FUTURE MOVE FORUM

Organised by:

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Shaping the Future of Sustainable Mobility through Next-Generation Innovation and Intelligence

2-4 July 2025 at QSNCC, Bangkok



Exclusively at:

MobilityTech Asia | BANGKOK

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About

The Future MOVE Forum is a leading international platform jointly initiated by the Mobility & Vehicle Technology Research Center (MOVE), King Mongkut's University of Technology Thonburi (KMUTT), and Informa Markets Thailand. As the flagship conference of MobilityTech Asia Bangkok 2025, this forum brings together thought leaders, policymakers, researchers, and industry pioneers from around the world to accelerate the evolution of future mobility, a vital engine for economic transformation, environmental sustainability,and social progress.

In today's rapidly changing world, transportation systems must adapt to digital innovation, carbon neutrality goals, and shifting societal needs. The Future MOVE Forum serves as a strategic platform that enables cross-sector dialogue, collaborative problem-solving, and breakthrough thinking. It reflects a shared commitment between academia and industry to advance mobility through interdisciplinary exchange, data-driven policy development, and the adoption of next-generation technologies.

By combining Informa's global network and expertise in event organization with MOVE's academic leadership and policy experience, the forum delivers impactful discussions on electric vehicles, hydrogen infrastructure, intelligent transport systems, and emerging mobility ecosystems. It is not merely a conference but a strategic initiative to shape the future of mobility in Thailand, across ASEAN, and around the world.

Through visionary dialogue and practical collaboration, the Future MOVE Forum seeks to inspire action and contribute to the development of mobility systems that are smart, sustainable, inclusive, and resilient for the years ahead.

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MobilityTech Asia | BANGKOK

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on Future Transportation and Smart Mobility

MobilityTech Asia | BANGKOK

1-3 JULY 2026

QSNCC, BANGKOK, THAILAND



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Co-organised by: EMT

Organised by: informa markets

Event is powered by: Renewable Electricity

FUTURE MOVE FORUM

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  Head of MOVE Research Center, KMUTT
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  Country General Manager of Informa Markets – Thailand
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Assoc. Prof. Dr. Yossapong Laoonual

Assistant to the President for Sustainability
Head of MOVE Research Center, KMUTT



It is my great pleasure to welcome all distinguished guests, experts, and delegates to the inaugural Future MOVE Forum, proudly presented by the Mobility & Vehicle Technology Research Center (MOVE) at King Mongkut's University of Technology Thonburi (KMUTT), in collaboration with Informa Markets Thailand, as part of MobilityTech Asia Bangkok 2025

We are living in a time of profound transformation, where the urgency of climate action and the acceleration of technological advancement are redefining the future of transportation. The Future MOVE Forum has been established as a platform for bold ideas and collaborative efforts, where innovation is driven by the need for sustainability and where visionary thinking leads to real-world impact.

This first edition of the forum will explore four key themes central to future mobility: Electric Vehicles and Energy Grid Integration, Hydrogen Vehicle and Infrastructure, Connected Autonomous Vehicles, and Next-Generation Mobility Services and Ecosystems. Through knowledge sharing and dialogue, we aim to enhance regional capabilities, inform policy, and encourage investment in the transition to zero-emission and intelligent mobility systems.

I sincerely thank all our speakers, partners, and participants for their valuable contributions. Your engagement is essential to shaping a mobility future that not only transports people but also empowers societies toward resilience, equity, and long-term sustainability.

Mr. Sanchai Noombunnam

Country General Manager
Informa Markets - Thailand



It is with great pride that Informa Markets joins as a co-organizer of the inaugural Future MOVE Forum. On behalf of our entire team, I extend our deepest appreciation to all partners, collaborators, and participants whose dedication has brought this visionary event to life. This forum marks not only the beginning of a new chapter in mobility innovation but also a meaningful milestone in fostering strategic dialogue and cross-sector collaboration. We are honored to be part of this transformative journey from its very first step.

At Informa Markets, we recognize the critical role that clean energy and sustainable mobility play in shaping the future. Through our collaboration with the Mobility & Vehicle Technology Research Center (MOVE), King Mongkut's University of Technology Thonburi (KMUTT), we are proud to bring to life an international conference that reflects our commitment to innovation and sustainability. As one of the flagship conferences of the MobilityTech Asia – Bangkok event, the Future MOVE Forum serves as a forward-looking platform that explores transformative ideas—from intelligent connectivity and automation to energy-efficient solutions—driving the future of land, sea, and air mobility across Asia.

