

Agenda and Session Information

The 19th ITS Asia Pacific Forum 2024 Transformation Towards A Sustainable And Intelligent Urban Mobility



City of Tomorrow:
Smart Infrastructure
& Urban Planning



Riding into the Future:
Urban Mobility's
New Frontiers



Eco-Mobility:
Navigating the
Sustainable Path



Smart Moves:
Urban Mobility's
Digital Evolution

**EXHIBITION • FORUM • ACADEMIA FORUM
SPECIAL INTEREST SESSION • TECHNICAL TOUR**

Sponsors

WELCOME MESSAGE



*A*s a country with a rapidly growing population and increasing urbanization, it is crucial for Indonesia to expedite the implementation of ITS to overcome the challenges posed by transportation and to ensure a safer, more efficient, and sustainable future.

The adoption of Intelligent Transportation Systems in Indonesia is not only important but also critical to the success and development of our country. We can address the difficulties of traffic congestion, road safety, and inefficient transportation management by accelerating the implementation of ITS.

To begin with, the implementation of ITS allows us to address the common problem of traffic congestion. We may obtain insights into traffic patterns, optimize signal timings, and dynamically change traffic flow by using intelligent traffic management systems, real-time data collection, and predictive analytics. This has the potential to drastically reduce congestion, shorten travel times, and improve the overall efficiency of our transportation network.

Furthermore, ITS has the potential to significantly improve traffic safety. We can improve situational awareness, prevent accidents, and manage risks by utilizing technology such as vehicle-to-vehicle communication, advanced driver support systems, and automatic incident detection. By accelerating the introduction of ITS, we can create a safer transportation environment, saving lives, decreasing injuries, and ensuring the well-being of our citizens. I would like to express my support for the ITS APF 2024, as exhibitions and forums play an important role in raising awareness and disseminating information, as well as providing a unique opportunity for industry experts, researchers, policymakers, and the general public to come together, exchange ideas, and showcase the most recent advancements in ITS.

We can accomplish the following benefits by conducting more ITS-related shows. Let us work together to embrace these breakthrough technologies, build a better transportation network, and shape a brighter future for Indonesia-one marked by efficient mobility, enhanced safety, and sustainable growth.

Budi Karya Sumadi

Minister of Transportation of
the Republic of Indonesia

WELCOME MESSAGE



William P. Sabandar

President of ITS Indonesia

Our unwavering commitment to building a robust and innovative transportation system has gained recognition worldwide. We are now seen as a nation at the forefront of transportation development, embracing progress and paving the way for a brighter future.

ITS Indonesia has identified five key areas of focus: smart mobility, integrated transport systems, data-driven decision making, sustainable transportation, and inclusive transport solutions. Through collaborative efforts and discussions during ITS APF 2024, we believe these focus areas can be enhanced and brought to fruition. Together, we can explore innovative approaches and establish partnerships that drive the optimization of intelligent transportation systems.

As we embark on this collective journey, let us embrace the spirit of collaboration and innovation. ITS APF 2024 provides an invaluable platform for exchanging ideas, sharing experiences, and exploring opportunities for partnership. By working hand in hand, we can accelerate the implementation of cutting-edge technologies and practices, ultimately shaping the future of transportation in our countries and beyond.

Once again, I extend my heartfelt welcome to each and every one of you. May this ITS Asia Pacific Forum 2024 be a fruitful and inspiring experience for all, as we collectively strive towards smart and sustainable transport systems that will enhance the lives of our citizens and contribute to a more prosperous future.





The 19th Intelligent Transport System Asia Pacific Forum 2024

Transformation Towards a Sustainable and Intelligent Urban Mobility

28 - 30 May 2024 | Jakarta, Indonesia

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With respect to The 19th ITS Asia Pacific Forum 2024 agenda, the forum will be described below:

1. General Information

Forum Title : The 19th Asia Pacific Forum 2024
Date : May 28-30, 2024
Time : 09.00 – 18.00 (Western Indonesian Time/GMT +7)
Venue : Jakarta Convention Center (JCC)
Jl. Jend. Gatot Subroto, Jakarta 10270
Website: <https://www.jcc.co.id/>

2. Programme Overview

ITS Asia Pacific Forum
Jakarta, 2024

Agenda



Tuesday 28 May	DAY 1	Wednesday 29 May	DAY 2	Thursday 30 May	DAY 3
09.00 09.30 10.00 10.30 11.00 11.30 12.00 12.30 13.00 13.30 14.00 14.15 14.30 15.00 15.30 15.45 16.00 16.15 16.30 17.00 17.30 18.00 18.30 19.00 19.30 20.00 20.30	09.00 ITS AP – Leaders Forum 10.30 High Level Roundtable 11.00 SIS Thales 11.00 SIS Roatex 12.30 BREAK 13.00 13.30 OPENING CEREMONY 14.00 14.15 HIGH LEVEL PANEL 1 "Transformation Towards a Sustainable & Intelligent Urban Mobility" 15.00 15.30 HIGH LEVEL PANEL 2 "City of Tomorrow: Smart Infrastructure & Urban Planning" 16.00 16.15 16.30 17.00 17.30 18.00 18.30 19.00 19.30 GALA DINNER 20.00 20.30	09.00 09.30 10.00 10.30 11.00 11.30 12.00 12.30 13.00 13.30 14.00 14.30 15.00 15.30 16.00 16.30 17.00 17.30	09.00 PLENARY SESSION 1 "Smart Move: Urban Mobility's Digital Evolution" 10.00 11.00 Special Interest Session 1 11.00 Academia Forum 1 11.00 Business Matching 12.00 12.30 BREAK 13.00 13.30 14.00 PLENARY SESSION 2 "Riding into the Future: Urban's Mobility New Frontiers" 14.30 15.00 15.30 16.00 Special Interest Session 2 16.00 Academia Forum 2 16.00 Business Matching 17.00 17.30	09.00 Special Interest Session 3 09.00 Academia Forum 3 09.00 Business Matching 11.00 Special Interest Session 4 11.00 Academia Forum 4 11.00 Business Matching 12.00 12.30 BREAK 13.00 13.30 14.00 PLENARY SESSION 3 "Eco Mobility: Navigating the Sustainable Path" 14.30 15.00 15.30 16.00 CLOSING CEREMONY 16.30 17.00 17.30	09.00 Technical Tour (limited participants/ first come first serve basis)



Hosted by Ministry of Transportation of The Republic of Indonesia



Invitation Only



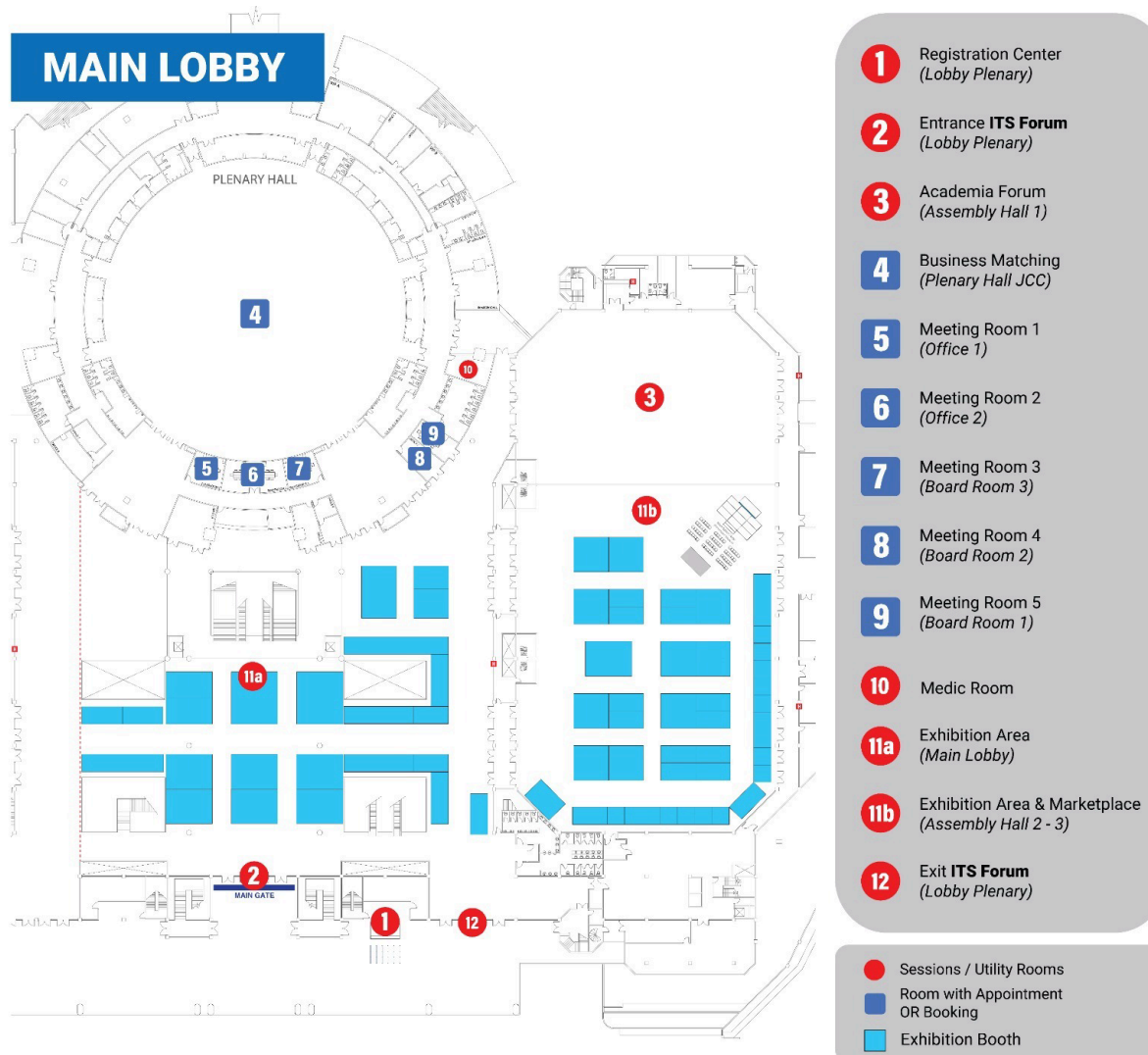
Exhibition & Marketplace



Demonstrations

Kindly visit our [website](https://www.jcc.co.id/) for detailed agenda/program and updates.

3. Venue Layouts





4. High Level Panel & Plenary Sessions

High Level Panel 1: *Transformation Towards a Sustainable & Intelligent Urban Mobility*

Date Tuesday, 28 May 2024
Time 14.00 - 15.30 Jakarta Time
Location Merak Room, Jakarta Convention Center

Session Description

The inaugural session of the ITS Asia Pacific Forum 2024, themed 'Transformation Towards Sustainable & Intelligent Urban Mobility,' convenes eminent thought leaders to reshape urban mobility paradigms. Exploring four pivotal sub-themes—'City of Tomorrow,' 'Riding into the Future,' 'Eco-Mobility,' and 'Smart Moves'—speakers will articulate visions for smart, sustainable cities, delve into cutting-edge transport innovations, advocate for eco-friendly mobility solutions, and discuss the digital evolution shaping urban transport.

