



logimotion

10 – 11 December 2024
Za'abeel Hall 6
Dubai World Trade Centre

transmobility forum

**Navigating the Intersection
of Innovation and Mobility**



Navigating the Intersection of Innovation and Mobility

The TransMobility Forum (TMF) is the premier event for exploring the future of transportation. As innovation and eco-friendly solutions become increasingly vital, TMF brings together industry leaders, policymakers, and technology innovators to address the most pressing mobility challenges. The forum will focus on advancing smart cities, green tech, and sustainable transportation systems that enhance efficiency and connectivity.

With over 40 speakers and 150 delegates, it offers a platform for high-level networking and showcases cutting-edge technologies. Participants will gain insights into autonomous vehicles, smart city infrastructure, and developments in freight and logistics.

Join us to be part of the movement towards smarter, safer, and more innovative transportation solutions, and to engage with thought leaders shaping the future of mobility.

Key Sessions

Autonomous Vehicle Advancements

The Role of AI & Big Data in Transforming Mobility

Smart City Integration & Transportation Networks

Mobility as a Service (MaaS)

Sustainable Urban Mobility: Integrating Eco-Friendly Vehicles

Innovations in Last-Mile Delivery

Traffic Management & Congestion Solutions

Public-Private Partnerships in Transportation



A Premier Hub for Industry Leaders

Government Officials & Policymakers

- Heads of State
- Ministers of Transport & Infrastructure
- Trade & Economic Policy Advisors
- Urban Planners & Municipal Leaders

Industry Leaders & Executives

- CEOs & Senior Executives
- Infrastructure Development Companies
- Transportation & Mobility Companies

Technology Innovators & Experts

- Chief Technology Officers (CTOs)
- IT & Technology Directors
- Artificial Intelligence & Machine Learning Specialists
- Cybersecurity Experts

Investors & Financial Institutions

- Venture Capitalists
- Banks & Financial Services Firms

Academics & Researchers

- Green Infrastructure Specialists
- Climate Change & Policy Advocates
- Representatives from Public-Private Partnership Organizations
- Representatives from Global Trade Organizations
- Civil & Structural Engineers
- Urban Infrastructure Planners & Designers

Meet our Esteemed Speakers



Akin Adamson
Director Middle East,
Ricardo Group



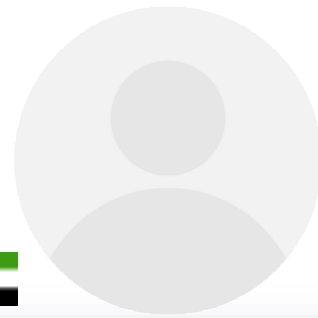
Ammar Alanazi
Director of Big Data Analytics,
General Authority For Statistics



Andrés de León
CEO,
HyperloopTT



Jonathan Spear
Transport Policy and Strategy Advisor,
Act One



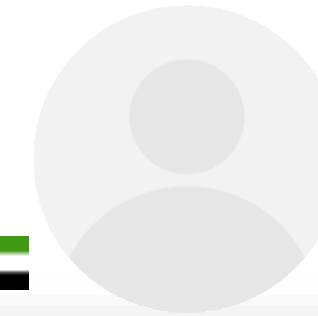
Mooaz Hedahed
Director Strategy and Development,
TRUXX Transportation Technology



Raed Kadri
Head of the Ontario Vehicle Innovation
Network,
The Ontario Centre of Innovation (OCI)



**Lt. Col. Tongkarn
Kaewchalermtong Ph.D**
Chairman of Transportation and Logistics
Working Group ,ASEAN Federation of
Engineering Organizations (AFEO)



Sheeba Hasnain
Chairwoman & CIO,
SENTIENTE

Tuesday

10 December Day 1



10:00 – 11:00 Registration and networking

11:00 – 11:10 Welcome address by conference chairman

Setting the Tone for Navigating the Intersection of Innovation and Mobility

11:10 – 11:20 Government initiatives in next-generation mobility

Keynote address

- Overview of Initiative projects to integrate IoT and real-time data in transportation systems
- Implementing policies to increase the adoption of electric and hybrid vehicles
- Creating flexible regulations to support autonomous vehicle deployment
- Funding research to advance next-generation mobility technologies

