in the race for regional connectivity

Where do airlines and rail operators see each other—as rivals fighting for market share, or as partners in shaping end-to-end connectivity? What economic and policy incentives determine whether they compete or collaborate? And does the push for decarbonization create new synergies or deepen the divide?

Attendee insights: This session will explore whether smarter coordination between rail and aviation can unlock a more resilient and sustainable regional mobility framework.

MODERATOR



Lorenzo Trittoni Partner, Transportation and Services Oliver Wyman



Azza AlSuwaidi Deputy **Etihad Rail Mobility**



Diego Diaz International Director and President



Inmaculada Gutiérrez Chief Executive Officer nternational Projects





Shri Hari Mohan Gupta **IRCON International (Indian** Railway Construction International Limited)

17:10 - 17:35

PANEL DISCUSSION: Next-gen high speed mobility technologies: disruptive innovation or CAPEX burden?

High-speed mobility is evolving rapidly, with cutting-edge technologies promising to redefine transport efficiency and connectivity. But are these innovations true game-changers, or do they come with a price tag that outweighs their benefits? As hyperloops, maglev systems, and nextgeneration rail technologies push the boundaries of speed and sustainability, the debate over their viability intensifies. This session will examine whether next-gen high-speed transport is a necessary leap forward or an overambitious CAPEX drain. Do the long-term economic and environmental gains justify the upfront investment? Are these technologies scalable, or will they remain niche solutions for select corridors?

Attendee insights: Panelists will explore whether the economic and social benefits of next generation mobility systems outweigh the upfront investment.



Adriano Girotto President



Armando Fombella General Manager and Project Director



Chief Executive Officer Siemens Mobility Turnkey MEA and Siemens Mobility UAE



Harj Dhaliwal Acting Chief Executive Officer



Denis Tudor Chief Executive Officer & Co-founder SwissPod



Rail is essential to achieving the UN's Sustainable Development Goals, accounting for just 0.4% of transport-related greenhouse gas emissions. The UAE, through Etihad Rail, is making significant strides in expanding rail as a primary transport system. As a global leader with over 80 years of experience and more than 30 in high-speed operations, Renfe is proud to participate in Global Rail—an event set to become a key platform for the industry.

Raul Blanco Diaz Former President Renfe



DAY 3 - THURSDAY - 2 OCTOBER

DRIVING INCLUSIVE AND SUSTAINABLE TRANSPORTATION THROUGH COLLABORATION, STRATEGIC PARTNERSHIPS, AND INNOVATION

10:00 - 10:20

PROJECT HIGHLIGHT: Hafeet Rail: from blueprint to reality



Ahmed Al Musawa| Al Hashemi Chief Executive Officer Hafeet Rail

10:20 - 10:30

KEYNOTE: Beyond the station: ADT's vision for connected cities



Saeed Salem AlSuwaidi Chief Executive Officer Abu Dhabi Transport Company (ADT)

10:30 - 10:40

FIRESIDE CHAT



Murathan Kalyoncu Chairman of the Board Kalyon Insaat

10:40 - 11:25

PANEL DISCUSSION: Breaking the large CAPEX project delivery deadlock: reimagining project execution

Large-scale rail infrastructure projects continue to face persistent delivery challenges - from protracted timelines and budget escalations to fragmented governance and rigid procurement models. This session will convene leading contractors, policymakers, and asset owners to examine how the industry can rewire its approach to execution. What innovations in contracting, planning, and digital delivery are helping projects stay on track? And how can the sector shift from reactive problem-solving to proactive, performance-based delivery?

Attendee insights: Gain practical insight into how leading rail stakeholders are rethinking procurement, planning, and execution models to overcome delays and cost overruns in large-scale infrastructure delivery.

MODERATOR



Sudheer Marisetty
Associate Partner
McKinsey & Company



Vytis Zalimas Chief Executive Officer LTG Infra



Valeriano Salciccia Chief Executive Officer Salcef Group S.p.A

National Infrastructure

Construction Company





Tolga Akkas Chief Executive Officer Doğuş Construction



10:25 - 10:40

Project Highlight: Mega railway projects in Vietnam



Tran Thien Canh
Director General
Vietnam Railway Authority
Ministry of Construction of Vietnam

11:40 - 12:05

PANEL DISCUSSION: Cross border rail: how can international partnerships drive economic, modal and social transformation?