On this occasion, I would like to extend my heartfelt appreciation to Assoc. Prof. Dr. Suvit Saetia, President of King Mongkut's University of Technology Thonburi (KMUTT), and Assoc. Prof. Dr. Yossapong Laoonual, Head of the Mobility and Vehicle Technology Research Center (MOVE), King Mongkut's University of Technology Thonburi (KMUTT), for their exceptional leadership and collaboration. Their unwavering support and shared vision are key to shaping this platform into a hub of knowledge exchange and innovation. Together, we are paving the way for a sustainable mobility ecosystem—one that is smarter, cleaner, and more connected for generations to come.

2 July 2025 (13:00 – 16:00 hrs.)

at Future MOVE Forum, Hall 1, QSNCC, Bangkok, Thailand

Session I : Electric Vehicles and Energy Grid Integration

Agenda:

- **Electric Motorbike Frame Design Using Additive Manufacturing for Cost Reduction**
  Dr. Robert Taylor, Professor of Practice in Mechanical and Aerospace Engineering, University of Texas at Arlington

- **Development of High-Performance Powertrain Technology for Micro E-Mobility**
  Mr. Jason Huang, President, Sentec Green Technology Co., Ltd.

- **The Role of Smart Grid Technologies in EV Charging**
  Stephanie Wu, Senior Analyst, OMDIA

- **Unlocking Grid Flexibility: The Role of EVs for Future Grid Operation and Renewable Integration**
  Dr. Mahendra Singh, Senior Researcher, Fraunhofer Institute for Systems and Innovation Research

- **Eliminate Battery Fires and Mass Recalls**
  Dr. Atichat Rotjanakorn, Business Development, 24M Technologies

- **Unlocking Electric Two-Wheelers Adoption in Thailand: Strategic Solutions to Key Challenges**
  Nattaphorn Buayam, Ph.D., Research Fellow, Thailand Development Research Institute (TDRI)

- **Panel Discussion "Scaling Up EV Adoption: Is the Grid Ready for the Surge?"**
  · **Mr. Pierre-Louis Dardenne**, New Energy Landscape Sales Manager, Schneider Electric
  · **Mr. Nicholas Yeoh**, Regional Head- Southeast Asia, i-charging

Moderator : **Thomas Lynch**, Vice President, OMDIA

3 July 2025 (10:30 – 12:00 hrs.)

at Future MOVE Forum, Hall 1, QSNCC, Bangkok, Thailand

Session II : Hydrogen Vehicle and Infrastructure

Agenda:

- **Green Hydrogen as a Decarbonization Key for Transportation**
  Dr. Pramote Puengjinda, Senior Advisor, GIZ Thailand

- **Panel Discussion "The Role of Hydrogen in Decarbonizing the Transport Sector -focus on ASEAN"**
  · **Mr. Ricky Cahya Andrian**, Vice President Decarbonization, Business Development, PT PLN (Persero) Indonesia
  · **Mr. Tanai Potisat**, Head of Business Development SE/ASIA, Enapter Thailand
  · **Dr. Narun Suwanchotchoung**, Treasurer, Hydrogen Thailand Association
  · **Prof. Ock Taeck Lim**, School of Mechanical Engineering, College of Engineering, University of Ulsan, South Korea
  · **Mr. Ryuki Oshima**, Mobility and Communication Division, Mitsubishi Research Institute Inc., Japan

Moderator : **Prof. Srithar Rajoo, PhD, Director**,
Institute for Sustainable Transport (IST), University Teknologi Malaysia

4 July 2025 (10:15 – 11:45 hrs.)

at Future MOVE Forum, Hall 1, QSNCC, Bangkok, Thailand

Session III: Connected Autonomous Vehicles

Agenda:

- **Smart Electric Vehicles for Sustainable Agriculture**
  Dr. Thavida Maneewarn, Founder and Director, Raina Robotech

- **Conversational AI applications for Automotive Industry**
  Dr. Jie Cheng, Founder & Chairman, Gausscode Technology

- **The Global Leader for Advanced Technology Solutions by 3D Perception Engine**
  - **Ms. Wareemon Purapati**, Co-Founder and CEO, Gensurv Robotics.
  - **Mr. Seonghun Lim**, Senior Business Manager, Seoul Robotics

- **AI: Accelerating Mobility Transformation**
  Mr. Worawisit Chana-ngam, Senior Manager, Bosch Cross-Domain Computing Solutions ASEAN

4 July 2025 (13:15 – 15:15 hrs.)

at Future MOVE Forum, Hall 1, QSNCC, Bangkok, Thailand

Session IV: Next-Gen Mobility Services & Ecosystems

Agenda:

- **Digital Battery Passports – Benefits, Cost and Their Impact on a Sustainable Battery Supply Chain in Southeast Asia.**
  Dr. Andreas Schneider, Founder, Enlightened Mobility

- **Safety Service in AI Era**
  Mr. Mark Yang, President, HealthLink Services Co., Ltd.