Keynote Speakers

- Dr. (H.C.) Ir. Budi Karya Sumadi - *Minister, Ministry of Transportation of Indonesia*
- Dr. Amy Khor Lean Suan - *Senior Minister of State, Ministry of Sustainability and the Environment Ministry of Transport Singapore*

Panelists

- Azis Armand - *Vice President Director & Group CEO, Indika Energy*
- Kanzo Nakai - *Director of Transport (Smart Mobility), Asian Development Bank*
- Nupur Gupta - *Senior Transport Specialist, The World Bank*
- Akio Yamamoto - *Secretary General, ITS Asia Pacific*

Moderator

Andini Effendi

Session Rundown

Time	Duration	Agenda
14:00 - 14:05	5 minutes	Session opening by Moderator
14:05 - 14:15	10 minutes	Keynote speech by Dr. (H.C.) Ir. Budi Karya Sumadi - Minister, Ministry of Transportation of Indonesia
14:15 - 14:25	10 minutes	Keynote speech by Dr. Amy Khor Lean Suan - Senior Minister of State,



		Ministry of Sustainability and the Environment Ministry of Transport Singapore
14:25 - 15:30	65 minutes	Panel discussion moderated by Andini Effendi <ul style="list-style-type: none"> • Azis Armand - Vice President Director & Group CEO, Indika Energy • Kanzo Nakai - Director of Transport (Smart Mobility), Asian Development Bank • Nupur Gupta - Senior Transport Specialist, The World Bank • Akio Yamamoto - Secretary General, ITS Asia Pacific



High Level Panel 2: *City of Tomorrow: Smart Infrastructure & Urban Planning*

Date Tuesday, 28 May 2024
Time 16.00 - 17.30 Jakarta Time
Location Merak Room, Jakarta Convention Center

Session Description

Experts will explore the future of urban development with a focus on visionary foundations for cities, foresight in traffic management systems, and the next horizon in urban planning and design. Gain insights into groundbreaking sustainable mobility planning and designs, innovative financing models, real-time traffic data utilization, and the importance of public and private collaborations in fostering smart transport systems.

Keynote Speakers

- Dr. Ir. Bambang Susantono MCP, MSCE, Ph.D - *Head of Nusantara Capital Authority (OIKN)*
- William Sabandar - *President, ITS Indonesia*

Panelists

- Silje Troseth - *Vice President APAC, Q-Free*
- Silvia Halim - *Deputy of Facilities and Infrastructure, OIKN*
- Noni Purnomo - *President Commissioner, Blue Bird Group*
- Dr. Pekka Leviäkangas - *Professor of Infrastructure and Transport, University of Oulu*

Moderator

Andini Effendi

Session Rundown

Time	Duration	Agenda
16:00 - 16:05	5 minutes	Session opening by Moderator
16:05 - 16:15	10 minutes	Keynote speech by Dr. Ir. Bambang Susantono MCP, MSCE, Ph.D - Head of Indonesia New Capital City Authority (OIKN)
16:15 - 17:30	75 minutes	Panel discussion moderated by Andini Effendi <ul style="list-style-type: none">• Silje Troseth - Vice President APAC, Q-Free• Silvia Halim - Deputy of Facilities and Infrastructure, OIKN• Noni Purnomo - President Commissioner, Blue Bird Group• Dr. Pekka Leviäkangas - Professor of Infrastructure and Transport, University of Oulu• William Sabandar - President, ITS Indonesia



Plenary Session 1: *Smart Move: Urban Mobility's Digital Evolution*

Date Wednesday, 29 May 2024
Time 09.00 - 11.30 Jakarta Time
Location Merak Room, Jakarta Convention Center

Session Description

This session delves into the cutting-edge advancements in urban mobility systems, with a specific focus on payment digitalization and digital mobility solutions. Discussion will include challenges and opportunities of integrated fare systems, innovative payment solutions, and digital platforms are revolutionizing public transit accessibility and efficiency, considering regulatory frameworks, security measures, and the transformative impact on urban mobility experiences.

Keynote Speakers

- Filianingsih Hendarta - *Deputy Governor, Central Bank of Indonesia*
- Pandu Sjahrir - *Chairman, Asosiasi Fintech Indonesia (AFTECH)*

Panelists

- Yeeun Kim - *Team Leader at Ministry of Land, Infrastructure, and Transport of Korea*
- Galuh Rohmah - *Strategic Partnerships Development Manager Geo, Google Indonesia*
- Allan Tandiono - *Director of Project Management and Business Development, KCIC*
- Dina Hakiki - *President Director, Nutech Integrasi*

Moderator

Zilvia Iskandar

Session Rundown

Time	Duration	Agenda
09:00 - 09:05	5 minutes	Session opening by Moderator
09:05 - 09:15	10 minutes	Keynote speech by Filianingsih Hendarta - Deputy Governor, Central Bank of Indonesia
09:15 - 09:25	10 minutes	Keynote speech by Pandu Sjahrir - Chairman, Asosiasi Fintech Indonesia (AFTECH)
09:25 - 09:30	65 minutes	Panel discussion moderated by Desi Anwar <ul style="list-style-type: none">• Yeeun Kim - Team Leader at Ministry of Land, Infrastructure, and Transport of Korea• Galuh Rohmah - Strategic Partnerships Development Manager Geo, Google Indonesia



		<ul style="list-style-type: none">• Allan Tandiono, Director, KCIC• Dina Hakiki - President Director, Nutech
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Plenary Session 2: *Riding into the Future: Urban's Mobility New Frontiers*

Date Wednesday, 29 May 2024
Time 14.00 - 15.30 Jakarta Time
Location Merak Room, Jakarta Convention Center

Session Description

Experts will discuss the future of next-gen shared mobility, electric vehicles, and smart urban mobility solutions in Southeast Asia. Topics include advancing zero-emission vehicles and creating inclusive multi-modal transport systems, from the perspective of public and private stakeholders. Learn about innovative approaches such as leveraging smart technologies in ports and marine transport, string rail technologies, and the collaborative efforts needed to enhance sustainable urban mobility in the region.

Keynote Speakers

- Dr. Jason Chang - *Professor of Department of Civil Engineering, National Taiwan University*
- Denon Prawiraatmadja - *Deputy of Transportation, KADIN*
- (Video speech) Takeru Ito - *Director at Mobility Digital Transformation Office, Automobile Division Manufacturing Industries Bureau, Ministry of Economy, Trade and Industry (METI) Japan*

Panelists

- Wee Tang Yee - *Managing Director, Grab Singapore*
- Roman Nediella - *Director Customer and Innovation Strategy, PwC Indonesia*
- Oleg Zaretsky - *CEO, uDiscovery DMCC*
- Mia Amalia - *Deputy of Planning and Land Affairs, OIKN*

Moderator

Zilvia Iskandar

Session Rundown

Time	Duration	Agenda
14:00 - 14:05	5 minutes	Session opening by Moderator - Zilvia Iskandar
14:05 - 14:15	10 minutes	Keynote speech by Dr. Jason Chang - Professor of Department of Civil Engineering, National Taiwan University
14:15 - 14:25	10 minutes	Keynote speech by Denon Prawiraatmadja - Deputy of Transportation, KADIN



14:25 - 15:30	10 minutes	Video speech by Takeru Ito - Director at Mobility Digital Transformation Office, Automobile Division Manufacturing Industries Bureau, Ministry of Economy, Trade and Industry (METI) Japan
14:25 - 15:30	65 minutes	Panel discussion <ul style="list-style-type: none"> • Wee Tang Yee - Managing Director, Grab Singapore • Roman Nedielka - Director Customer and Innovation Strategy, PwC • Mia Amalia, Deputy of Planning and Land Affairs, OIKN Nusantara • Oleg Zaretsky - CEO, uDiscovery DMCC



Plenary Session 3: Eco Mobility: Navigating the Sustainable Path

Date Thursday, 30 May 2024
Time 14.00 - 15.30 Jakarta Time
Location Merak Room, Jakarta Convention Center

Session Description

Expert panelists will discuss advancements in electric and hydrogen-powered vehicles, intelligent traffic management, and sustainable aviation, highlighting successful case studies and the importance of public-private collaboration. Discover how these efforts contribute to achieving net-zero transportation goals and the future of urban mobility.

Keynote Speakers

- Dr. Simon Kingham - *Professor of Geography, University of Canterbury & Chief Science Advisor, Ministry of Transport of New Zealand*
- Anindya Bakrie - *CEO and President Director, Bakrie & Brothers*

Panelists

- Sunita Lukkhoo, *Head of Regional Representation for South East Asia and Pacific, European Investment Bank*
- Widjanarko - *PLC & Technical Director, Toyota Motor Manufacturing Indonesia (TMMIN)*
- Matthew McLeish - *Executive Vice President Asia Pacific, Kapsch*
- Fred Kalt - *President, ITS Singapore*
- Batari Saraswati - *Director, Systemiq*

Moderator

Zilvia Iskandar

Session Rundown

Time	Duration	Agenda
14:00 - 14:05	5 minutes	Session opening by Moderator - Zilvia Iskandar
14:05 - 14:15	10 minutes	Keynote speech by Dr. Simon Kingham - Professor of Geography, University of Canterbury & Chief Science Advisor, Ministry of Transport of New Zealand
14:15 - 14:25	10 minutes	Keynote speech by Anindya Bakrie - CEO and President Director, Bakrie & Brothers



14:25 - 14:30	65 minutes	Panel discussion <ul style="list-style-type: none"> ● Sunita Lukkhoo, Head of Regional Representation for South East Asia and Pacific, European Investment Bank ● Widjanarko - PLC & Technical Director, Toyota Motor Manufacturing Indonesia (TMMIN) ● Matthew McLeish - Executive Vice President Asia Pacific, Kapsch ● Fred Kalt - President, ITS Singapore ● Batari Saraswati - Director, Systemiq
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5. Special Interest Sessions

SIS 1A: Account-based Ticketing, a digital transformation for seamless travel

Location	Merak 1 Room, Jakarta Convention Center
Date	Tuesday, 28 May 2024
Time	11.00 - 12.30 Jakarta Time
Knowledge Partner	Thales

Session Description

With the evolving payment technologies and more dynamic passenger behaviour, the conventional ticketing system for public transport no longer fulfils the operation needs of transport authorities and transport operators. To solve the limitation and obsolescence of legacy Automatic Fare Collection (AFC) system, Thales has developed and deployed globally the Account Based Ticketing (ABT) Solution, a digitalized and modernized AFC system. In this session, speakers will share the latest ticketing technologies enabled by ABT Solution and experience in implementing ABT Solution globally. Panelists from public and private sectors will share the views on the visions and needs from the government on the fare policies benefiting the public (e.g. subsidies, concessions, fare capping, etc.), implementation of such initiative by public transport operators, and what/how ABT solution can facilitate the implementation of such needs.

