

TransMobility Forum (TMF) Preliminary Agenda	
Day 1: Tuesday, 10 December 2024	
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	Keynote address: Government initiatives in next-generation mobility
11:20 – 11:30	Keynote address: Policy frameworks for future transportation solutions
11:30 – 11:50	Government initiatives in next-generation mobility Khaled Eleimat , Project Director, Government Entity
11:50 – 12:30	Opening Leaders Panel Discussion: Pioneering the future of mobility: integrating innovation and sustainability in global transportation <ul style="list-style-type: none"> • 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. <p>Panelists:</p> <p>Dr. Dheeraj Bhardwaj, Group CEO, City Group Co. KSC Dr. Muhammad A. Mustafa, Regional Director – Mobility & Planning, Egis Middle East & South Asia James Luxbacher, Chief Business Development Officer, SIXT Jonathan Spear, Transport Policy and Strategy Advisor, AtkinsRéalis Samantha Rowles, Operations Director, Serco Rami Karout, Senior Adviser, Middle East and North Africa, IRU</p>
Autonomous Vehicle Advancements: Latest Developments and Implications	
12:30 – 12:55	Presentation: Mobilizing Humanity in New Ways <ul style="list-style-type: none"> • Exploring how traditional methods face challenges from outdated infrastructure and evolving societal needs.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. <p>Andrés de León, CEO, HyperloopTT</p>
12:55 – 13:20	Presentation: Revolutionizing Rail: Interoperability in European Railway <ul style="list-style-type: none"> • 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. <p>Martin Ausserdorfer, CEO, Railtrraction Company (Italy), Member of the Board, Brenner Base Tunnel</p>
13:20 – 13:40	Revolutionizing Transportation: The Impact of Autonomous and Electric Vehicles on Logistics <ul style="list-style-type: none"> • Examine how autonomous and electric vehicles enhance efficiency, reduce costs, and improve service quality in urban logistics. • Discuss the advancements in self-driving technology and electric powertrains that are reshaping long-distance freight transportation and lowering carbon emissions

	<ul style="list-style-type: none"> Explore the integration of smart technologies and sustainable practices in logistics, driving the transition toward greener and more efficient transportation systems <p>Nusrulha Wani, Key Accounts Manager – MEAI, Traffic Technology & Automation, VITRONIC</p>
13:40 – 14:00	<p>Presentation: Safety Assessment Framework for Autonomous Vehicle using Digital-Twin Based Testing for Malaysian Driving Scenarios</p> <ul style="list-style-type: none"> 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 <p>Ir. Ts. Dr. Vimal Rau Aparow, Co-Director of Smart System Research Cluster, University of Nottingham Malaysia</p>
The Role of AI and Big Data in Transforming Mobility	
14:00 – 14:20	<p>Presentation: Innovative AI and big data solutions for modern mobility challenges</p> <ul style="list-style-type: none"> Utilizing AI to optimize urban traffic management Leveraging big data for predictive maintenance in transportation Implementing AI-driven safety measures in transportation networks <p>Susheel Sethumadhavan, Partner, Digital and Analytics Practice, Kearney</p>
14:20 – 15:00	<p>Panel Discussion: Optimizing route planning and logistics with AI-driven solutions</p> <ul style="list-style-type: none"> 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 <p>Panelists: Ammar Alanazi, Director of Big Data Analytics, General Authority for Statistics, KSA Ahmed Khair, Executive Member of The National Logistics Committee, Federation of Saudi Chambers Kishore D'souza, Head of Logistics, Hydac Middle East FZCO Dr. Mohamed Ezzat Al-Atroush, Associate Professor of Geotechnical Engineering Civil and Environmental Engineering Program, Prince Sultan University Ahmed Khair, Executive Member of The National Logistics Committee, Federation of Saudi Chambers</p>
15:00 – 15:20	<p>Bridging Gaps in Logistics: The Transformative Power of Aggregators for an Enhanced User Experience.</p> <p>Moaaz Hedahed, Director of Strategy and Business Development, TRUXX Transportation Technology</p>
Smart City Integration & Transportation Networks	
15:20 – 15:40	<p>Presentation: Intelligent transportation and smart cities integrating technology with urban planning</p> <ul style="list-style-type: none"> 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 <p>Sheeba Hasnain, Chairwoman & CIO, SENTIENTE</p>
15:40 – 16:00	<p>Presentation: Sustainable Mobility: Pioneering Green Tech and Urbanism for a Greener Future</p> <ul style="list-style-type: none"> 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

	<ul style="list-style-type: none"> Hear how to prioritize environmental health and enhance quality of life <p>Steven Velegrinis, Design Director, Regional Lead Cities & Urban Design, Gensler</p>
16:00 – 16:35	<p>Panel Discussion: Integrating interoperability and sustainable technologies in urban transport infrastructure</p> <ul style="list-style-type: none"> 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 <p>Panellists: Mohannad Salam, Regional Lead for Smart Cities Advisory, AtkinsRéalis Ahmed Abd El Hady Mohamed, Director of Quality and Environment General Administration, Quality and Environmental Affairs Holding Company for Water and Waste Water Egypt</p>
16:35 – 17:00	<p>Presentation: Investing in smart city solutions developing efficient and sustainable urban transport networks</p> <ul style="list-style-type: none"> Enhancing urban mobility through smart technology integration Promoting sustainability in urban transport networks Leveraging data analytics for efficient transportation systems <p>Dr Anas Bataw, Partner - Strategy and Innovation, Chairman - UN Technology Committee Executive Advisor - WEF ConTech Investments</p>
17:00 – 17:05	Closing remarks by the conference chairman
17:05	Networking, and end of day one