- **Unlocking The Skies: Enabling UAS for Seamless Mobility in Thailand and Beyond**
  Mr. Wasanchai Vongsantivanich, Founder - CEO, DELV Aerospace

- **Panel Discussion "Technology Empowering Battery Lifecycle Transparency: The Role of Battery Passports"**
  - **Mr. Sanshiro Fukao**, Executive Fellow, ITOCHU Research Institute Inc. Board Member, Mobility Open Blockchain Initiative, Advisor, The Drivery
  - **Dr. Andreas Schneider**, Founder, Enlightened Mobility

Moderator **Asst. Prof. Dr.Supachai Vongbunyong**,
Director Institute of Field Robotics (FIBO)

Shaping the Future of Sustainable Mobility

through Next-Generation Innovation and Intelligence

Connect with Global Experts in Smart & Sustainable Mobility



Dr. Robert Taylor
Professor of Practice in Mechanical and Aerospace Engineering
University of Texas at Arlington



Mr. Jason Huang
President
Sentec Green Technology Co., Ltd.



Stephanie Wu
Senior Analyst of Energy & Smart Infrastructure, OMDIA



Dr. Mahendra Singh
Senior Researcher
Fraunhofer Institute for Systems and Innovation Research



Dr. Atichat Rotjanakorn
Business Development Manager
24M Technologies



Nattaphorn Buayam, Ph.D.
Research Fellow
Thailand Development Research Institute (TDRI)



Mr. Pierre-Louis Dardenne
New Energy Landscape Sales Manager, Schneider Electric



Mr. Nicholas Yeoh
Regional Head- Southeast Asia
i-charging



Thomas Lynch
Vice President
OMDIA



Dr. Pramote Puengjinda
Senior Technical Advisor
GIZ Thailand



Mr. Ricky Cahya Andrian
Vice President Decarbonization, Business Development
PT PLN (Persero) Indonesia



Mr. Tanai Potisat
Head of Business Development SE/ASIA
Enapter Thailand



Dr. Narun Suwanchotchoung
Treasurer
Hydrogen Thailand Association



Prof. Ock Taeck Lim
School of Mechanical Engineering, College of Engineering
University of Ulsan, South Korea



Mr. Ryuki Oshima
Mobility and Communication Division, Mitsubishi Research Institute Inc., Japan



Prof. Srithar Rajoo, PhD
Director, Institute for Sustainable Transport (IST)
Universiti Teknologi Malaysia



Dr. Thavida Maneewarn
Founder and Director
Raina Robotech Co. Ltd.



Dr. Jie Cheng
Founder & Chairman
Gausscode Technology



Ms. Wareemon Purapati
Co-Founder and Managing Director
Gen Serv Co., Ltd. (Gensurv Robotics)



Mr. Seonghun Lim
Senior Business Manager
Seoul Robotics



Mr. Worawisit Chana-ngam
Senior Manager
Bosch Cross-Domain Computing Solutions ASEAN



Dr. Andreas Schneider
Founder
Enlightened Mobility



Mr. Mark Yang
President
HealthLink Services Co., Ltd.



Mr. Wasanchai Vongsantivanich
Founder - CEO
DELV Aerospace



Mr. Sanshiro Fukao
Executive Fellow, ITOCHU Research Institute Inc. Board Member, Mobility Open Blockchain Initiative
Advisor, The Drivery



Asst. Prof. Dr. Supachai Vongbunyong
Director
Institute of Field Robotics (FIBO)

2 July 2025

Session I : Electric Vehicles and Energy Grid Integration

"Electric Motorbike Frame Design Using Additive Manufacturing for Cost Reduction"



Dr. Robert Taylor
Professor of Practice in Mechanical and Aerospace Engineering University of Texas at Arlington

UTA Engineering

Dr. Robert Taylor is a Professor of Practice in Mechanical and Aerospace Engineering at the University of Texas at Arlington where he teaches classes in structural mechanics, design, and manufacturing. His research efforts focus on structural optimization with an emphasis on design for additive manufacturing. Dr. Taylor previously is currently a visiting Professor at King Mongkut's University of Technology Thonburi (KMUTT) and served as a Fulbright US Scholar at KMUTT in 2024. He also previously worked at Lockheed Martin Aeronautics and BeechCraft performing work in structural optimization and analysis. Dr. Taylor received a Ph.D. and M.S. from Purdue University and a B.S. from Brigham Young University.

2 July 2025

Session I : Electric Vehicles and Energy Grid Integration

"Development of High-Performance Powertrain Technology for Micro E-Mobility"

- Committee members in the National Science and Technology Council(https://www.nstc.gov.tw/ostp/ch/)
- Vice Chairman in EV Powertrain SIG of TADA Association (Taiwan Advanced Automotive Development Association
- Co-Chair in SiC Powertrain SIG of MIH (Foxconn) (https://www.mih-ev.org/tw/index/)
- Innovation Award in "New Energy Vehicle Congress": "High Power Density GaN Module"
- Best Power Packaging Award in Trendforce Institute 2004 San Jose States University - Double Majors in both Engineering & Business Department



Mr. Jason Huang
President
Sentec Green Technology Co., Ltd.