Moderator

Tory Damantoro - *Chairman, Masyarakat Transportasi Indonesia*

Speakers

- Crystal Mak - *Sales Manager, Thales RCS*
- Hari Efianto - *Technical Director, Jatelindo*

Panelists

- Syafrin Liputo - *Head of Jakarta Transport Agency*
- Mustapha Bachri - *VP Sales, Thales RCS*
- Muhammad Luthfie Bakrie - *Director, Jatelindo*
- Albertus Indarko Wiyogo - *EVP Information Technology, PT KAI*

Session rundown

Time	Agenda	Speakers/Panelists	Note
11:00 - 11:05	Opening by Moderator	Tory Damantoro - Chairman, MTI	Moderator invites 1st presenter to podium
11:00 – 11:20	Thales Presentation	Crystal Mak, Sales Manager,	At the podium. After

Time	Agenda	Speakers/Panelists	Note
	Topic: Account-based Ticketing, a digital transformation for seamless travel	Thales RCS	presentation ends, Moderator invites 2nd presenter to podium
11:20 – 11:40	Jatelindo Presentation Topic: Jak Lingko ABT Implementation	Hari Efianto, Technical Director, Jatelindo	At the podium. After presentation ends, Moderator invites panelists to stage.
11:40 – 12:30	Panel Discussion “How Account Based Ticketing Solution facilitates government to promote public transport” Key topics: <ul style="list-style-type: none"> • Satisfaction level and expectation of the public on the ticketing and fare system in Jakarta • Fare policies/initiatives that the government aims to implement • How an Account Based Ticketing Solution facilitates governments to implement those policies/initiatives • Recommendation to governments and transport operators on ABT solution implementation 	Moderator: Tory Damantoro, Chairman of Indonesia Transport Society Panellists: <ol style="list-style-type: none"> 6. Syafrin Liputo - Head of Jakarta Transport Agency 7. Mustapha Bachri - VP Sales, Thales RCS 8. Muhammad Luthfie Bakrie - Director, Jatelindo 9. Albertus Indarko Wiyogo - EVP Information Technology, PT KAI 	Moderator leads the discussion based on guiding questions developed by Thales.



SIS 1B: Driving towards a brighter future: The evolution of Indonesian transportation for accelerated accessibility

Location	Merak 3 Room, Jakarta Convention Center
Date	Tuesday, 28 May 2024
Time	11.00 - 12.30 Jakarta Time
Knowledge Partner	Roatex Indonesia Toll System

Session Description

This session will explore innovative toll road solutions leveraging advanced GNSS technology to eliminate toll gates, reduce congestion, and enhance highway efficiency. The discussion will cover the collaboration between Indonesia and Hungary, highlighting its role in driving economic growth and environmental sustainability. Key topics include the benefits, challenges, and progress of implementing the GNSS Multi Lane Free Flow (MLFF) system in Indonesia's transportation infrastructure.

Moderator

Shafinaz Nachiar

Speakers

- Basuki Hadimuljono - *Minister, Ministry of Public Works and Housing of Indonesia*
- Atilla Keszeg - *Direktur Utama, PT Roatex Indonesia Toll System*

Session format

Talkshow. Speakers will take turns presenting on the stage.

Session rundown

Time	Agenda	Speakers/Panelists
11:00 – 11:05	Opening by moderator	Shafinaz Nachiar
11:05 – 11:30	Ministry of Public Works and Housing of Indonesia Presentation	Basuki Hadimuljono - Minister, Ministry of Public Works and Housing of Indonesia
11:30 – 11:55	PT Roatex Indonesia Toll System Presentation	Atilla Keszeg - Direktur Utama, PT Roatex Indonesia Toll System
11:55 - 12:20	ITS Indonesia Presentation (TBC)	TBC
12:20 - 12:30	Summary and closing	Shafinaz Nachiar



SIS 2A: Building a Capital City from the Ground Up

Location	Merak 1 Room, Jakarta Convention Center
Date	Wednesday, 29 May 2024
Time	11.00 - 12.30 Jakarta Time
Knowledge Partner	Arup Indonesia

Session Description

The "Building New Capital City from the Ground Up" session will explore how 21st-century urban revival can create livable, intelligent, sustainable, and resilient cities. Experts will share insights on developing urban environments that embody resilience, sustainability, and inclusivity. The session aims to foster dialogue among stakeholders to build dynamic, forward-thinking communities ready to meet future challenges.

Moderator

Melwin Azwar - Associate, **Arup**

Speakers

- Pujas Bakdirospati - Senior Transport Planner, **Arup**
- Tonny Agus Setiono - Direktur Pengembangan Ekosistem Digital, **OIKN**
- Stephane Pean - **Ker-Iz Consulting**
- Alan Quek - Regional Head of Business Development for Southeast Asia (SEA), **Aimsun**

Session format

Presentations followed by panel discussion. Moderator and all panelists are seated on the stage.

Session rundown

Time	Agenda	Speakers/Panelists
11:00 – 11:05	Opening by moderator	Melwin Azwar - Associate, Arup
11:05 – 11:15	Arup Presentation Topic: Innovating Urban Planning: Crafting strategic and resilient cities for tomorrow	Pujas Bakdirospati - Senior Transport Planner, Arup
11:15 – 11:25	OIKN Presentation Topic: Policy, Partnership, and participation in urban future	Tonny Agus Setiono - Direktur Pengembangan Ekosistem Digital, OIKN
11:25 - 11:35	Ker-Iz Consulting Presentation Topic: Pioneering smart, sustainable and inclusive city	Stephane Pean - Ker-Iz Consulting
11:35 - 11:45	Aimsun Presentation	Alan Quek - Regional Head of Business



Time	Agenda	Speakers/Panelists
	Topic: Importance of new city and urban mobility planning to real-time operational decision-making in enhancing traffic management	Development for Southeast Asia (SEA), Aimsun
11:45 - 12:30	Panel discussion	Moderator: Melwin Azwar - Associate, Arup Panelists: <ul style="list-style-type: none"> • Pujas Bakdirospati - Senior Transport Planner, Arup • Tonny Agus Setiono - Direktur Pengembangan Ekosistem Digital, OIKN • Stephane Pean - Ker-lz Consulting • Alan Quek - Regional Head of Business Development for Southeast Asia (SEA), Aimsun



SIS 2B: Driving Efficiency: Implementing Multi-Lane Free Flow (MLFF) Tolling System in Southeast Asia

Location	Merak 2 Room, Jakarta Convention Center
Date	Wednesday, 29 May 2024
Time	11.00 - 12.30 Jakarta Time
Knowledge Partner	Kapsch TrafficCom

Session description

In this Session, Kapsch TrafficCom will share its international best practices for transitioning from plaza tolling to MLFF on a nationwide scale. With over 20 years of experience providing end-to-end tolling solutions, Kapsch will highlight the key success factors for implementing MLFF in Southeast Asian countries, while considering their unique traffic characteristics and user behaviours. The session will also address the challenges of implementing such a system and managing the numerous stakeholders with overlapping interests and concerns. By sharing the company's expertise to the audience, Kapsch aims to provide practical insights and knowledge that may be utilized to support a Southeast Asian country's strategy for implementing MLFF.

Moderator

Resdiansyah - VP, *ITS Indonesia*

Speakers

- Markus Russold - VP Global Sales Enablement Tolling, **Kapsch TrafficCom**
- Yana Ekasiwi - Area Sales Manager Asia, **Kapsch TrafficCom**
- Martin Lee - Sales Director Asia, **Kapsch TrafficCom**
- Yoga Trianggoro - CEO, **PT Jasa Marga Tollroad Operator**
- Rizza Blanco-Latorre - Vice President and Head of Business Transformation Office; **Metro Pacific Tollways Corporation**

Session format

Presentations followed by panel discussion. Moderator and all panelists are seated on the stage.

Session rundown (TBC with Knowledge Partner)

Time	Agenda	Speakers/Panelists
11:00 – 11:05	Opening by moderator	Resdiansyah - VP, ITS Indonesia
11:05 – 11:35	Presentation #1 Driving Efficiency: Implementing Multi-Lane Free Flow (MLFF) Tolling System in Southeast Asia	<ul style="list-style-type: none">● Markus Russold - VP Global Sales Enablement Tolling, Kapsch TrafficCom● Yana Ekasiwi - Area Sales Manager Asia, Kapsch TrafficCom



Time	Agenda	Speakers/Panelists
		<ul style="list-style-type: none"> Martin Lee - Sales Director Asia, Kapsch TrafficCom
11:35 – 11:45	Presentation #2	Yoga Trianggoro - CEO, PT Jasa Marga Tollroad Operator
11:45 - 11:55	Presentation #3 Breaking down the barriers: Realization of MPTC's Barrier-Free Vision	Rizza Blanco-Latorre - Vice President and Head of Business Transformation Office; Metro Pacific Tollways Corporation
11:55 - 12:30	Panel discussion	Moderator: Resdiansyah - VP, ITS Indonesia Panelists: <ul style="list-style-type: none"> Markus Russold - VP Global Sales Enablement Tolling, Kapsch TrafficCom Yana Ekasiwi - Area Sales Manager Asia, Kapsch TrafficCom Martin Lee - Sales Director Asia, Kapsch TrafficCom Yoga Trianggoro - CEO, PT Jasa Marga Tollroad Operator Rizza Blanco-Latorre - Vice President and Head of Business Transformation Office; Metro Pacific Tollways Corporation



SIS 2C: Electromobility: Paving the Way Towards Sustainable and Smarter Urban Transportation

Location	Merak 3 Room, Jakarta Convention Center
Date	Wednesday, 29 May 2024
Time	11.00 - 12.30 Jakarta Time
Knowledge Partner	Sweden-Indonesia Sustainability Partnership (SISP)

Session Description

The transport sector remains heavily dependent on fossil fuels, necessitating policy changes and smarter technical solutions as cities grow. Electrification is key to reducing fossil fuel use, noise, and air pollution, and expanding EV charging infrastructure is crucial for widespread adoption. Jakarta's 100 electric bus pilot project exemplifies its commitment to emissions reduction and enhanced public transportation. This session will facilitate dynamic discussion between e-mobility experts, with key focuses on strategic planning, technology and standards, and incentive funding and business models.

Moderator

Eric Odar - Trade Commissioner of Sweden to Indonesia

Speakers

- Alberto González Pizarro - *Sales and Market Development Manager, Hitachi Energy*
- Reza Andy - *Head of E-Mobility, ABB*
- Yoga Adiwinarto - *Secretary General, ITS Indonesia*
- Sascha Ruja - *Business Development Director, Consulting & Operations, Egis*

Session format

Presentations followed by panel discussion. Moderator and all panelists are seated on the stage.