Cross-border rail has the potential to transform regional economies, reduce reliance on road and air transport, and enhance global connectivity. Yet, despite its promise, fragmented regulations, mismatched infrastructure standards, and geopolitical complexities often hinder seamless international rail operations. Can greater collaboration between governments, operators, and investors unlock the full potential of cross-border rail? Examining the frameworks needed to accelerate rail integration across borders raises key questions: what policy alignments and financial mechanisms can make cross-border projects more viable and how can interoperability challenges — ranging from signaling systems to customs procedures—be overcome?

Attendee insights: How can policymakers, regulators, and operators collaborate to overcome the complexities of cross - border rail and foster more efficient transport corriors for both passengers and freight.



Mohd. Zarif Hashim
Chief Executive Officer
Malayisa Rapid Transit
Corporation (MRT Corp)



Martin Ausserdorfer Chief Executive Officer, Railtraction Company S.p.A, Member of the Board Brenner Base Tunnel



Nasser AlQahtani Interoperability Director GCC Railways Authority

12:05 - 12:30

PANEL DISCUSSION: Aligning transport finance with climate goals: shifting from reporting to emissions reduction

While ESG frameworks and climate disclosures are now standard practice, many transport projects still struggle to translate financial pledges into measurable decarbonization outcomes. Bridging this divide requires a shift in financial instruments and investment strategies to prioritize tangible emissions reductions over compliance-based reporting. Mechanisms must be in place to ensure that capital flows effectively support low-carbon infrastructure, fleet electrification, and modal shift. Collaboration between investors, policymakers, and transport operators is essential to driving systemic change – moving beyond green labels to real-world impact.

Attendee insights: This session will provide practical insights into moving beyond ESG compliance to financing transport projects that achieve real-world carbon reductions.



Paul Ling
Business Manager
UK Export Finance (UKEF)



Katie Ferrier
Regional Director UKI & MEA



Rafael Tello
Global Sustainability President
Middle East President
Ambigar

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12:30 - 13:00

PANEL DISCUSSION: Integrating shared mobility into mass transit networks: can public private collaboration bridge the gap?

Seamlessly integrating shared mobility with mass transit has the potential to enhance accessibility, reduce congestion, and improve first-last mile connectivity. However, misaligned incentives, regulatory complexities, and infrastructure limitations often prevent shared mobility services from complementing public transport effectively. What role should public agencies and private mobility providers play in creating a unified network? Can policy frameworks and data-sharing agreements enable true integration without compromising competition? And how can financial and operational models be structured to ensure shared mobility enhances rather than disrupts - mass transit systems?

Attendee insights: The discussion will explore the practical steps needed to turn fragmented mobility services into a cohesive, user-centric transport ecosystem to the benefit of passengers.



Roger Cruickshank Middle East Transportation Market Lead & AtkinsRéalis Fellow



Darren McBride EMEA PMC and Rail Practice Lead

13:00 - 13:30

PANEL DISCUSSION: From pilots to production: how can we fast-track transport innovation cycles?

The gap between successful pilot projects and large-scale deployment remains one of the biggest hurdles in transport innovation. While new technologies - from Al-driven traffic management to next-generation rail systems - show promise in controlled environments, many struggle to transition into widespread use due to regulatory delays, funding constraints, and integration challenges. Are current procurement and regulatory processes equipped to support rapid innovation? And how can public and private stakeholders work together to create agile frameworks that accelerate adoption without compromising safety and efficiency?

Attendee insights: This panel will explore strategies to streamline deployment, scale solutions faster, and ensure that promising transport technologies move beyond pilot projects to full scale impact.



Head of Aerospace and Rail L & T Techno logy Services

13:25 - 13:55





Senior Vice President Technical and Operational erformance

Co -Founder &

Chief Executive Officer



Global Director - Transit



Global Rail Closing Ceremony

return economically in the region. You think about Casablanca to Tianjin in 2 hours, you think about Paris to Bordeaux in 2 hours, it changes the way you think about space, business set up and real estate.