SENTEC

2 July 2025

Session I : Electric Vehicles and Energy Grid Integration

"The Role of Smart Grid Technologies in EV Charging"



Stephanie Wu
Senior Analyst of Energy & Smart Infrastructure
OMDIA

Omdia by informa techtarget

Stephanie is a Senior Analyst in Omdia's Energy & Smart Infrastructure team with over 15 years of automotive and energy experience. With a decade-long career at General Motors, she honed her skills in various roles, including communications, quality strategy, market research, and product portfolio planning. This diverse background provides her with a unique perspective on the intersection of technology, innovation, and consumer behavior.

Currently, Stephanie leverages her expertise to analyze global energy and smart infrastructure markets at Omdia. Her focus areas include smart meters, smart grids, and EV charging infrastructure. She has a deep understanding of the technological advancements, market trends, and regulatory landscape shaping these industries.

Stephanie is a recognized authority in the field, regularly publishing insightful reports and analysis on industry trends. Her work provides valuable guidance to industry stakeholders, including utilities, technology providers, and policymakers.
Stephanie received her master's degree in communications from Shanghai International Studies University.

2 July 2025

Session I : Electric Vehicles and Energy Grid Integration

"Unlocking Grid Flexibility: The Role of EVs for Future Grid Operation and Renewable Integration"



Dr. Mahendra Singh
Senior Researcher
Fraunhofer Institute for Systems and Innovation Research

Fraunhofer ISI

Dr. Mahendra Singh is currently employed as a senior researcher at the Competence Center for Energy Technologies and Energy Systems at Fraunhofer ISI. He, holds a joint doctorate from the Grenoble Institute of Technology (Grenoble INP), France, and the European Institute of Innovation and Technology (EIT). Prior to his tenure at Fraunhofer, Dr. Singh conducted research at Fraunhofer USA and the Maersk McKinney Moller Institute in Denmark. His current research activities include energy flexibility, digitalization, technology assessment, energy services, and business model development. Additionally, he is involved in various projects at European, national, and international levels.

2 July 2025

Session I : Electric Vehicles and Energy Grid Integration

"Eliminate Battery Fires and Mass Recalls"

Dr. Atichat Rotjanakorn is a seasoned product and business development expert with 20 years in automotive and renewable energy. A sustainability champion,his focus on electric vehicle advancements is complemented by a successful history in crafting sustainable solutions. He has actively participated in global engineering teams for product development and launch across diverse automotive, grid energy, and heavy-duty applications.



Dr. Atichat Rotjanakorn
Business Development Manager
24M Technologies

24m

2 July 2025

Session I : Electric Vehicles and Energy Grid Integration

"Unlocking Electric Two-Wheelers Adoption in Thailand: Strategic Solutions to Key Challenges"



Nattaphorn Buayam, Ph.D.
Research Fellow
Thailand Development Research Institute (TDRI)

TDRI THAILAND DEVELOPMENT RESEARCH INSTITUTE

Dr. Nattaphorn Buayam is a research fellow at the Thailand Development Research Institute (TDRI), working at the intersection of science, policy, and sustainable development. Her expertise spans sustainable mobility, green technology policy, and end-of-life (EoL) management of batteries, solar PV systems, and electric vehicles (EVs).

She holds a DPhil from the University of Oxford and has conducted research at the University of Oxford, the University of Cambridge, and the Kyoto Institute of Technology. At TDRI, her work focuses on EoL management, promoting the adoption of clean energy technologies such as EVs and solar PV, energy transition policy, and climate-smart agriculture. She has contributed to projects with both Thai and international organisations, including the World Bank and ATRANS, addressing low-carbon transport, the circular economy, and climate resilience in agriculture and energy systems.

Dr. Nattaphorn is passionate about applying science and innovation to solve real-world challenges and shape inclusive, forward-looking policy in Thailand. She also actively supports initiatives that connect academic research with entrepreneurship and public policy.

2 July 2025

Session I : Electric Vehicles and Energy Grid Integration

Panel Discussion “Scaling Up EV Adoption: Is the Grid Ready for the Surge?”



Thomas Lynch
Vice President
OMDIA

Thomas leads the smart infrastructure team at OMDIA as part of Informa PLC, making the group a recognized leader in smart infrastructure research and market intelligence. He and his team examine the global markets and trends in energy; EV; electricity; smart security; safe cities and future technologies connecting cities globally. Thomas has over 25 years experience in technology, formally as an engineer and now a chartered in management and marketing as well as completing his MBA in the UK.

2 July 2025

Session I : Electric Vehicles and Energy Grid Integration

Panel Discussion “Scaling Up EV Adoption: Is the Grid Ready for the Surge?”