Session rundown

Time	Agenda	Speakers/Panelists
11:00 – 11:05	Opening by moderator	Sweden-Indonesia Sustainability Partnership
11:05 – 11:15	Hitachi Presentation	Alberto González Pizarro - Sales and Market Development Manager, Hitachi Energy
11:15 – 11:25	ABB Presentation	Reza Andy - Head of E-Mobility, ABB
11:25 - 11:35	ITS Indonesia Presentation	Yoga Adiwinarto - Secretary General, ITS Indonesia
11:35 - 11:45	Egis Presentation	Sascha Ruja - Business Development Director, Consulting & Operations, Egis



Time	Agenda	Speakers/Panelists
11:45 - 12:30	Panel discussion	Moderator: Eric Odar (SISP) Panelists: <ul style="list-style-type: none">• Alberto González Pizarro• Reza Andy• Yoga Adiwinarto - Secretary General, ITS Indonesia• Sascha Ruja - Business Development Director, Consulting & Operations, Egis



SIS 2D: Data analytics to improve safety for two-wheelers

Location	Nuri Room, Jakarta Convention Center
Date	Wednesday, 29 May 2024
Time	11.00 - 12.30 Jakarta Time
Knowledge Partner	Grab Indonesia

Session Description

The session will explain how the use of data and analytics improved safety for two-wheelers, as one of the main share of passenger ride in Grab.

Moderator

Kunihiro Uzawa - *General Manager, Nippon Koei Business Partners COLTD Singapore Branch*

Speakers

- Radhi Juniantino - *Director of Trust and Safety, Grab Indonesia*
- Tyas Widyastuti - *Director of 2W and Logistics, Grab Indonesia*

Session format

Presentations followed by panel discussion. Moderator and all panelists are seated on the stage.

Session rundown

Time	Agenda	Speakers/Panelists
11:00 – 11:05	Opening by moderator	Muhammad Kamaluddin* - VP, ITS Indonesia
11:05 – 11:20	Grab Indonesia, 1st Presentation	Radhi Juniantino
11:20 – 11:35	Grab Indonesia, 2nd Presentation	Tyas Widyastuti
11:35 - 12:30	Panel discussion	Moderator: ITS Indonesia (TBC) Panelists: <ul style="list-style-type: none">• Radhi Juniantino - Director of Trust and Safety, Grab Indonesia• Tyas Widyastuti - Director of 2W and Logistics



SIS 2E: KADIN Roundtable Discussion on Eco Mobility

Location	(TBC), Jakarta Convention Center
Date	Wednesday, 29 May 2024
Time	11.00 - 12.30 Jakarta Time
Session Host	Kamar Dagang Indonesia (KADIN)

Session Description

To support the commitment of KADIN (Indonesia Chamber of Commerce) for achieving Net Zero target. It will focus on public private partnership on sustainable mobility. The partnership and collaboration between government, key industry players in transportation as well as professional associations such as ITS is crucial. ITS Asia Pacific Forum (ITS AP Forum) 2024 brings all those important stakeholders in Asia Pacific regions. It is expected that during the forum, network exchange between audiences can be established and lead towards partnership and collaboration between institutions and governments.

Chairperson	Andre Rahadian - KADIN Indonesia
Moderator	Rainier Haryanto - VP, ITS Indonesia

Panelists

- Suharto, Director Road Transport, Ministry of Transportation
- Syafrin Liputo, Kepala Dinas Perhubungan DKI Jakarta
- Albert Ilyas, CEO Kalista Nusa Armada
- Adrianto Djokosoetono, CEO Bluebird
- Fred Kalt, Yunex

Session rundown

Time	Agenda	Speakers/Panelists
11:00 – 11:05	Welcome and guiding notes from Moderator	Rainier Haryanto - VP, ITS Indonesia
11:05 – 11:15	Opening Remarks by Chairperson	Andre Rahadian - KADIN Indonesia
11:15 – 11:40	Panelist Remarks (5' each)	<ul style="list-style-type: none">• Suharto, Director Road Transport, Ministry of Transportation• Syafrin Liputo, Head of Jakarta Transport Agency• Albert Ilyas, CEO Kalista Nusa Armada• Adrianto Djokosoetono, CEO Bluebird• Fred Kalt, Yunex
11:40 - 12:30	Panel discussion	Moderator: Rainier Haryanto - VP, ITS Indonesia
12:25 - 12:30	Closing remarks by Chairperson	Andre Rahadian - KADIN Indonesia



SIS 3A: New Waves of TOD - Mix of Transportation and Housing

Location	Merak 1 Room, Jakarta Convention Center
Date	Wednesday, 29 May 2024
Time	16.00 - 17.30 Jakarta Time
Knowledge Partner	Jakarta Property Institute

Session Description

The DKI Jakarta government has established six transit-oriented areas managed by PT MRT Jakarta, each requiring unique development approaches. Urban planning regulations are essential for accommodating new residents, reducing carbon emissions, and improving quality of life. Affordable housing remains a challenge, necessitating government intervention to ensure middle-income residents can access housing near transit-oriented developments. The session aims to formulating solutions and learning from other cities so that various types of housing for middle-income citizens can be provided in transit oriented development (TOD) areas through urban planning approaches that prioritize transit accessibility, walkability, and the creation of mixed land-use developments.

Moderator

Wendy Haryanto - *Executive Director, Jakarta Property Institute*

Speakers

- Daniel Liu - *Executive Director, MORROW Intelligence*
- Joko Adiarto* - *Assistant Professor, Department of Architecture University of Indonesia*
- Tuhayat - *Direktur Utama, MRT Jakarta*

Session format

Presentations followed by panel discussion. Moderator and all panelists are seated on the stage.

Session rundown

Time	Agenda	Speakers/Panelists
16:00 – 16:05	Opening by moderator	Wendy Haryanto - Executive Director, Jakarta Property Institute
16:05 – 16:15	Presentation #1	Daniel Liu - Executive Director, MORROW Intelligence
16:15 – 16:25	Presentation #2	Joko Adiarto* - Assistant Professor, Department of Architecture University of Indonesia
16:25 - 16:35	Presentation #3	TBC - SAPPK Institut Teknologi Bandung
16:35 - 16:45	Presentation #4	Tuhayat - Direktur Utama, MRT Jakarta



Time	Agenda	Speakers/Panelists
16:45 - 17:30	Panel discussion	<p>Moderator: Wendy Haryanto - Executive Director, Jakarta Property Institute</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Daniel Liu - Executive Director, MORROW Intelligence • TBC - SAPPK Institut Teknologi Bandung • Joko Adianto* - Assistant Professor, Department of Architecture University of Indonesia • Tuhayat - Direktur Utama, MRT Jakarta



SIS 3B: Navigating Tomorrow's Road: Electronic Road Pricing for Sustainable Mobility

Location	Merak 2 Room, Jakarta Convention Center
Date	Wednesday, 29 May 2024
Time	16.00 - 17.30 Jakarta Time
Knowledge Partner	Q-Free

Session Description

The objective of this session is to delve into the multifaceted aspects of electronic road pricing. The session will delve into the intricacies of planning and implementing ERP systems in diverse urban contexts. It will explore how ERP influences urban planning and aesthetics, enforcement strategies, interoperability with other transportation modes, payment methods, and public awareness. By sharing experiences, challenges, and best practices, participants will gain insights into leveraging ERP systems for sustainable and efficient urban mobility.

Moderator

Ahmad Nugraha - *ITS Indonesia*

Speakers

- Silje Troseth - *Vice President APAC, Q-Free*
- Ir. Resdiansyah,. ST, MT, Ph.D, IPM - *Chief Urban Mobility, Nusantara Capital Authority*
- Pedro Bento - *Director of Toll Systems and Business Development, Milligan Partners*
- Harry Gunawan - *Solutions Architect, Q-Free*

Session format

Presentations followed by panel discussion. Moderator and presenters are seated on the stage, while panelists are seated on the front row.

Session rundown

Time	Agenda	Speakers/Panelists	Note
16:00 - 16:05	Opening by Moderator	Ahmad Nugraha - ITS Indonesia	Moderators introduces and invites speakers to sit on the stage. Panelists sit on the front row.
16:05 – 16:15	Presentation #1 <i>Topic:</i> Public Awareness and Benefits for the City	Silje Troseth - Vice President APAC, Q-Free	
16:15 – 16:25	Presentation #2 <i>Topic:</i> Electronic Road Pricing: Challenges of Technological Suitability and Adaptation in Indonesia	Ir. Resdiansyah,. ST, MT, Ph.D, IPM - Chief Urban Mobility, Nusantara Capital Authority	



Time	Agenda	Speakers/Panelists	Note
16:25 – 16:35	Presentation #3 <i>Topic:</i> Demystifying the free-flow adoption pace around the World	Pedro Bento - Director of Toll Systems and Business Development, Milligan Partners	
16:35 – 16:45	Presentation #4 Technology Interoperability and Payment Methods	Harry Gunawan - Solutions Architect, Q-Free	
16:45 - 17:30	Panel and Speaker Discussion	Moderator: Ahmad Nugraha - ITS Indonesia Panelists <ul style="list-style-type: none"> ● Zulkifli* - Head of the Electronic Road Pricing Management, Jakarta Transportation Agency ● Fred Kalt* - President, ITS Singapore 	Moderator will introduce and invite Panelists to share their thoughts about the given presentation, followed by a dynamic discussion with the speakers and panelists



SIS 3C: Powering up the transition to Electric Buses in Public Transit

Location	Merak 3 Room, Jakarta Convention Center
Date	Wednesday, 29 May 2024
Time	16.00 - 17.30 Jakarta Time
Knowledge Partner	International Council on Clean Transportation (ICCT)

Session Description

This session explores lessons learned on public transit electrification from case studies in Asian cities and explores important questions on challenges and opportunities for South East Asian cities to accelerate the adoption of battery electric buses in public transit. Covering case study presentations and a panel discussion, the topics planned for the session are:

- Technical challenges - Lessons learned in Transjakarta E-bus deployments;
- Procurement and policy recommendations from E-bus adoption programs and the role of the government;
- ASEAN experiences on e-bus adoption

Moderator

Tenny Kristiana - *Associate Researcher, ICCT*

Speakers

- Aditya Mahalana - *Sr. Researcher, ICCT*
- Avinash Dubedi - *WRI India*
- Nupur Gupta - *Senior Transport Specialist, World Bank*
- Dr. Iswar Lubis S.SiT M.T* - *Head of Medan Transport Agency*

Session format

Presentations followed by panel discussion. Moderator and all panelists are seated on the stage.