For every dollar you invest in rail, you have 250% in

Andrew DeLeone

President Africa, Middle East & Central Asia (AMECA) Region Alstom



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Engagement & Selection Brief



139 abstracts submitted globally (+65% from 2024)



15 reviewers in the technical committee



38% acceptance rate

Agenda Breakdown



53 speakers confirmed for participation



14 conference tracks in high-interest topics

Academic

German Centre for Rail Traffic Research, Indian Institute of Technology, University of Birmingham, Monash Institute of Railway, Korea Institute of Science and Tech

Early Innovators

TRE-ALTAMIRA, CEMIT, Kodifly, Ironlev, Next Generation Robotics, RazorSecure

Contractors

DB engineering, Atkins, Parson, LTTTS, MG Consult

Key Suppliers

Bentley, Siemens, SYSTRA, Honeywell, RailSync, Voestalpine

Operators & Organisations

UIC, L&T Metro Rail, East Japan Railway Company, Korea National Railroad Corporation, Abu Dhabi Transport Centre, Toronto Transit Commission

Agenda Overview

DAY 1

- High-speed Rail
- Al and Data-driven Predictive Maintenance
- Digital Asset Lifecycle Management
- Improving Operational Efficiency

DAY 2

- Cybersecurity Solutions and Protocols
- Innovation in Construction and Infrastructure
- Passenger Experience
- Innovations in Predictive and Condition-based Maintenance
- Urban Planning and TOD

DAY3

- End-to-end Sustainable Transportation
- Monitoring and Risk Management in Rail Operations
- Physical Security and Operational Safety
- Project Planning and Management
- Advancements in Railway Signaling and Communications

DAY 1 - TUESDAY - 30 SEPTEMBER



11:20 - 11:40

SESSION: 1

TITLE: HIGH-SPEED RAIL



SESSION: 2

TITLE: AI AND DATA-DRIVEN PREDICTIVE MAINTENANCE

11:00 – 11:20 HSR Market Liberalization Michele Gesauldi, High Speed R Advisor, International Union of Railways (UIC)

Navigating the Complexities of Cross-Border High-Speed Rail: Challenges, Specificities, and Solutions

Stephane Mortier, Director, **SYSTRA**

11:40 – 12:00 Impact of High-Speed Rail on Spatial Planning

Marc Guigon, Founder, MG Consult

12:00 - 12:20 Performance Assessment of High-Speed Transport Systems: Comparing HSR, Maglev, and HyperLoop Nie Ying, Senior Director Level Designer, CRRC

12:20 - 12:40 Leading Transition From Reactive Maintenance to Predictive, Datadriven Management Hartwig Lankow, Vice President, Voestalpine Railway Systems **GmbH**

12:40 – 13:00 From Acceleration Data to Rail Intelligence: Leveraging In-Service Trains to Achieve Operational Excellence

Niels Goet, Chief Product Officer, **CEMIT**

13:00 – 13:20 Reimagining Railway Asset Lifecycle Management with

Digital Twins and Al Muhammad Anwel, CTO, Kodifly

13:20 - 14:00 Networking Lunch

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Technical Conference Agenda

DAY 1 - TUESDAY - 30 SEPTEMBER



SESSION: 3

TITLE: DIGITAL ASSET LIFECYCLE MANAGEMENT



SESSION: 4

TITLE: IMPROVING OPERATIONAL **EFFICIENCY**

14:00 - 14:20	Digital Twins Throughout the Rail
	Asset Lifecycle
	Andrew Smith, Rail Industry
	Solutions Manager, Bentley
	Systems Ltd
	·

14:20 - 14:40 RailXplore Fusion: Al-powered Rail Infrastructure applications for Secure, Sustainable, and **Profitable Operations** Daniel Weitze, Portfolio Management Connectivity & IoT, Siemens Mobility

14:40 – 15:00 Maximizing operational business value with the next-generation data model for railway infrastructure & operations Etienne Pansart, SYSTRA, Head of Partership and Academic Innovation

15:00 -15:20 Ironlev Passive Magnetic Levitation on Conventional Railways: Ongoing Pilot Tests and Technological Advancements Lorenzo Andrea Parrotta. Co-Founder and Board Member, IronLev

15:20 - 15:40 Improving Efficiency and Safety in Railways through Real Time Condition Monitoring Using **Revenue Trains** Ravi Ravitharan, Director, Monash Institute of Railway Technology

15:40 - 16:00 Building Smarter, Safer, and Sustainable Rail: How Integrated Digital Platforms Are Transforming Operations Romain Mahe, Rail Vertical Leader for META, Honeywell

16:00 – 16:20 Modeling and Analysis of Virtual Coupling Railway Operations for Unit Trains in Large-Scale Capacity Scenarios Lei Wang, PhD Student, University of Birmingham

16:20 – 16:40 RailSync – The world's first digital solution with real-time rail operations for terminals, shunter, and railway undertakings Christoph Kappler, CEO, RailSync