As Regional Head of Southeast Asia at i-charging, Nicholas oversees the company’s expansion and operations across the region, working closely various stakeholders to accelerate the transition to electric mobility. i-charging, headquartered in Portugal, develops advanced and flexible EV charging solutions designed to serve all charging standards and use cases — from urban fast charging to highway infrastructure. With more than 15 years in e-mobility and technology, Nicholas is focused on enabling the rollout of intelligent, future-ready charging networks that align with Southeast Asia’s evolving transport and energy needs.



Mr. Nicholas Yeoh
Regional Head-
Southeast Asia
i-charging

2 July 2025

Session I : Electric Vehicles and Energy Grid Integration

Panel Discussion “Scaling Up EV Adoption: Is the Grid Ready for the Surge?”



Mr. Pierre-Louis Dardenne
New Energy Landscape
Sales Manager
Schneider Electric

Pierre-Louis is a forward-thinking leader at Schneider Electric, currently serving as Sales Manager with a mission to shape the New Energy Landscape. Since joining the company in 2013, he has held pivotal roles including Business Development Lead and Utility-Scale Solar Project Manager, where he successfully drove large-scale renewable energy initiatives and strategic partnerships. With deep expertise in energy systems and digital transformation, Pierre-Louis is dedicated to delivering innovative solutions that enhance grid resilience, efficiency, and sustainability. His work focuses on integrating electric vehicles, distributed energy resources, and AI-powered technologies into modern energy infrastructures.

Pierre-Louis is a passionate advocate for grid modernization, leveraging data-driven insights and advanced software to empower utilities and industries in their transition to a smarter, cleaner energy future. His leadership continues to drive impactful change across markets, aligning technology with sustainability goals.

3 July 2025

Session II: Hydrogen Vehicle and Infrastructure

"Green Hydrogen as a Decarbonization Key for Transportation"



Dr. Pramote Puengjinda
Senior Technical Advisor
GIZ Thailand

giz Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Dr. Pramote Puengjinda is a hydrogen technology expert with over 17 years of experience in research and industry. He earned his Ph.D. in Solid-Oxide Fuel Cell (SOFC) Technology from Kyoto University and spent eight years conducting advanced research on reversible solid oxide electrolysis cells (r-SOEC) at Japan's Clean Energy Research Center, focusing on green hydrogen production and efficient power generation.
He also held a strategic role at PTT Group, contributing to low-carbon technology projects. Currently, he serves as a Senior Technical Advisor at GIZ Thailand under the H2Uppp programme, supporting early-stage market development of green hydrogen and Power-to-X (PtX) products in Southeast Asia. His expertise helps drive the region's clean energy transition and hydrogen economy development.

3 July 2025

Session II: Hydrogen Vehicle and Infrastructure

Panel Discussion "The Role of Hydrogen in Decarbonizing the Transport Sector - Focus on ASEAN"

Mr. Ricky Cahya Andrian is an Electrical Engineer in PLN State Owned electric Company of Indonesia, with an experience over 20 years in the planning and operational Power System, operational and maintenance HV Substation System. Now he has been closely to Green Hydrogen Production, Storage, Distribution and utilization in Indonesia. He joined Indonesia Fuel Cell Hydrogen Energy (IFHE). Mr Ricky Cahya Andrian is the one who makes PLN being a leader in Green Hydrogen Ecosystem in Indonesia. He is also a Chairman for Smart Energy Society Indonesia



Mr. Ricky Cahya Andrian
Vice President
Decarbonization,Business Development
PT PLN (Persero) Indonesia

PLN

3 July 2025

Session II: Hydrogen Vehicle and Infrastructure

Panel Discussion "The Role of Hydrogen in Decarbonizing the Transport Sector - Focus on ASEAN"



Mr. Tanai Potisat
Head of Business Development SE/ASIA
Enapter Thailand

Enapter

Tanai Potisat is the Country Director at Enapter, where he leads the development of the hydrogen energy market across Thailand and Southeast Asia. With a strong focus on decarbonization and energy innovation, Tanai has been driving the transition toward green hydrogen solutions. His notable work includes the Phi Suea House project in Chiang Mai, a pioneering initiative that became the world's first hydrogen-powered residence, learning center at EGAT and Chiang Mai University showcasing the potential of integrated renewable-hydrogen systems.

In addition to his role at Enapter, Tanai is the founder of ReCharge, a social enterprise focused on solving rural electrification challenges. ReCharge delivers state-of-the-art off-grid energy systems, including solar microgrids and hydrogen storage, while embedding community collaboration and local capacity building at the heart of each deployment. The initiative has successfully empowered underserved communities by enhancing energy access, sustainability, and self-reliance.