Session rundown

Time	Agenda	Speakers/Panelists
16:00 – 16:05	Opening by moderator	Tenny Kristiana - Associate Researcher, ICCT
16:05 – 16:15	Presentation #1	Aditya Mahalana - Sr. Researcher, ICCT
16:15 – 16:25	Presentation #2	Avinash Dubedi - WRI India
16:25 - 16:35	Presentation #3	Nupur Gupta - Senior Transport Specialist, World Bank
16:35 - 16:45	Presentation #4	Dr. Iswar Lubis S.SiT M.T* - Head of Medan Transport Agency



Time	Agenda	Speakers/Panelists
16:45 - 17:30	Panel discussion	<p>Moderator: Tenny Kristiana - Associate Researcher, ICCT</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Aditya Mahalana - Sr. Researcher, ICCT • Avinash Dubedi - WRI India • Nupur Gupta - Senior Transport Specialist, World Bank • Dr. Iswar Lubis S.SiT M.T* - Head of Medan Transport Agency



SIS 3D: Transport Demand Management: The Future of Sustainable Urban Mobility

Location	Nuri Room, Jakarta Convention Center
Date	Wednesday, 29 May 2024
Time	16.00 - 17.30 Jakarta Time
Knowledge Partner	ITDP Indonesia

Session Description

Air pollution and traffic congestion are critical issues in Jakarta, largely due to the high use of private motorized vehicles. Traffic Demand Management (TDM) strategies can address this by promoting sustainable transportation modes through balanced push and pull policies. Key push strategies include Electronic Road Pricing (ERP), Low Emission Zones (LEZ), and parking management, supported by feasibility studies and legal frameworks, but require further assessment in regulatory frameworks, technological support, and stakeholder collaboration for successful implementation.

Moderator

Ririn Radiawati Kusuma (ID Director, Clean Air Asia)

Speakers

- Gonggomtua Sitanggang - *Director, ITDP Southeast Asia*
- Chin Kian Keong - *Mobility Specialist / Senior Consultant, ST Engineering*
- Kenny Lee - *Head of Transformation & Products, Teras Technology*
- Prof. Ir. Hj. Erika Buchari, M.Sc, Ph.D - *Professor, University of Sriwijaya*

Session format

Presentations followed by panel discussion. Moderator and all panelists are seated on the stage.

Session rundown

Time	Agenda	Speakers/Panelists
16:00 – 16:05	Opening by moderator	Ririn Radiawati Kusuma (ID Director, Clean Air Asia)
16:05 – 16:15	Presentation #1	Gonggomtua Sitanggang - Director, ITDP Southeast Asia
16:15 – 16:25	Presentation #2 Smart Mobility for Cities – Going Beyond Infrastructure	Chin Kian Keong - Mobility Specialist / Senior Consultant, ST Engineering
16:25 - 16:35	Presentation #3	Kenny Lee - Head of Transformation & Products, Teras Technology
16:35 - 16:45	Presentation #4	Prof. Ir. Hj. Erika Buchari, M.Sc, Ph.D - Professor, University of Sriwijaya



Time	Agenda	Speakers/Panelists
16:45 - 17:30	Panel discussion	<p>Moderator: Ririn Radiawati Kusuma (ID Director, Clean Air Asia)</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Gonggomtua Sitanggang - Director, ITDP Southeast Asia • Chin Kian Keong - Mobility Specialist / Senior Consultant, ST Engineering • Kenny Lee - Head of Transformation & Products, Teras Technology • Prof. Ir. Hj. Erika Buchari, M.Sc, Ph.D - Professor, University of Sriwijaya



SIS 4A: Transport & Climate Change: Revealing transport decarbonization action for more ambitious NDC target

Location	Merak 1 Room, Jakarta Convention Center
Date	Thursday, 30 May 2024
Time	09.00 - 10.30 Jakarta Time
Knowledge Partner	World Resource Institute (WRI) Indonesia

Session Description

Indonesia's transport sector contributes significantly to its GHG emissions, accounting for 13.8% of the total 1,254 million tons of CO₂eq emissions in 2022. To achieve the government's net zero target by 2060 and mitigate climate risks, a comprehensive decarbonization strategy is essential. This session will explore the role of intelligent transport systems (ITS) in developing a science-based transport decarbonization pathway, emphasizing cross-ministerial coordination, data-driven decision-making, and industry collaboration for the second Nationally Determined Contributions (NDC) submission by 2025.

Moderator

WRI Indonesia

Speakers

- Dr. Capt. Tri Cahyadi, M.H., M. Mar - *Head of Center for Sustainable Transport Development, Ministry of Transportation of Indonesia*
- Prof. Dr. Techn. Ir. Danang Parikesit, M.Sc., IPU., ASEAN.Eng.* - *Professor, University of Gadjah Mada*
- Juan Kanggarawan - *Jakarta Smart City*

Session format

Presentations followed by panel discussion. Moderator and all panelists are seated on the stage.

Session rundown

Time	Agenda	Speakers/Panelists
09:00 – 09:05	Opening by moderator	WRI Indonesia
09:05 – 09:15	Presentation #1	Dr. Capt. Tri Cahyadi, M.H., M. Mar - Head of Center for Sustainable Transport Development, Ministry of Transportation of Indonesia
09:15 – 09:25	Presentation #2	Prof. Dr. Techn. Ir. Danang Parikesit, M.Sc., IPU., ASEAN.Eng*. - Professor, University of Gadjah Mada
09:25 - 09:35	Presentation #3	Juan Kanggarawan - Jakarta Smart City



Time	Agenda	Speakers/Panelists
09:35 - 10:30	Panel discussion	Moderator: WRI Indonesia (TBC) Panelists: <ul style="list-style-type: none">• Dr. Capt. Tri Cahyadi, M.H., M. Mar - Head of Center for Sustainable Transport Development, Ministry of Transportation of Indonesia• Prof. Dr. Techn. Ir. Danang Parikesit, M.Sc., IPU., ASEAN.Eng.* - Professor, University of Gadjah Mada• Juan Kanggarawan - Jakarta Smart City



SIS 4B: Riding Across Borders: Industry's Perspectives on E-mobility Solutions and Infrastructure

Location	Merak 2 Room, Jakarta Convention Center
Date	Thursday, 30 May 2024
Time	09.00 - 10.30 Jakarta Time
Knowledge Partner	PwC Indonesia

Session Description

The transportation sector is experiencing a significant shift towards sustainable and electric mobility solutions. Despite the increasing affordability of electric vehicles (EVs), range anxiety remains a critical barrier to widespread adoption. This session will bring together industry experts and government officials to discuss the future of e-mobility, featuring a presentation by Roman Nediela on his solo journey around the world on an electric 2-wheeler, showcasing the feasibility and reliability of EVs as a sustainable transport option.

Moderator

Julian Smith - *ESG, Government & Infrastructure Leader, PwC Indonesia*

Speakers

- Roman Nediela - *e.round*
- Abdul Rahman Elly - *CEO, Voltron*
- Samsi Gunarta - *Head of Bali Transport Agency*

Session format

Presentations followed by panel discussion. Moderator and all panelists are seated on the stage.

Session rundown (TBC with Knowledge Partner)

Time	Agenda	Speakers/Panelists
09:00 – 09:05	Opening by moderator	Julian Smith - ESG, Government & Infrastructure Leader, PwC Indonesia
09:05 – 09:15	Presentation #1	Roman Nediela - e.round
09:15 – 09:25	Presentation #2	Samsi Gunarta - Head of Bali Transport Agency
09:25 - 09:35	Presentation #3	Abdul Rahman Elly - CEO, Voltron
09:35 - 10:30	Panel discussion	Moderator: Julian Smith - ESG, Government & Infrastructure Leader, PwC Indonesia Panelists: <ul style="list-style-type: none">• Roman Nediela - e.round• Abdul Rahman Elly - CEO, Voltron• Samsi Gunarta - Head of Bali Transport Agency



SIS 4C: ITS for Transport Governance

Location	Merak 3 Room, Jakarta Convention Center
Date	Thursday, 30 May 2024
Time	09.00 - 10.30 Jakarta Time
Knowledge Partner	Masyarakat Transportasi Indonesia (MTI)

Session Description

The Asia Pacific region faces significant urbanization challenges, including the need for sustainable transportation systems amid global sustainability agendas. The adoption of Intelligent Transport Systems (ITS) technology is seen as a crucial step in transforming transportation governance. This session, organized by MTI and ITS Indonesia, aims to explore international best practices, convey progress in using ITS in Indonesia, and provide updates on ITS advancements for public transportation governance, fostering collaboration and knowledge exchange for effective and efficient transportation systems.

Moderator Tory Damantoro, S.T., M.Sc., MPPM - *Chairman, MTI*

Speakers

- Rakhmat Kaimuddin* - *Deputy for Infrastructure and Transportation Coordination, Ministry of Transportation and Maritime Affairs*
- Dicky Kartikoyono* - *Assistant Deputy Governor, Head of the Payment System Policy Department, Bank Indonesia*
- Chan Heng Loon Alan* - *Chairman, Land Transport Authority of Singapore*
- Dalbir Singh - *Sergek Group International*

Session format

Presentations followed by panel discussion. Moderator and all panelists are seated on the stage.

Session rundown

Time	Agenda	Speakers/Panelists
09:00 – 09:05	Opening by moderator	Tory Damantoro, S.T., M.Sc., MPPM - Chairman, MTI
09:05 – 09:15	Presentation #1	Rakhmat Kaimuddin* - Deputy for Infrastructure and Transportation Coordination, Ministry of Transportation and Maritime Affairs
09:15 – 09:25	Presentation #2	Dicky Kartikoyono* - Assistant Deputy Governor, Head of the Payment System Policy Department, Bank Indonesia
09:25 - 09:35	Presentation #3	Chan Heng Loon Alan* - Chairman, Land Transport Authority of Singapore
09:35 - 09:45	Presentation #4	Dalbir Singh - Sergek Group International



Time	Agenda	Speakers/Panelists
09:35 - 10:30	Panel discussion	<p>Moderator: Tory Damantoro, S.T., M.Sc., MPPM - Chairman, MTI</p> <p>Panelists:</p> <ul style="list-style-type: none"> ● Rakhmat Kaimuddin* - Deputy for Infrastructure and Transportation Coordination, Ministry of Transportation and Maritime Affairs ● Dicky Kartikoyono* - Assistant Deputy Governor, Head of the Payment System Policy Department, Bank Indonesia ● Chan Heng Loon Alan* - Chairman, Land Transport Authority of Singapore ● Dalbir Singh - Sergek Group International



SIS 5A: 5G and Urban Mobility Connectivity

Location	Merak Room 1, Jakarta Convention Center
Date	Thursday, 30 May 2024
Time	11.00 - 12.30 Jakarta Time
Knowledge Partner	Deloitte SEA

Session Description

This session focuses on the critical role of 5G connectivity in urban mobility, addressing key requirements like low latency and high reliability. Experts will discuss specific use cases such as GNSS for road tolling systems within urban environments. The session aims to outline actionable steps for establishing an efficient 5G network tailored for urban mobility in Indonesia, involving collaboration among telcos, government regulators, system integrators, and platform developers.