11:20 – 11:30 Policy frameworks for future transportation solutions

Keynote address

- Establishing integrated policies to promote sustainable and efficient transportation
- Developing policies that incentivize collaboration between government and private sector
- Formulating policies to improve the quality and reach of public transportation
- Implementing measures to reduce emissions and promote eco-friendly transport options

11:30 – 11:50 Analyzing transformative mobility solutions for urban transportation

Presentation

- Evaluating electric and autonomous vehicle integration
- Implementing smart traffic management systems
- Exploring micro-mobility options for first-last mile connectivity
- Adopting sustainable urban mobility planning strategies

11:50 – 12:30 Pioneering the future of mobility: integrating innovation and sustainability in global transportation

Panel Discussion

- Technological Innovations: Latest advancements in autonomous and electric vehicles.
- Urban Integration: Role of smart city infrastructure in enhancing mobility.
- Sustainability: Strategies for achieving sustainable and eco-friendly transportation solutions.
- Challenges and Opportunities: Addressing the barriers to implementing next-generation mobility technologies.
- Future Roadmap: Vision for the future of global transportation and mobility

Panelists:

Jonathan Spear, Transport Policy and Strategy Advisor, **Act One**
Samantha Rowles, Operations Director, **Serco**

Autonomous Vehicle Advancements: Latest Developments and Implications

12:30 – 12:55 Mobilizing Humanity in New Ways

Presentation

- Exploring how traditional methods face challenges from outdated infrastructure and evolving societal needs.
- Analyzing the strain on our economy and the urgent need for sustainable solutions in mobility.
- Unveiling innovative approaches to redefine travel and enhance connectivity in a rapidly changing world.

Speaker:

Andres De Leon, CEO, **HyperloopTT**

12:55 – 13:20 Revolutionizing Rail: Innovations for a Sustainable Future

Industry Presentation

- Explore cutting-edge advancements that enhance operational efficiency and improve passenger experiences in the rail industry.
- Understand the critical role of rail transport in reducing carbon emissions and promoting greener travel solutions.
- Discover how collaboration within the industry can drive transformation and meet the evolving demands of a globalized society.

Speaker:

Martin Ausserdorfer, CEO, Railtrraction Company (Italy), Member of the Board, **Brenner Base Tunnel**

13:20 – 13:40 Safety Assessment Framework for Autonomous Vehicle using Digital-Twin Based Testing for Malaysian Driving Scenarios

Panel Discussion

- Examining the technological safety advancements driving autonomous vehicles
- Highlighting the importance of infrastructure development for autonomous systems
- Discussing investment opportunities in autonomous vehicle technology
- Exploring partnerships and collaborations to advance autonomous mobility

Speaker:

Ir. Ts. Dr. Vimal Rau Aparow, Co-Director of Smart System Research Cluster, **University of Nottingham Malaysia**

The Role of AI and Big Data in Transforming Mobility

13:45 – 14:00 Leveraging AI and big data for future mobility advancing efficiency and personalization

Presentation

- Discussing the role of AI in optimizing transportation systems
- Exploring big data analytics for traffic flow improvement
- Enhancing vehicle performance through machine learning
- Examining case studies of successful AI implementations in mobility

Tuesday

10 December Day 1

14:00 – 14:20 Innovative AI and big data solutions for modern mobility challenges

- Presentation**
- Utilizing AI to optimize urban traffic management
 - Leveraging big data for predictive maintenance in transportation
 - Implementing AI-driven safety measures in transportation networks

Speaker:
Susheel Sethumadhavan, Partner, Digital and Analytics Practice, **Kearney**