3 July 2025

Session II: Hydrogen Vehicle and Infrastructure

Panel Discussion “The Role of Hydrogen in Decarbonizing the Transport Sector - Focus on ASEAN”



Prof. Ock Taeck Lim
School of Mechanical Engineering, College of Engineering University of Ulsan, South Korea

Prof. Lim Ock Taeck earned his Ph.D. in Mechanical Engineering from Keio University, Japan, focusing on inhomogeneities in HCCI engine combustion. He holds bachelor’s and master’s degrees from Chonnam National University, Korea. Since 2007, he has been a professor at the University of Ulsan and previously worked as a Senior Researcher at NTSEL, Japan.

He leads research on clean fuel engines, advanced combustion, and emission reduction, with notable projects on DME engines, ethane fuel, and EURO-5 emission standards. His work is widely published and supported by major Korean and international grants. Prof. Lim also contributes to global standards as Alternative Korea representative at ISO TC 28 and Vice Chairman of IEV HEV, advancing sustainable mobility through innovative engine technologies.

3 July 2025

Session II: Hydrogen Vehicle and Infrastructure

Panel Discussion “The Role of Hydrogen in Decarbonizing the Transport Sector - Focus on ASEAN”

Ryuki Oshima is a Researcher at Mitsubishi Research Institute, Inc. (MRI), one of Japan’s leading think tanks providing research and consulting services to both public and private sectors. He supports a wide range of stakeholders in the social implementation of wireless charging and dynamic charging systems for electric vehicles. He plays a leading role in managing national projects, conducting techno-economic analyses, and supporting business development efforts. Oshima holds a master’s degree in Aeronautics and Astronautics from the University of Tokyo.



Mr. Ryuki Oshima
Mobility and Communication Division
Mitsubishi Research Institute Inc., Japan

Mitsubishi Research Institute

3 July 2025

Session II: Hydrogen Vehicle and Infrastructure

Panel Discussion “The Role of Hydrogen in Decarbonizing the Transport Sector - Focus on ASEAN”



Prof. Srithar Rajoo, PhD
Director, Institute for Sustainable Transport (IST)
Universiti Teknologi Malaysia

Dr. Srithar Rajoo is a Professor of Mechanical Engineering at Universiti Teknologi Malaysia (UTM), with over 22 years of research experience in low-carbon transport and energy technologies. Focus expertise of Professor Rajoo is applied aerothermodynamics for carbon mitigation in thermal systems. He leads global collaborations, including a formal UTM-Imperial College London partnership since 2014, expanding research ties with institutions in Singapore, Thailand, Japan, Germany, and Finland. He is the director of Institute for Sustainable Transport (IST) at UTM. In January 2025, IST has been recognized as the national level institute for transport and mobility research, focusing on the niche of hydrogen internal combustion engine technologies for Net Zero solutions. Professor Rajoo holds a PhD from Imperial College London and has been a visiting academic at the college for the past 17 years.

4 July 2025

Session III: Connected Autonomous Vehicles

"Smart Electric Vehicles for Sustainable Agriculture"



Dr. Thavida Maneewarn
Founder and Director
Raina Robotech Co., Ltd.

Dr. Thavida Maneewarn is the founder and director of Raina Robotech Co., Ltd. since 2022 and co-founder/director of Yannix Co., Ltd. since 2018.

Dr. Thavida received a Ph.D. in Electrical Engineering specialized in control & robotics from University of Washington, Seattle, USA in 2000. She began her career as a researcher at Institute of Field Robotics, King Mongkut's University of Technology Thonburi Thailand, where she got promoted to be the Deputy Director of Research since 2003-2014. She was also formerly the President of Thai Robotics Society and the first IEEE RAS-Thailand Chapter Chair which has the mission to promote knowledge and interests in automation and robotics to young generation in Thailand. Her research projects include agricultural robots and automation systems, service robots for industrial applications, humanoid and semi-humanoid robots, and autonomous driving system for unmanned ground vehicle and indoor mobile robots.

4 July 2025

Session III: Connected Autonomous Vehicles

"Conversational AI applications for Automotive Industry"



Dr. Jie Cheng
Founder & Chairman
Gausscode Technology

Dr. Cheng Jie has nearly 30 years of experience in AI algorithms, data mining, and enterprise analytics across academia and industry. He held leadership roles including Chief Data Officer at Ford Motor Company and Acxiom, and VP of Product at J.D. Power, driving innovations in automotive intelligence and global data science initiatives.

In 2016, he founded Gausscode Technology, a leading AI and big data platform for China's automotive industry, securing $10 million in venture capital. Gausscode has ranked No.1 in automotive big data applications for four consecutive years.

Dr. Cheng is recognized as one of China's Top 100 Most Influential People in Big Data and holds key national and industry positions. He is also a technical consultant to major firms like Siemens and Alibaba. With multiple patents and publications, Dr. Cheng leads the development of AI-driven automotive solutions to transform industries and advance intelligent innovation.