DAY 1 - TUESDAY - 30 SEPTEMBER

DAY 2 - WEDNESDAY - 1 OCTOBER



SESSION: 5

TITLE: INNOVATION IN CONSTRUCTION AND INFRASTRUCTURE



SESSION: 6

TITLE: CYBERSECURITY SOLUTIONS AND PROTOCOLS

16:40 - 17:00 Maximizing efficiency in rail delivery using AI, digital tools and innovation in design & construction Gary Furphy, Director - Digital

Engineering - Middle East, Jacobs

17:00 - 17:20 Long distance tunnelling: challenges and trends Dr. Karin Bäppler, Head of Business Development and Presales, Herrenknecht AG

10:00 - 10:20 Building Resilient and Intelligent Rail Operations with Al-Driven Industrial Platforms Goran Novkovic, Director, Industrial Cybersecurity, Toronto Transit Commission (TTC)

10:20 - 10:40 Securing OT-IT Integration in Railway Systems: Cybersecurity Challenges and Solutions Dr. Ali Shikai, Cyber Security Manager, AtkinsRealis

10:40 - 11:00 Cybersecurity Challenges in Al-Driven Railway Systems Christian Schlehuber, Managing Director / Lead Cybersecurity Expert, Cybershield

Digital Maintenance: An 11:00 - 11:20 **Expensive Cyber Security Blind** Alexander Cowan, CEO, RazorSecure

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Technical Conference Agenda

DAY 2 - WEDNESDAY - 1 OCTOBER



SESSION: 7

TITLE: INNOVATIVE MATERIALS AND SUSTAINABLE PRACTICES IN RAILWAY **INFRASTRUCTURE**



SESSION: 8

PASSENGER EXPERIENCE

11:20 - 11:40	Thermal Comfort Process as a Key Design Factor for Lifecycle Energy Efficiency in Elevated Urban Rail Stations Akmalia Zain, Post – Graduate Researcher, Heriot-Watt University
---------------	---

11:40 - 12:00 Thiocrete: Cement-Free, Water-Free, Low-CO2 Sulfur Concrete for Sustainable Railway Sleepers Denis Coppieters, CEO, ThioTrack

12:00 – 12:20 Efficient and Cost-Effective Methods for Controlling Wind-Blown Sand on Railway Tracks Hassan Hemida, Professor, University of Birmingham

12:20 - 12:40 Durability Assessment and Sustainable Application of Recycled Aggregate Concrete for Etihad Rail Wajeeha Mahmood, Structural Engineer, National Consultant Office for Engineering

12:40 - 13:20 Networking Lunch

Digital Innovation at Korea National 13:20 - 13:40 Railway: Beyond what you have seen before Hoon SOHN, Ph.D., Executive Director, Korea Railway Innovation Institute, Korea National Railway Professor, Civil & Environmental Engineering, Korea Advanced Institute of Science and Technology, South Korea

13:40 -14:00 The Public Transport Attractiveness Index: A Multi-Source Framework for Comparing Transit Competitiveness Across Time and Space Johan C. Haveland, CEO, Asistobe AS

14:00 - 14:20 A Global Perspective: A Passenger Experience across 3 Metros, 3 Cities Keith Allen, Principal Architect, Hassell

14:20 - 14:40 Designing Passenger Experiences that People Love Jeremy White, Transport Design Director, Seymour Powell

14:40 - 15:00 Hyderabad Metro Rail - A New Paradigm in Seamless Urban Commutes KVB Reddy, MD and CEO, L&T Metro Rail

DAY 2 - WEDNESDAY - 1 OCTOBER



SESSION: 9

TITLE: INNOVATIONS IN PREDICTIVE AND CONDITION BASED MAINTENANCE



SESSION: 10

URBAN PLANNING AND TOD

15:00 - 15:20 ARGO: A Mobile Robotic Platform for Automated Undercarriage Inspection and Condition-Based Rolling Stocks Maintenance Massimiliano Gabardi, CEO, Next

Generation Robotics

15:20 - 15:40 Cost-benefit-analysis of predictive maintenance solutions for rail infrastructure Jacob Spanke, Scientific Advisor, DZSF

15:40 - 16:00 Predictive Maintenance and Actionable Insights in Railway Wheel Maintenance: New Opportunities through AI and ML-Based Models Renate Grabler-Gußmagg, CEO,

Nextsense GmbH

16:00 – 16:20 Urban rail and property integration – how to make it stack up?