14:20 – 15:00 Optimizing route planning and logistics with AI-driven solutions

- Fire Side Chat**
- Utilizing machine learning algorithms to improve route efficiency
 - Implementing real-time data analytics for dynamic route adjustments
 - Enhancing logistics coordination through predictive analytics
 - Leveraging AI for accurate demand forecasting and resource allocation

Speaker:
Ammar Alanazi, Director of Big Data Analytics, **General Authority for Statistics, KSA**

Smart City Integration & Transportation Networks

15:00 – 15:20 Intelligent transportation and smart cities integrating technology with urban planning

- Presentation**
- Examining the integration of smart technology in urban planning
 - Enhancing traffic management through intelligent transportation systems
 - Improving urban mobility with real-time data analytics
 - Promoting sustainability in city infrastructure

Speaker:
Sheeba Hasnain, Chairwoman & CIO, **SENTIENTE**

15:20 – 15:40 Sustainable Mobility: Pioneering Green Tech and Urbanism for a Greener Future

- Industry Presentation**
- Explore the intersection of innovative green technologies and urban design to reshape mobility in cities.
 - Discover how sustainable transportation solutions, eco-friendly infrastructure, and smart city initiatives can create cleaner, more connected urban environments
 - Hear how to prioritize environmental health and enhance quality of life

Speaker:
Steven Velegrinis, Design Director, Regional Lead Cities & Urban Design, **Gensler**

15:40 – 16:15 Integrating interoperability and sustainable technologies in urban transport infrastructure

- Panel Discussion**
- Establishing universal standards for data communication among transportation systems
 - Integrating renewable energy sources into urban transport infrastructure
 - Utilizing smart grids to optimize energy efficiency in transportation networks
 - Designing adaptable infrastructure to accommodate emerging technologies and urban needs

Speaker:
Eng Jabri, Head of Climatize, **SERCO**

16:15 – 16:30 Investing in smart city solutions developing efficient and sustainable urban transport networks

- Enhancing urban mobility through smart technology integration
- Promoting sustainability in urban transport networks
- Leveraging data analytics for efficient transportation systems

Speaker:
Dr Anas Bataw, Partner - Strategy and Innovation, Chairman - UN Technology Committee Executive Advisor, **WEF ConTech Investments**

16:45 – 17:00 Closing remarks by the conference chairman

17:00 Networking, and end of day one



Wednesday

11 December Day 2



10:00 – 10:45 Registration and networking

10:45 – 11:00 Welcome address by conference chairman

Sustainable Urban Mobility: Integrating Eco-Friendly Vehicles

11:00 – 11:40 Promoting policies and incentives for widespread adoption of eco-friendly vehicles

- Panel Discussion
- Implementing tax credits and rebates for purchasing electric and hybrid vehicles
 - Providing subsidies for research and development of eco-friendly vehicle technologies
 - Introducing low-emission zones to encourage the use of green vehicles in urban areas
 - Creating awareness campaigns to educate the public on the benefits of eco-friendly vehicles

11:40 – 11:55 Holistic integration of electric vehicles into urban transport systems

- Industry Presentation
- Examining the development of comprehensive charging infrastructure
 - Discussing the role of urban planning in accommodating electric vehicles
 - Assessing the impact of electric vehicles on urban traffic and parking management

Speaker:
Akin Adamson, Director Middle East, Ricardo Group

11:55 – 12:15 Driving sustainability in urban mobility: investments in eco-friendly vehicles and green infrastructure

- Industry Presentation
- Implementing smart grid solutions to support EV charging infrastructure
 - Integrating renewable energy sources with urban transport systems
 - Utilizing data analytics to optimize energy efficiency in public transit
 - Designing green infrastructure to promote sustainable urban mobility solutions

Challenges and Opportunities in Urban Air Mobility

12:15 – 12:45 Harnessing drones and flying vehicles for the future of urban transportation

- Presentation
- Developing advanced navigation systems for safe and efficient urban air mobility
 - Integrating drones and flying vehicles into smart city infrastructure
 - Implementing robust communication networks for real-time control and monitoring
 - Addressing energy efficiency and sustainability in urban air transportation solutions