Moderator Piyush Jain - *Head of Monitor Deloitte SEA; TMT lead for Deloitte Consulting SEA*

Speakers

- Joseph Chin Chee Wai - *Sales and Solution Consultant, SkyToll Pte Ltd*
- Sandy Wardhana - *CTO, Roatex*
- Ir. Bram Hertasning, MTM, MlogMan, IPM, CRA, CRP - *Head of Urban Transport Division, Ministry of Transportation of Indonesia*

Session format

Presentations followed by panel discussion. Moderator and all panelists are seated on the stage.

Session rundown

Time	Agenda	Speakers/Panelists
11:00 – 11:05	Opening by moderator	Piyush Jain - Head of Monitor Deloitte SEA; TMT lead for Deloitte Consulting SEA
11:05 – 11:15	Presentation #1	Joseph Chin Chee Wai - Sales and Solution Consultant, SkyToll Pte Ltd
11:15 – 11:25	Presentation #2	Sandy Wardhana - CTO, Roatex
11:25 - 11:35	Presentation #3	Ir. Bram Hertasning, MTM, MlogMan, IPM, CRA, CRP - Head of Urban Transport Division, Ministry of Transportation of Indonesia
11:35 - 12:30	Panel discussion	Moderator: Piyush Jain - Head of Monitor Deloitte SEA; TMT lead for Deloitte Consulting SEA Panelists: <ul style="list-style-type: none">• Joseph Chin Chee Wai - Sales and Solution Consultant, SkyToll Pte Ltd• Sandy Wardhana - CTO, Roatex• Ir. Bram Hertasning, MTM, MlogMan, IPM, CRA, CRP - Head of



Time	Agenda	Speakers/Panelists
		Urban Transport Division, Ministry of Transportation of Indonesia



SIS 5B: Achieving sustainable city through implementing low-carbon transportation

Location	Merak Room 2, Jakarta Convention Center
Date	Thursday, 30 May 2024
Time	11.00 - 12.30 Jakarta Time
Knowledge Partner	Clean Air Asia (CAA)

Session Description

The session will delve into the challenge of establishing sustainable cities in the Asia Pacific region, focusing on low-carbon transportation as a key element. It will emphasize the importance of collaboration between government, private entities, non-government actors, and academia to achieve this goal and improve air quality while enhancing residents' quality of life. Key topics include low-carbon public transport, air quality, and stakeholder involvement, highlighting the significance of sustainable urban planning and transport solutions for creating livable cities.

Moderator

Annisa Febrina - *Fund Manager, UK PACT Indonesia*

Speakers

- Ririn Radiawati Kusuma - *Indonesia Country Director, Clean Air Asia*
- Krzysztof Burda - *President, Polish Chamber for E-mobility Development*
- Putu Yudha* - *Chief Marketing Officer, Alva*
- Andrew Arristianto - *Chief Strategy Officer, Bluebird*

Panelists

- B. Wahyu Hapsoro, M.Mtr. - *Head of Administration and Student Affairs, MOT School of Land Transportation (STTD Kementerian Perhubungan)*
- Asep Kuswara* - *Acting Head of Bandung Transport Agency*

Session format

Presentations followed by panel discussion. Moderator and presenters are seated on the stage, while panelists are seated on the front row.

Session rundown

Time	Agenda	Speakers/Panelists
11:00 - 11:05	Opening by Moderator	Annisa Febrina - Fund Manager, UK PACT Indonesia
11:05 - 11:15	Presentation #1	Ririn Radiawati Kusuma - Indonesia Country Director, Clean Air Asia
11:15 - 11:25	Presentation #2	Krzysztof Burda - President, Polish Chamber for E-mobility



Time	Agenda	Speakers/Panelists
		Development
11:25 – 11:35	Presentation #3	Putu Yudha* - Chief Marketing Officer, Alva
11:35 – 11:45	Presentation #4	Andrew Arristianto - Chief Strategy Officer, Bluebird
11:45 - 12:30	Panel and Speaker Discussion	<p>Moderator: Annisa Febrina - Fund Manager, UK PACT Indonesia</p> <p>Panelists</p> <ul style="list-style-type: none"> • B. Wahyu Hapsoro, M.Mtr. - Head of Administration and Student Affairs, MOT School of Land Transportation (STTD Kementerian Perhubungan) • Asep Kuswara* - Acting Head of Bandung Transport Agency



SIS 5C: Technology Options in The Future of Road Based Public Transport

Location	Merak Room 3, Jakarta Convention Center
Date	Thursday, 30 May 2024
Time	11.00 - 12.30 Jakarta Time
Knowledge Partner	Deutsche Gesellschaft Für Internationale Zusammenarbeit (GIZ)

Session Description

Through a panel discussion involving experts from academia, practitioners, policymakers, and industry players, the session intends to deepen participants' understanding of how these advancements contribute to avoiding private vehicle use, shifting towards public transport, and improving vehicle technology. By exploring these aspects, the session encourages initiatives for a more sustainable and eco-friendly transportation system, emphasizing the importance of collaborative efforts across sectors to achieve impactful changes in urban mobility.

Moderator

Dr. Eng Puspita Dirgahayani, S.T. M.eng - Lecturer, *Institut Teknologi Bandung*

Speakers

- Xiaomei Duan - **FEM**
- Iman Sukandar - Head of Urban Transportation Sub-Division, **Ministry of Transportation of Indonesia**
- Kelik Irwantono - Chief Executive Officer, **PT Mobil Anak Bangsa (MAB)**

Session format

Presentations followed by panel discussion.

Session rundown

Time	Agenda	Speakers/Panelists
11:00 – 11:10	Opening remarks	<ul style="list-style-type: none">• Lead Advisor GIZ SUTRI NAMA & INDOBUS• Olivier Zehnder, Ambassador of Switzerland to Indonesia, Timor-Leste and ASEAN
11:10 – 11:20	Opening <ul style="list-style-type: none">• Session introduction• Welcoming the speakers and reading the short bio	Dr. Eng Puspita Dirgahayani, S.T. M.eng - Lecturer, Institut Teknologi Bandung
11:20 – 11:30	Presentation #1 “Road Based Public Transport: Technology and Perspective”	Xiaomei Duan - FEM

Time	Agenda	Speakers/Panelists
	<ul style="list-style-type: none"> • Why select BRT? BRT vs LRT and Metro • Bus technology around the world: implementation, market, pros and cons • Lessons learned on transition towards new technology in several BRT projects in China • Bus technology trend going forward 	
11:30 - 11:40	Presentation #2 “Empowering Electric Bus Transition in Indonesia” <ul style="list-style-type: none"> • Lessons learned and progress of electric bus adoption in Indonesia • Competitive landscape and business model for electric bus manufacturer Implementation of Local Content Requirement (TKDN) • Challenges and opportunity going forward 	Kelik Irwantoro - CEO, Mobil Anak Bangsa
11:40 - 11:50	Presentation #3 “Building Enabling Environment for the Transition Toward Low-Carbon Public Transport in Indonesia” <ul style="list-style-type: none"> • Policy and regulatory framework supporting transition toward low-carbon public transport • Existing infrastructure's readiness to support low-carbon public transport • Key technological advancements needed to facilitate the transition, including advancements in battery technology, energy management systems, and vehicle design. • Fostering collaborative efforts of stakeholders including governments, academia, practitioners, policymakers, industry's players, etc. 	Iman Sukandar - Kepala Sub Bagian Angkutan Perkotaan, Kementerian Perhubungan Republik Indonesia
11:50 - 12:30	Panel discussion	Moderator: Dr. Eng Puspita Dirgahayani, S.T. M.eng - Lecturer, Institut Teknologi Bandung Panelists: <ul style="list-style-type: none"> • Xiaomei Duan - FEM • Iman Sukandar - Head of Urban Transportation Sub-Division, Ministry of Transportation of Indonesia • Kelik Irwantono - Chief Executive



Time	Agenda	Speakers/Panelists
		Officer, PT Mobil Anak Bangsa (MAB)



6. Academia Forum

Date Wednesday - Thursday, 29-30 May 2024
Time Details as below
Location Assembly Hall 2

SESSION	TIME	PAPER TITLE	PRESENTING AUTHOR	INSTITUTION
Wednesday, 29 May 2024				
Topic Session : Scientific-City of Tomorrow (Prof. Bagus Hario Setiadji, S.T., M.T., Ph. D.)				
1	11:00 - 11:20	The Economic and Educational Implications of Implementing Intelligent Transportation in Surabaya	Irwandi	Universitas Katolik Parahyangan Fakultas Teknik (Indonesia)
2	11:20 - 11:40	Simulation of the Application of the Area Traffic Control System (ATCS) at the Intersection in Kubu Raya District	Sheva Naufal Zaki	Universitas Katolik Parahyangan Fakultas Teknik (Indonesia)
3	11:40 - 12:00	Traffic Modeling and Forecast based on Stochastic Cell-Automata and Distributed Fiber-Optic Sensing – A Numerical Experiment	Yoshiyuki Yajima	NEC Corporation (Japan)
4	12:00 - 12:20	Enhancing Indonesia's Transportation Infrastructure Planning through BIM and Digital Twins	Heru Tri Saksena	Kementerian Pekerjaan Umum dan Perumahan Rakyat (Indonesia)
BREAK : 12.30 - 14.00				
5	14:00 - 14:20	Ant Colony Optimization for Human-Centric Bus Route Planning	Ranjetha Karunakaran	Universiti Malaya (Malaysia)
6	14:20 - 14:40	Estimating of Origin-Destination Matrix on Expressway Using Automatic License Plate Recognition Data	Chuthathip Athan	Kasetsart University (Thailand)
7	14:40 - 15:00	Performance of Robust Gaussian Mixture Model for Vehicle Detection in Different Weather Conditions	Siti Suhana Jamaian	Universiti Tun Hussein Onn Malaysia - FCEE
Topic Session : Scientific-Eco-Mobility & Scientific-Smart Moves (Prof. Bagus Hario Setiadji, S.T., M.T., Ph. D.)				
8	15:00 - 15:20	Enhancing Sustainable Urban Mobility: The TARIK Program for Carbon Emission Reduction in Bogor, Indonesia	Raisya Amru Adzhani	Universitas Indonesia Fakultas Teknik (Indonesia)