Peter Morley, Principal, Hassell

16:20 – 16:40 Environment Driven Urban
Development for the Next 100
Years: Implementing DX and GX
in Takanawa Gateway City
Keisuke Kiyotani, Deputy Director,
East Japan Railway Company

16:40 - 17:00 Planning and Implementing a
Multi-Modal Hub through Transit
oriented Development (TOD)
Principles: The Case study of
Hyderabad, India
Vijayalakshmi K, Advisor, Balaji
Rail Road System P Ltd

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Technical Conference Agenda

DAY 3 - THURSDAY - 2 OCTOBER



SESSION: 11

TITLE: END-TO-END SUSTAINABLE TRANSPORTATION



SESSION: 12

TITLE: MONITORING AND RISK MANAGEMENT IN RAIL OPERATIONS

10:00 – 10:20 Transport integration with the example of High Speed and Urban Mobility
Cyril Baligand, Deputy Practice
Lead - Rail & PMC - EMEA, Parsons

Sustainability Manager, SYSTRA

Integrated Transport Centre

10:20 – 10:40 Leveraging Carbon Tracking for End-to-End Sustainable Transport Deepika Parmar, Senior

10:40 – 11:00 Planning a Seamless Integrated Mobility System for Abu Dhabi Shadi Anani, Transport Policy & Planning Consultant, Abu Dhabi

11:00 - 11:20 Improving end - to -end journey time by implementing robust first and last mile connection Jarod Smith, Principal Transport Planner, Jacobs

11:20 – 11:40 Intelligent Fibre Optic based Intrusion Detection Sachin Bansal, Delivery Head – Aerospace and Rail, L & T Technology Services

11:40 – 12:00 A Systemic In-Service Monitoring Approach to Train-Track Interaction and Performance Assessment Mani Entezami, Senior Research Fellow, University of Birmingham, CTO, MoniRail Ltd

12:00 -12:20 Condition -Based Rail Monitoring for Proactive Ground Risk Management Majed Abdallah, Business

Development Manager, Middle East & Turkiye, TRE ALTAMIRA

12:20 -13:00 Networking Lunch

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DAY 3 - THURSDAY - 2 OCTOBER



SESSION: 13

TITLE: PHYSICAL SECURITY AND OPERATIONAL SAFETY



SESSION: 14

TITLE: PROJECT PLANNING AND MANAGEMENT

13:00 - 13:20	Application of Systems
	Engineering, Ergonomics and
	Anthropometrics associated with
	the Railway Project
	Jason Nguyen, Chief Technical
	Principal - Rail Systems & Safety
	Assurance, Surbana Jurong
	Group

13:20 – 13:40 Balanced, Integrated Security
Approach for Railways
Soroush Tazerji, Global Director of
Security Services, Sener Group

13:40 – 14:00 RoboDogs in Rail – Autonomous Inspection, Security Operations, and Coordinated Intervention for the Rail Systems of Tomorrow Michael Kirchhof, Managing Director, Dr. Kirchhof Ventures GmbH

14:00 – 14:20 Revolutionizing Track
Maintenance with Autonomous
Track Inspection Vehicles
for Enhanced Efficiency and
Reliability
Kaushik V N, MS Research Scholar,
Indian Institute of Technology,
Madras

14:20 – 14:40 Embedding a Vision for Operational End-state During Project Planning Rupert Ingham, Director, Grant Thornton

14:40 – 15:00 On The Right Track: Can Strategic Planning be Used to Overcome Challenges in African Railway Development and Enhance Investment Potential?

Alexander Farnell, Country Manager / Senior Project Manager, SYSTRA

15:00 – 15:20 Managing Engineering Changes in Complex Rail Projects: A Systems Engineering Approach Janarthan Vedantham, Senior Systems Engineering Manager, AECOM

15:20 - 15:40 Benchmarking Financial Models for High-Speed Rail Infrastructure Michele Gesauldi, High Speed Rail Advisor, International Union of Railways (UIC)

Technical Conference Agenda

DAY 3 - THURSDAY - 2 OCTOBER



SESSION: 15

TITLE: ADVANCEMENTS IN RAILWAY SIGNALING AND COMMUNICATIONS

15:40 – 16:00 Train2Cloud: Evolution of CBTC with Cloud Technology
Melih Arpaci, Vice President for Global Sales Mass Transit,
Siemens Mobility

16:00 - 16:20 GSMR to FRMCS Migration Potential challenges and Road
map for the migration
Tasneem Ahmed, Railway
Systems Manager, Indra Group

