



Future MOVE Forum

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

2-4 July 2025

At Hall 1, QSNCC, Bangkok, Thailand

*Organized by
Mobility & Vehicle Technology Research Center (MOVE),
King Mongkut's University of Technology Thonburi (KMUTT) and
Informa Markets - Thailand*

Informa Markets Thailand together with Mobility & Vehicle Technology Research Center (MOVE), King Mongkut's University of Technology Thonburi (KMUTT) are jointly organizing the Future MOVE Forum, the international conference which is an integral part of MobilityTech Asia Bangkok 2025—A premier trade exhibition and conference showcasing cutting-edge technologies and innovations reshaping the mobility sector across land, sea, and air.

As transportation is rapidly evolving, driven by the compelling need for sustainability and the power of future technology. The Future Move Forum stands as your gateway to the future of mobility. This dynamic platform brings together leading innovators, industry experts, and visionary researchers to explore the innovative transformation in mobility, from connectivity intelligent automation and new clean energy sources to next generation of mobility. Discover how these advancements are not only revolutionizing vehicles but also redefining how we move, access, and experience transportation. Join us in unveiling a bold vision of tomorrow's mobility—seamless, sustainable, and secure. This is where the future moves.

Topics as a glance

- Electric Vehicles and Energy Grid Integration
- Hydrogen Vehicle and Infrastructure
- Connected Autonomous Vehicles
- Next-Gen Mobility Services & Ecosystems



2 July 2025

Session I

Electric Vehicles and Energy Grid Integration

(13:00 – 16:00hrs)

At Hall 1, QSNCC, Bangkok, Thailand

Agenda:

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|----------------------|---|
| 13:00 – 13:20 | "Electric Motorbike Frame Design Using Additive Manufacturing for Cost Reduction"
Speaker: Dr. Robert Taylor, Professor of Practice in Mechanical and Aerospace Engineering
University of Texas at Arlington |
| 13:20 – 13:40 | "Development of High-Performance Powertrain Technology for Micro E-Mobility"
Speaker: Mr. Jason Huang, President
Sentec Green Technology Co., Ltd |
| 13:40 – 14:00 | "The Role of Smart Grid Technologies in EV Charging"
Speaker: Stephanie Wu, Senior Analyst
OMDIA |
| 14:00 – 14:20 | "Unlocking Grid Flexibility: The Role of EVs for Future Grid Operation and Renewable Integration"
Speaker: Dr. Mahendra Singh, Senior Researcher, Fraunhofer Institute for Systems and Innovation Research |
| 14.20 - 14.40 | "Eliminate Battery Fires and Mass Recalls"
Speaker: Dr. Atichat Rotjanakorn, Business Development
24M Technologies |
| 14.40 - 15.00 | "Unlocking Electric Two-Wheelers Adoption in Thailand: Strategic Solutions to Key Challenges"
Speaker : Nattaphorn Buayam, Ph.D.
Research Fellow
Thailand Development Research Institute (TDRI) |
| 15:00– 16:00 | Panel Discussion "Scaling Up EV Adoption: Is the Grid Ready for the Surge?"
Panelist: 1. Mr. Pierre-Louis Dardenne, New Energy Landscape Sales Manager
Schneider Electric
2. Mr. Nicholas Yeoh, Regional Head- Southeast Asia
i-charging

Moderator: Thomas Lynch, Vice President
OMDIA |



3 July 2025

Session II

Hydrogen Vehicle and Infrastructure

(10:30 – 12:00hrs)

At Hall 1, QSNCC, Bangkok, Thailand

Agenda:

10:30 – 10:50

“Green Hydrogen as a Decarbonization Key for Transportation”

Speaker: Dr. Pramote Puengjinda, Senior Advisor
GIZ Thailand

10:50 – 12:00

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

Panelist:

- 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)
Universiti Teknologi Malaysia



4 July 2025

Session III
Connected Autonomous Vehicles
(10:15 – 11:45 hrs)
At Hall 1, QSNCC, Bangkok, Thailand

Agenda:

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|----------------------|--|
| 10:15 – 10:35 | "Smart Electric Vehicles for Sustainable Agriculture"
Speaker: Dr. Thavida Maneewarn, Founder and Director
Raina Robotech |
| 10:35 – 10:55 | Conversational AI applications for Automotive Industry.
Speaker: Dr. Jie Cheng, Founder & Chairman
Gausscode Technology |
| 10:55 – 11:15 | "The Global Leader for Advanced Technology Solutions by 3D Perception Engine"
Speaker: 1. Ms. Wareemon Purapati, Co-Founder and CEO
Gensurv Robotics.
2. Mr. Seonghun Lim, Senior Business Manager
Seoul Robotics |
| 11:15 – 11:45 | Future of Mobility with Advanced Driver Assistance Systems (ADAS)
Speaker: Mr. Worawisit Chana-ngam
Head of Department, Bosch Cross-Domain Computing Solutions ASEAN
Robert Bosch Automotive Technologies (Thailand) Co., Ltd. |



Session IV
Next-Gen Mobility Services & Ecosystems
(13:15 – 15:15 hrs.)
At Hall 1, QSNCC, Bangkok, Thailand

Agenda:

- 13:15 – 13:35** **“Digital Battery Passports – Benefits, Cost and Their Impact on a Sustainable Battery Supply Chain in Southeast Asia.”**
Speaker: Dr. Andreas Schneider, Founder,
Enlightened Mobility
- 13:35 – 13:55** **“Safety Service in AI Era”**
Speaker: Mr. Mark Yang, President
HealthLink Services Co.,Ltd
- 13:55 – 14:15** **“Unlocking The Skies: Enabling UAS for Seamless Mobility in Thailand and Beyond”**
Speaker: Mr. Wasanchai Vongsantivanich, Founder - CEO,
DELV Aerospace
- 14.15-15.15** **Panel Discussion “Technology Empowering Battery Lifecycle Transparency: The Role of Battery Passports”**
Speaker: 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 by: Asst. Prof. Dr.Supachai Vongbunyong, Director
Institute of Field Robotics (FIBO)

As of 10/06/2025



Tentative Program at a Glance

Time/Date	2 July 2025	3 July 2025	4 July 2025
10:30-12:00	ASEW Opening Ceremony (MR 110)	Session II Hydrogen Vehicle and Infrastructure	Session III Connected Autonomous Vehicles
12:00-13:00			
13:15- 16:00	Session I Electric Vehicles and Energy Grid Integration	MOU Signing Ceremony	Session IV Next-Gen Mobility Services & Ecosystems