12:45 – 13:05

Future-proofing UAV operations: regulatory trends and strategic opportunities for sustainable growth

- Presentation
- Analyzing emerging regulatory trends affecting UAV operations
 - Identifying strategic opportunities within evolving regulatory frameworks
 - Implementing proactive compliance strategies to mitigate risks

Speaker:
Nayera Bahgat, Manager, Mobility, Defense and Advanced Industrials Practice, Kearney

13:05 – 13:45

Urban air mobility: navigating challenges and harnessing opportunities in drones and flying vehicles

- Panel Discussion
- Developing regulatory frameworks for the safe integration of drones into urban airspace
 - Advancing autonomous flight technology for reliable urban air mobility solutions
 - Ensuring cybersecurity for communication and control systems in urban air mobility
 - Addressing public acceptance and noise pollution concerns with innovative design solutions

Speaker:
Pedro Aguas, Principal, Mobility, Defense and Advanced Industrials Practice, Kearney

Future of Freight and Logistics: Innovations in Last-Mile Delivery

13:45 – 14:00

Enhancing efficiency, reducing costs, and promoting sustainability in innovative last-mile delivery solutions

- Presentation
- Implementing advanced logistics technologies to streamline last-mile delivery
 - Utilizing data analytics to optimize delivery routes and reduce fuel consumption
 - Adopting eco-friendly vehicles and sustainable practices in delivery operations
 - Leveraging automation and robotics to enhance efficiency and reduce operational costs

14:00 – 14:20

Investing in the future of logistics: transformative technologies for last-mile delivery

- Presentation
- Integrating IoT solutions to enhance real-time tracking and delivery efficiency
 - Leveraging AI and machine learning for predictive analytics in last-mile logistics
 - Implementing autonomous vehicles and drones for cost-effective delivery solutions
 - Utilizing blockchain technology for secure and transparent supply chain management

14:20 – 15:00

Revolutionizing last-mile delivery: innovations and their impact on efficiency, cost, and sustainability

- Panel Discussion
- Implementing autonomous delivery vehicles to enhance last-mile efficiency
 - Developing drone delivery systems for faster and more sustainable last-mile logistics
 - Integrating smart lockers and pickup points to streamline delivery and reduce traffic
 - Exploring renewable energy solutions to power eco-friendly delivery fleets

Wednesday

11 December Day 2

Traffic Management & Congestion Solutions

15:00 – 15:15 Overview of innovative solutions to urban congestion

Industry Presentation

- Implementing intelligent traffic management systems for real-time congestion control
- Utilizing data analytics to optimize traffic flow and reduce bottlenecks
- Developing smart infrastructure for seamless integration of public and private transport

15:15 – 15:35 Investing in smart traffic solutions for reducing urban congestion

Industry Presentation

- Implementing smart traffic signal systems to optimize traffic flow
- Integrating IoT solutions to enhance traffic monitoring and control
- Developing public-private partnerships for funding smart traffic infrastructure

15:35 – 16:15 Innovative traffic management and congestion solutions for urban areas

Panel Discussion

- Utilizing data analytics to predict and alleviate traffic bottlenecks
- Developing smart parking solutions to reduce search traffic and congestion
- Integrating multimodal transportation options to enhance urban mobility
- Leveraging IoT and sensor technologies for comprehensive traffic monitoring

Public-Private Partnerships in Transportation

16:15 – 16:30 Driving innovation in transportation through public-private partnerships: success stories and future opportunities

Fireside Chat

- Developing smart transportation infrastructure through public-private collaboration
- Implementing innovative funding models for large-scale transportation projects
- Integrating advanced technologies in public transit systems via partnerships
- Enhancing traffic management and safety through collaborative efforts

17:15 – 17:30 Closing remarks by the conference chairman

17:30 Networking, and end of day two



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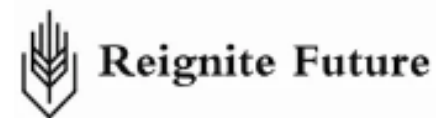


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