16:20 -16:40 Unlocking the Potential:
Lessons Learned from ERTMS
Implementation and Evolution in
Rail Industry Digital Signaling
Silvia Dominguez, Head of ERTMS,
INECO

16:40 - 17:00 Bridging the Interoperability Gap: Leveraging ERTMS for Advanced CBTC Metro Applications Frédéric Bernaudin, Head of Bid, Compagnie des Signaux

> Close of Global Rail Technical Conference

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17:00



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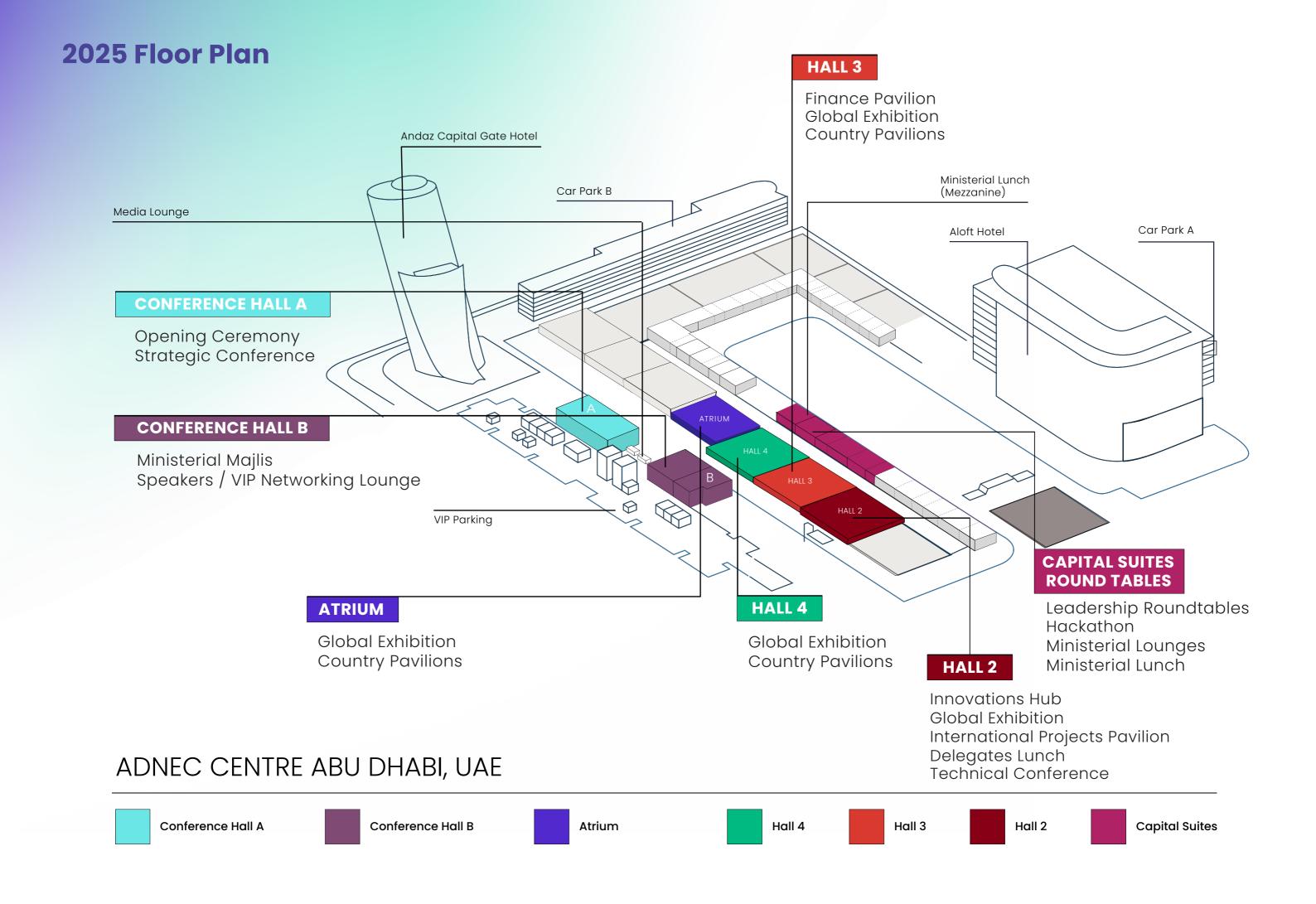
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