4 July 2025

Session III: Connected Autonomous Vehicles

"The Global Leader for Advanced Technology Solutions by 3D Perception Engine"



Ms. Wareemon Purapati
Co-Founder and
Managing Director
Gen Serv Co., Ltd.
(Gensurv Robotics)

A pioneer in mobile robotics in Thailand and recipient of the Thailand National Innovation Award 2024.

Specialized in end-to-end mobile robotics solutions - from R&D, design, and fabrication to installation and integration.

As a Thai robotics startup, Gensurv has developed many of Thailand's first autonomous systems, including:

- Autonomous Boat and Underwater Inspection Robot (ROV)
- Autonomous Forklifts
- Autonomous Golf Carts
- Outdoor Autonomous Tow Trucks
- Autonomous Buses
- Agricultural Robots

4 July 2025

Session III: Connected Autonomous Vehicles

"The Global Leader for Advanced Technology Solutions by 3D Perception Engine"



Mr. Seonghun Lim
Senior Business Manager
Seoul Robotics

Seonghun Lim is a sales-driven Senior Business Manager with expertise in 3D LiDAR perception, business development, and international project coordination. At Seoul Robotics, he leads regional growth across Korea and APAC, managing strategic partnerships, technical PoCs, and scaled deployments. He has successfully initiated expansion efforts in Japan, Thailand, and Singapore, and consistently met business targets.

With a strong background in client relations, proposal writing, and sales operations, Seonghun utilizes tools like Salesforce and Atlassian to boost team productivity and operational efficiency. He holds a BA in Business and Management from the University of Exeter and studied European business at EBS Universität. Fluent in English and Korean, he brings cross-cultural communication skills and hands-on experience in driving high-impact business outcomes across global markets.

4 July 2025

Session IV: Next-Gen Mobility Services & Ecosystems

"Digital Battery Passports – Benefits, Cost and Their Impact on a Sustainable Battery Supply Chain in Southeast Asia"

Panel Discussion "Technology Empowering Battery Lifecycle Transparency: The Role of Battery Passports"



Dr. Andreas Schneider
Founder
Enlightened Mobility

EiMO

Dr. Andreas Schneider is an expert, speaker and consultant who has been working with thought leaders in automotive, transportation and urban mobility. His long-term work experience ranges from management consulting to corporates and startups. He has authored several books.

Before working as an independent consultant, he worked for Kearney, Mercedes, Audi, Deutsche Bahn and ABB eMobility. He holds a Doctorate in Strategic Management from TU Clausthal and Master's degrees from Stuttgart University and Montpellier Business School. He is based in Bangkok and Berlin.

4 July 2025

Session IV: Next-Gen Mobility Services & Ecosystems

"Safety Service in AI Era"



Mr. Mark Yang
President
HealthLink Services Co., Ltd.

HealthLink 远盟道康®

- Leader of the Application and Value Working Group of the Data Circulation and Utilization Committee of the China Computer Industry Association,
- Member of the Development Group for China's Mandatory eCall Standard- "On-board Accident Emergency Call System",
- Won the year 2016 TIAA(Telematics Information Application Alliance) Annual Advanced Individual Award,
- Won the year 2018 Annual Influential Figure in the Telematics Industry

With long-term dedication to the Automotive telematics industry and vehicle insurance industry, he is recognized as a pioneer and leader in China's eCall emergency rescue sector, an expert in telematics safety services, automotive data compliance operations, and proactive vehicle insurance risk management.

4 July 2025

Session IV: Next-Gen Mobility Services & Ecosystems

"Unlocking The Skies: Enabling UAS for Seamless Mobility in Thailand and Beyond"



Mr. Wasanchai Vongsantivanich
Founder - CEO
DELV Aerospace

Wasanchai VONGSANTIVANICH is currently the founder and CEO of DELV Aerospace Co., Ltd. an innovation-driven enterprise, expertise in aviation and space technology. Currently DELV Aerospace is supporting the Civil Aviation Authority of Thailand for UAS Portal, the national UTM platform. Wasanchai's got his Master's Degree in Aerospace Engineering from SUPAERO, Toulouse, France as well as spent many years working and living there.

Prior to his position in private sector, he was the head of Strategic and Operation Aerospace Research center (SOAR) at Geo-Informatics and Space Technology Development Agency (GISTDA) under the Ministry of Higher Education, Science and Innovation of Thailand. Apart of these previous positions, he was actively working on different roles in national and international level including National sub-committee on Air Risk, National Committee on Airspace Policy Communication, Navigation and Surveillance (CNS) Working Group, National space committee on Space Situational Awareness (SSA) and Space Traffic Management (STM) Policy.