9	15:20	15:40	Accelerating Battery Electric Vehicle Program through Progressive Carbon Tax and Collection Scheme	Sindy Allaam Claudia	Sekolah Tinggi Transportasi Darat (Indonesia)
10	16:00	16:20	Smart Toll Navigation using Dijkstra and Haversine Algorithms with Voice Assistant	Anggun Windari Oktavia	PT Jasamarga Tollroad Operator (JMTO) (Indonesia)
11	16:20	16:40	Future Breakthrough : Si Atsom - The Revolution of Automatic Signal Lights on Motorcycles	Lovy Puryanita	Sekolah Tinggi Transportasi Darat (Indonesia)
Topic Session : Technical-Eco-Mobility (Prof. Ir. Anastasia Caroline Sutandi, S.T., M.T., Ph. D., IPU)					
12	16:40	17:00	Performance Analysis of "Panjang" Port Facilities with Berth Occupancy Ratio (BOR) and Yard Occupancy Ratio (YOR)	Bagas Wijaya	Universitas Bandar Lampung - Fakultas Teknik (Indonesia)
13	17:00	17:20	International Standard for Electric Road System	Junichi Hirose	Highway Industry Development Organization (Japan)
14	17:20	17:40	Analysis of Bakauheni Port Pier 2 Performance in Supporting Regional Mobility: Traffic Case Study Passengers and Vehicles	M Risky Oktaza	Universitas Bandar Lampung - Fakultas Teknik (Indonesia)
15	17:40	18:00	Transitioning to Zero Emissions Public Transport: Brisbane Metro Experience	Henry Wu	JYW Consulting



Thursday, 30 May 2024

SESSION	TIME	PAPER TITLE	PRESENTING AUTHOR	INSTITUTION
Topic Session : Technical-City of Tomorrow (Ir. Budi Yulianto, S.T., M.Sc., Ph.D.)				
16	9:00 - 9:20	Examining the Association Between Vehicle Density and Speeds at Intra-Urban Expressway using Advancement Radar Technologies	Syed Khairi Syed Abbas	Universiti Teknologi MARA (Malaysia)
17	9:20 - 9:40	Smart Transportation System: Utilizing Intelligent Technology in Urban Mobility of the Capital City of Nusantara	Karina	Universitas Indonesia Fakultas Teknik (Indonesia)
18	9:40 - 10:00	The Impact of Intelligent Transportation System in Reliability of Bus Rapid Transit in the City of Bandung	Prayoga Luthfil Hadi	Universitas Katolik Parahyangan Fakultas Teknik (Indonesia)
19	10:00 - 10:20	Utilization Of Microcontroller-Based Ultrasonic Sensor In Railway Crossing Safety System	Agung Dwi Kurnianto	Sekolah Tinggi Transportasi Darat (Indonesia)
20	10:20 - 10:40	U-Turn Performance Analysis Using Vissim Software (Case Study: U-Turn Teuku Umar Street, Kedaton, Bandar Lampung)	Gideon Tambunan	Universitas Bandar Lampung Fakultas Teknik (Indonesia)
21	10:40 - 11:00	U-Turn Performance Analysis Using Vissim Software (Case Study: U-Turn Jalan ZA Pagar Alam, Kedaton, Bandar Lampung)	Muhammad Leo Rizky W	Universitas Bandar Lampung Fakultas Teknik (Indonesia)
22	10:40 - 11:00	Performance Analysis of Unsignalized Intersections Using Vissim Software (Case Study: Sebesi Island Road Intersection, Bandar Lampung City)	Muthi Pidar Pratama	Universitas Bandar Lampung Fakultas Teknik (Indonesia)

Topic Session : Technical-Riding into the Future & Technical-Smart Moves



(Prof. Ir. Anastasia Caroline Sutandi, S.T., M.T., Ph. D., IPU)

23	11:00	11:20	Traffic Performance Analysis in the Traditional Market Area	Agung Maulana	Sekolah Tinggi Transportasi Darat (Indonesia)
24	11:20	11:40	How Human-Machine Partnership Technology Can Transform Railway Maintenance: A Watsonx Generative AI Approach	Nick Yin	IBM
25	11:40	12:00	Application of Intelligent Railway Safety on 5G and C-V2X Network	Chen Huang-Chih	Compal Electronics, Inc. (Taiwan)
26	12:00	12:20	CS2 (Cycling Safety Sensor) Sensor Based Cycling Safety Innovations	Eki Sandika Putra	Sekolah Tinggi Transportasi Darat (Indonesia)
27	12:20	12:40	Analysis of Vehicle Parking Capacity for Motorbike and Car Parking in the Bandar Lampung University Area	Fathul Bahri	Universitas Bandar Lampung - Fakultas Teknik (Indonesia)



7. Technical Tour

Date	Thursday, 30 May 2024
Time	07.00 - 15.00 Jakarta Time
Location	Jakarta - Bandung

Technical Tour ITS Asia Pacific Forum 2024 is an exclusive event that offers firsthand experience of Jakarta's smart transportation system. The participants may experience innovative solutions and initiatives that shape the future of transportation in Jakarta. The tour introduces the unique concept of smoother and more efficient mobility between various modes of transportation such as [MRT Jakarta](#), [Transjakarta](#), and [High-speed rail \(Whoosh\)](#). There are 40 seats available for Technical Tour.

For more information, please visit link below:

<https://its-asiapacificforum2024.com/program/technical-tour>





8. Exhibition & Sponsor Information

5P



The 5P Global Movement, emphasizing peace, prosperity, people, planet, and partnership, is dedicated to advancing social values and sustainability for a harmonious and thriving world. It champions inclusivity and diverse perspectives, fostering collaboration and shared responsibility across all societal sectors. In its operations, the Foundation integrates the principles of Bhinneka Tunggal Ika, and Gotong Royong, underscoring unity and communal cooperation.

Further information is available at:

<https://5pglobal.org/>

AGD Systems



AGD Systems produces ITS (intelligent traffic systems) product solutions that are user-friendly and globally compatible, aiming to enhance safety, sustainability, and efficiency in traffic and transportation settings. As one of the leading manufacturers in the UK, AGD specialises in delivering ITS solutions for Smart Cities, Smart Highways, and key transportation projects worldwide.

Through collaboration with system integrators, national road authorities, and traffic engineers, AGD Systems tailors solutions to meet current demands and anticipate future challenges in both urban and inter-urban environments. AGD Systems's products cover a range of applications including Traffic and

Pedestrian Control, Highways, Enforcement, as well as track systems.

Further information is available at:

www.agd-systems.com

Aimsun



Aimsun is an international leader in digital mobility solutions for transportation authorities, highway agencies, public transit operators and consultancies. Aimsun's simulation and predictive data analytics help customers to understand transportation network performance, to predict its future evolution, and to support decision making.

Whether the scope of the project is setting up cloud-based regional planning frameworks, supporting real-time traffic management, or simulating the impact of driverless cars, Aimsun is always working at the frontier of new technology to optimise smart, sustainable mobility.

Further information is available at: www.aimsun.com

AirNav Indonesia



AirNav Indonesia

AirNav Indonesia is a milestone in the national aviation industry as it is the only service provider of air navigation in the country. This service was previously carried out by PT Angkasa Pura I (Persero) and PT Angkasa Pura II (Persero), as well as the



Ministry of Transportation, which manage the UPT airports throughout Indonesia. AirNav Indonesia is a company whose capital is entirely owned by the State in the form of separated state's assets and undivided in shares, pursuant to the Law No. 19 of 2003 regarding State-Owned Enterprises.

The Company plays a strategic role for the nation, namely:

1. To actively participate in creating safety system in transportation, especially air transportation
2. To build the country's positive image in terms of air navigation services through premium and excellent services.

Further information is available at:

www.airnavindonesia.co.id

Aldridge Traffic Controllers Pty Ltd (ATC)



Aldridge Traffic Controllers Pty Ltd (ATC), a Yunex Traffic company, is a world renowned company providing traffic signal controllers for SCATS® and other solutions. ATC has been supporting Indonesia since 2009.

SCATS® is the leading Adaptive Traffic Management System has been helping cities to optimize their traffic network and keep people safe for more than 48 years and has been developed by the New South Wales (Australia) government. SCATS® has been installed at more than 60,000 intersections, across 205 cities, in 31 countries worldwide – including Indonesia and its major cities.

Further information is available at:

www.aldridgetrafficcontrollers.com.au

Angkasa Pura I



Angkasa Pura | AIRPORTS

Angkasa Pura airports committed to realize the vision to be one of the ten best airport management companies in Asia.

Currently, Angkasa Pura Airports manage 15 (fifteen) airports throughout Indonesia, as follows: I Gusti Ngurah Rai Airport (Denpasar), Juanda Airport (Surabaya), Sultan Hasanuddin Airport (Makassar), Sultan Aji Muhammad Sulaiman (SAMS) Sepinggan Airport (Balikpapan), Frans Kaisiepo Airport (Biak), Sam Ratulangi Airport (Manado), Syamsudin Noor Airport (Banjarmasin), Jenderal Ahmad Yani Airport (Semarang), Adisutjipto Airport (Yogyakarta), Adi Soemarmo Airport (Surakarta), Lombok International Airport (Central Lombok), Pattimura Airport (Ambon), El Tari Airport (Kupang), Yogyakarta International Airport (Kulon Progo), Sentani Airport (Jayapura).

In addition, Angkasa Pura Airports currently has 5 (five) subsidiaries, namely PT Angkasa Pura Logistik, PT Angkasa Pura Properti, PT Angkasa Pura Support, PT Angkasa Pura Hotel, and PT Angkasa Pura Retail

Further information is available at:

<https://ap1.co.id/id>

Angkasa Pura II



ANGKASA PURA II

The Leading Indonesia's Airport Company

PT Angkasa Pura II, hereinafter referred to as "Angkasa Pura II" or "Company" is one of the State-Owned Enterprises engaged in airport service and airport-related services. Angkasa Pura II has gained the trust of the Government of the Republic of Indonesia to manage and strive for the operation of Jakarta Cengkareng Airport which has now changed its name to Jakarta International Airport



Soekarno-Hatta and Halim Perdanakusuma Airport since 13 August 1984.

Angkasa Pura II has managed 20 airports, such as Soekarno-Hatta Airport (Jakarta), Halim Perdanakusuma (Jakarta), Kualanamu (Medan), Supadio (Pontianak), Minangkabau (Padang), Sultan Mahmud Badaruddin II (Palembang), Sultan Syarif Kasim II (Pekanbaru), Husein Sastranegara (Bandung), Sultan Iskandarmuda (Banda Aceh), Raja Haji Fisabilillah (Tanjungpinang), Sultan Thaha (Jambi), Depati Amir (Pangkal Pinang), Silangit (North Tapanuli), Kertajati (Majalengka), Banyuwangi (Banyuwangi), Tjilik Riwut (Palangkaraya), Radin Inten II (Lampung), H.A.S Hanandjoeddin (Tanjung Pandan), and Fatmawati Soekarno (Bengkulu), Jenderal Besar Soedirman (Purbalingga).

Further information is available at:
<https://angkasapura2.co.id/>

Bluebird



Blue Bird is a holding group that is ready to cater to all your needs.

Further information is available at:
www.bluebirdgroup.com

CRRQ Qingdao Sifang Co., Ltd.



CRRQ QINGDAO SIFANG CO., LTD.