TransMobility Forum (TMF) Preliminary Agenda	
Day 2: Wednesday, 11 December 2024	
10:00 – 10:45	Registration and networking
10:45 – 11:00	Welcome address by Conference Chairman
Public-Private Partnerships in Transportation	
11:00 – 11:30	<p>Panel Discussion: Driving innovation in transportation through public-private partnerships: success stories and future opportunities</p> <ul style="list-style-type: none"> 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 <p>Panelists: Michael Pearson, Partner & Co-Head of Global Infrastructure Sector, Clifford Chance Adam Ridgway, Founder & CEO, One Moto Dr. Ali O. Melibari, Project Management Consultant, Jeddah Municipality & Chairman, Transportation Planning & Traffic Safety Chapter of Saudi Society for Urban Sciences</p>
Sustainable Urban Mobility: Integrating Eco-Friendly Vehicles	
11:30 – 11:50	<p>Presentation: Strategic Partnership for Smart City and Sustainable Mobility in the Global South</p> <ul style="list-style-type: none"> Learn how strategic partnerships can effectively address critical issues like traffic congestion and pollution in rapidly urbanizing areas of the Global South. Discover innovative funding solutions and collaborative approaches that can mobilize resources for sustainable infrastructure projects, bridging the gap in current capabilities. Explore the potential of AI-driven traffic management systems and electric autonomous vehicles to transform mobility and improve accessibility in underserved communities.

	<ul style="list-style-type: none"> Understand how cross-sector cooperation can support policy frameworks that drive net-zero carbon initiatives and foster green infrastructure for a sustainable urban future. <p>Tuhu Nugraha, Principal, Indonesia Applied Digital Economy and Regulatory Network (IADERN) & Advisor, Modern Diplomacy</p>
11:50 – 12:10	<p>Presentation: Holistic integration of electric vehicles into urban transport systems</p> <ul style="list-style-type: none"> 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 <p>Akin Adamson, Director Middle East, Ricardo Group</p>
12:10 – 12:30	<p>Presentation: Driving sustainability in urban mobility: investments in eco-friendly vehicles and green infrastructure</p> <ul style="list-style-type: none"> 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 <p>Adam Ridgway, Founder & CEO, One Moto</p>
12:30 – 12:50	<p>Presentation: Autonomous E-Mobility</p> <p>Prof. Dr. Frank Himpel, Director Institute of Logistics, Anhalt University of Applied Sciences, Germany</p>
Challenges and Opportunities in Urban Air Mobility	
12:50 – 13:10	<p>Presentation: Future-proofing UAV operations: regulatory trends and strategic opportunities for sustainable growth</p> <ul style="list-style-type: none"> Analyzing emerging regulatory trends affecting UAV operations Identifying strategic opportunities within evolving regulatory frameworks Implementing proactive compliance strategies to mitigate risks <p>Nayera Bahgat, Manager, Mobility, Defense and Advanced Industrials Practice, Kearney</p>
13:10 – 13:40	<p>Fire Side Chat: Urban air mobility: navigating challenges and harnessing opportunities in drones and flying vehicles</p> <ul style="list-style-type: none"> 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 <p>Panellists: Pedro Aguas, Principal, Mobility, Defense and Advanced Industrials Practice, Kearney Hesham ElGindy, Vice President- Governance, Risk and Compliance, TAQA Saudi Arabia</p>
Future of Freight and Logistics: Innovations in Last-Mile Delivery	
13:40 – 14:00	<p>Presentation: Future of Freight and Logistics: Innovations in Last-Mile Delivery</p> <ul style="list-style-type: none"> Exploration of cutting-edge innovations and technologies transforming last-mile delivery Insights on the impact of innovations on supply chain performance and customer satisfaction <p>Gary Young, Head of External Sales, Business Unit Automation, VITRONIC</p>
14:00 – 14:20	<p>Presentation: Investing in the future of logistics: transformative technologies for last-mile delivery</p>

	<ul style="list-style-type: none"> 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 <p>Ahmed Gobara, Head of Logistics, TALABNA</p>
14:20 – 14:40	<p>Presentation: Enhancing efficiency, reducing costs, and promoting sustainability in innovative last-mile delivery solutions</p> <ul style="list-style-type: none"> Implementing advanced logistics technologies to streamline last-mile delivery Adopting eco-friendly vehicles and sustainable practices in delivery operations Leveraging automation and robotics to enhance efficiency and reduce operational costs <p>Lt.Col.Tongkarn Kaewchalermtong Ph.D., Chairman of Transportation and Logistics Working Group, ASEAN Federation of Engineering Organizations (AFEO)</p>
14:40 – 15:00	<p>Presentation: Enhancing Regional and Multimodal Transport and Logistic</p> <p>Dante Kluver, Regional Manager UAE & Cargo Operations Centre, Etihad Airways</p>
Traffic Management & Congestion Solutions	
15:00 – 15:20	<p>Presentation: Analyzing transformative mobility solutions for urban transportation</p> <ul style="list-style-type: none"> Leveraging data to assess the impact for urban mobility solutions Elevating the importance of both a system and service level understanding of impact A vision for assessing the impact of new mobility services <p>Luke Ward, Head of Projects & Growth, EMEA, Liftango</p>
15:20 – 15:40	<p>Case Study: Overview of innovative solutions to urban congestion</p> <ul style="list-style-type: none"> 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 <p>Aurelie Dos Santos, Smart City Lead, Egis Middle East & South Asia</p>
15:40 – 16:00	<p>Investing in smart traffic solutions for reducing urban congestion</p> <ul style="list-style-type: none"> 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
16:05	Closing remarks by the conference chairman
16:10	Networking lunch, and end of day two