4 July 2025

Session IV: Next-Gen Mobility Services & Ecosystems

Panel Discussion "Technology Empowering Battery Lifecycle Transparency: The Role of Battery Passports"



Mr. Sanshiro Fukao
Executive Fellow,
ITOCHU Research Institute Inc. Board Member,
Mobility Open Blockchain Initiative Advisor,
The Drivery

Mr. Sanshiro was born in Tokyo in 1981. He read BSc Environmental Policy with Economics and graduated from London School of Economics and Political Science (LSE) in 2003. He had worked for Nomura, HSBC and global hedge funds as a senior equity analyst of multiple sectors in Asia and was awarded No.2 Stock Picker in Japan Automobile Sector at Thomson Reuters StarMine Analyst Awards in 2008. He had been a senior research analyst of automobiles at a Japanese bank since 2014 and joined the think-tank arm of ITOCHU in August 2019. He is also a Board Member at the world's largest mobility consortium called MOBI specialising on blockchain, an Advisor to the world's largest startup-hub called The Drivery in Germany and speaks at international conferences and lectures on smart mobility and blockchain for corporate management and policy makers worldwide. He wrote "Mobility 2.0" (2018), "Mobility Economics" (2020) and "Mobility ZERO" (2021) published by Nikkei Publishing Inc.in Japan and delivers comments for Nikkei and Financial Times etc.

4 July 2025

Session IV: Next-Gen Mobility Services & Ecosystems

"Unlocking The SkiePanel Discussion "Technology Empowering Battery Lifecycle Transparency: The Role of Battery Passports"s: Enabling UAS for Seamless Mobility in Thailand and Beyond"

Asst. Prof. Supachai Vongbunyong, PhD, is a Director of Institute of Field Robotics (FIBO), KMUTT (Thailand). He received PhD in Manufacturing Engineering from UNSW (Australia), M.Eng and B.Eng in Mechanical Engineering from Chulalongkorn University (Thailand). His research expertise is advanced manufacturing, robotics and automation in industrial, medical, and healthcare applications.



Asst. Prof. Dr.Supachai Vongbunyong
Director
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Asst. Prof. Supachai Vongbunyong, PhD, is a Director of Institute of Field Robotics (FIBO), King Mongkut's University of Technology Thonburi, Bangkok, Thailand. He is a founder a Hospital Automation Research Center (HAC@FIBO), co-founder of Famme Works Co., Ltd. and Innovation and Advanced Manufacturing Research Group. He received PhD in Manufacturing Engineering and Management from The University of New South Wales (UNSW), Australia, Master and Bachelor Degrees in Mechanical Engineering from Chulalongkorn University, Thailand. His research expertise is robotics and automation in industrial, medical, and healthcare applications. Some of this highlighted works are CARVER, autonomous mobile robots for hospital logistics. He published more than 50 academic articles in international journals and conference proceedings. In addition, he was awarded, "TMA Young Technologist Award 2021" (Runner-up), "KMUTT Rising Star Researcher Awards 2021", and "Australia Alumni Innovation Award 2024".

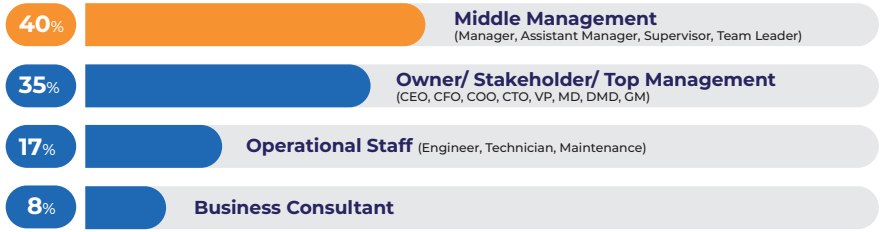
POST SHOW REPORT

Quality attendee analysis **276 Attendees from 14 Countries**

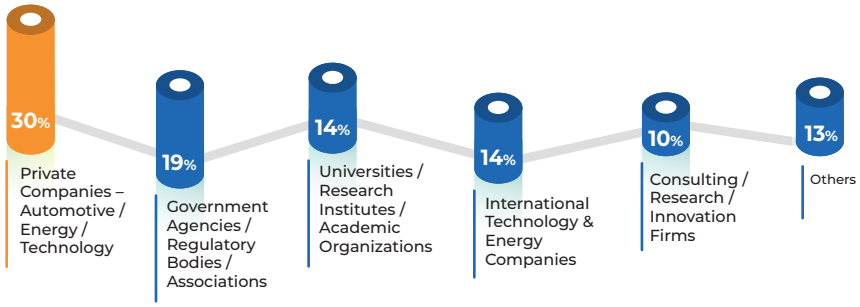
Top 5 Visitor's Countries

1 Thailand
2 China
3 Malaysia
4 Singapore
5 Germany

Job Function



Company's Main Industry



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