CRRQ Qingdao Sifang Co., Ltd. has won 35 projects from Singapore, Argentina, Hong Kong, the USA, Indonesia, Egypt and other markets, product orders of about 5,000 cars and contract amounts of more than USD 8.5 billion and exported products to 28 countries and regions since year 2010.

Particularly for the Jakarta-Bandung High Speed Railway Project in Indonesia, we design and produce the WOOSH with high comfort and safety, making Indonesia the second country in the world with 350km/h high-speed railway. We are looking forward to develop more cooperation with you about rail transit equipment and electronic guided rubber-wheel cars.

Further information is available at: www.crrcgc.cc

Delameta Bilano



PT Delameta Bilano comply with the various national regulation, and also certified with international standard of ISO 9001:2015, ISO 14001:2015, ISO 27001:2013, ISO 45001:2018; ISO 37001:2016. We also follow the compliance of Audited Financial Report and Audited IT System Security.

In accordance with BI (Bank Indonesia), PT Delameta Bilano has come into the possession of payment gateway permission to maintain and support each and every transaction within transportation sector.

Dentons HPRP

DENTONS HPRP

About Dentons HPRP

Established in 1990, Hanafiah Ponggawa & Partners ("Dentons HPRP") has grown to become one of the largest law firms in Indonesia. Understanding developing needs in legal services, the firm launched its combination with Dentons at the end of 2018 and introduced the brand "Dentons HPRP". As part of the world's largest law firm, Dentons HPRP has strengthened its capability in providing seamless services across the globe.



As one of the top 5 law firms in Indonesia, Dentons HPRP provides the best legal services in various legal practice, among others, Corporate & Commercial, Banking & Finance, Capital Markets, Intellectual Property, Real Property, Employment, and Litigation. dentons.hprplawyers.com.

Gangneung City



ITS KOREA (Intelligent Transport Society of Korea) was established in 1999 to leverage Korea's advanced ITS technologies to drive new global trends of ITS products and services.

Playing a crucial role as the bridge for private/public sectors and academia, ITS KOREA is open to digest the industrial opinion, propose the policy and R&D, promote ITS business, and many other activities to boost up the industry.

Korea has been selected to host the 2026 Gangneung ITS World Congress, you can explore various aspects of Gangneung city.

Geotab

GEOTAB®

Geotab is a global leader in connected transportation solutions. We provide telematics - vehicle and asset tracking - solutions to over 50,000 customers in 160 countries. For more than 20 years, we have invested in ground-breaking data research and innovation to enable partners and customers, including Fortune 500 and public sector organizations, to transform their fleets and operations. With over 4 million subscriptions and processing more than 75 billion data points a day, we help customers make better

decisions, increase productivity, have safer fleets, and achieve their sustainability goals.

Geotab's open platform and Marketplace, offers hundreds of third-party solution options. Backed by a team of industry leading data scientists and AI experts, Geotab is unlocking the power of data to understand real-time and predictive analytics-solving for today's challenges and tomorrow's world.

Grab



"Navigating South East Asia Safely and Seamlessly"
Showcasing Grab technology, safety, maps, EV (Grab Electric), and integration w/ Jaklingko (public transport integration program designed to integrate payment and physical connection between transport modes in Jakarta)

Hikvision

HIKVISION®

Hikvision is committed to serving various industries through its cutting-edge technologies of machine perception, artificial intelligence, and big data, leading the future of AIoT:

- Through comprehensive machine perception technologies, we aim to help people better connect with the world around them;
- With a wealth of intelligent products, we strive to identify diverse demands by delivering intelligence at your fingertips;
- Through innovative AIoT applications, we are dedicated to empowering every individual to enjoy a better future by building an intelligent world that is more convenient, efficient and secure.



InJourney



We are the first state-owned enterprise (SOE) holding ecosystem in the aviation and tourism sectors in Indonesia, ready to bring Indonesia's hospitality and cultural diversity to the world. We are a breath of fresh air for the tourism industry in Indonesia, aiming to drive the revival of the tourism sector, ready to orchestrate and serve as a hub for collaboration and integration.

It is our commitment to consistently delivering memorable experiences through airports as gateways and hotels and tourist destinations as the heart of Indonesia's tourism through InJourney Airports, InJourney Retail, InJourney Hospitality, InJourney Destination Management, InJourney Tourism Development, and InJourney Aviation Services.

We are the future of aviation and tourism in Indonesia, supported by Indonesian talents who are eager to create and collaborate in delivering the best for the country while upholding the nation's cultural values and hospitality as Indonesian national identity in the eyes of the world.

Indika Energy



PT Indika Energy Tbk. ("Indika Energy") is Indonesia's leading diversified investment company through its strategic investments in the areas of energy resources, energy services, energy infrastructure, green businesses, logistics & infrastructure, minerals, and healthcare. Our investments focus on low carbon sectors — based on our commitment to a sustainable future.

Please visit www.indikaenergy.co.id for more information.

ION Mobility



ION Mobility is an automotive and technology OEM spearheading the future of electric mobility and energy storage solutions. In 2022, ION Mobility unveiled the M1-S, an all-electric maxi scooter with premier performance and utility rivalling 250cc combustion-powered motorcycles.

Made in Indonesia and made for Indonesia, the M1-S is an attractive, eco-friendly, and practical option for urban riders. M1-S owners are technology trailblazers, forward-looking trendsetters, and astute value seekers. ION Mobility's industry-leading reception is driven chiefly by its top-tier in-house R&D capabilities, cutting-edge technology, human-centered design, and innovation culture.

Visit www.ionmobility.com for more information.

ITS Asia Pacific Secretary



ITS Asia-Pacific seeks to facilitate Intelligent Transport System (ITS) cooperation and coordination between countries/areas in the Asia-Pacific region, taken to mean Asia and Oceania, irrespective of political, cultural or institutional barriers.

ITS Asia-Pacific members : ITS Australia, China ITS Industry Alliance, ITS Hongkong, ITS Indonesia, ITS Japan, ITS Korea, ITS Malaysia, ITS New Zealand, ITS Singapore, ITS Taiwan, ITS Thailand



ITS Australia



ITS Australia is the peak body for advanced transport technology in Australia supporting the delivery of safer, more efficient, sustainable transport solutions. Representing our industry for over 30 years we are locally and internationally recognised as a leader in our field.

We inspire, guide and support the application of ITS across smart transport infrastructure, connected and automated vehicles, and intelligent mobility. We connect a thriving Australian ITS ecosystem and inspire extraordinary achievements through cooperative collaboration.

We are the largest single gathering of industry, government and academia dedicated to the research, development and deployment of ITS technologies in Australia.

ITS China



As one of China's first pilot cities for intelligent transportation in China, Suzhou has been approved as the first provincial pilot zone for the development of the internet of vehicles (IoV), a pilot zone for high-quality development, as well as a national 5G IoV validation and application project. It has the transportation command platform, the intelligent bus dispatch platform and other intelligent transportation cases, so as to promote the development of intelligent transportation.

ITS Singapore + ST Engineering



ITS Singapore aims to be the champion for Singapore's ITS and mobility community, towards transportation that enhances quality of life.

Our Mission

- To promote innovation and development of Intelligent Transport Systems and mobility solutions in Singapore.
- To build awareness and facilitate thought leadership, locally and globally.
- To unite a motivated community of stakeholders, working together towards safe, inclusive and sustainable transportation that enhances quality of life.

Please visit www.itssingapore.org.sg for more information.

ITS Taiwan



Established in 1998, ITS Taiwan acts as a vital link between industry and government, aiming to harness global and local resources for Smart Living and Society. It integrates various disciplines like information technology, engineering, and environmental science for land, air, and sea applications. Prioritizing human needs and environmental sustainability, it promotes energy efficiency and a green economy. This approach boosts Taiwan's global competitiveness while fulfilling its global responsibilities. By fostering collaboration across sectors and focusing on policies, talent, technology, and finance, ITS Taiwan strives to build a thriving ITS ecosystem and foster public-private partnerships for mutual success.



Jasamarga



Jasa Marga is the first and largest toll road developer and operator in Indonesia with a market share of 50% for the length of operational commercial toll roads ($\pm 1,260$ km). With more than 45 years of experience, Jasa Marga currently manages 35 toll road concessions with a total road length of 1,736 km.

As one of the State-Owned Enterprises, 70% of Jasa Marga's shares are owned by the Government of Indonesia. Since 2007, Jasa Marga has become a public company through an Initial Public Offering (IPO) and listed its shares on the Indonesia Stock Exchange.

Jasamarga Tollroad Operator (JMTO)



To capture business opportunities, namely with the many toll road developments throughout Indonesia, a company was established that specializes in toll road operations. PT Jasamarga Tollroad Operator (JMTO) was established on August 21, 2015, under the name PT JASA OPERASI (JLO) and received approval as a legal entity from the Minister of Law and Human Rights of the Republic of Indonesia on August 25, 2015. By having a vision of Driving the future of toll road operations, PT Jasamarga Tollroad Operator (JMTO) is very ready to provide the best toll road operation services to customers based on the use of the latest technology and big data.

PT Jasamarga Tollroad Operator (JMTO) is a subsidiary of PT Jasa Marga (Persero) Tbk with 99.98% share ownership owned by Jasa Marga and 0.02% owned by Jasa Marga Employee Cooperative Parent. JMTO is engaged in toll road operations, toll transaction

management, parking management, and as a payment settlement manager with a license from Bank Indonesia. For information and cooperation with us, you can visit our official website www.jmto.co.id or our social media on Instagram @jasamargatollroadoperator

Jatelindo



Established in 2004, PT Jatelindo Perkasa Abadi started out with the Electronic Billing Presentation and Payment System (EBPP) as its main service. One of the best switching company that engage with all billing providers and financial services industries as a Biller Aggregator. We have worked with network partners and various payment channel all over Indonesia.

Jatelindo Perkasa Abadi is appointed as the consortium leader for Jaklingko along with Thales, Lyko and Aino Indonesia. The Jatelindo consortium through JakLingko Indonesia will implement an electronic integrated payment and rate system for the public transportation operators operating in Jabodetabek

Kadin



Kadin Indonesia was established on September 24, 1968, and designated by Law Number 1 of 1987 as the hub organization for business in the fields of state-owned enterprises, cooperatives, and private enterprises worldwide.

The business network of Kadin Indonesia covers all provinces and municipalities in Indonesia and



encompasses business associations in all sectors of the economy.

Kadin's business network extends to provinces and regencies/cities throughout Indonesia. Kadin is home to business associations covering all business sectors. Kadin's extensive network of business contacts throughout the region makes Kadin a very attractive and strategic partner for business, trade and investment activities.

Further information is available at: <https://kadin.id/>

Kapsch TrafficCom



Kapsch TrafficCom is a globally renowned provider of transportation solutions for sustainable mobility with successful projects in more than 50 countries. Innovative solutions in the application fields of tolling, tolling services, traffic management and demand management contribute to a healthy world without congestion.

With one-stop-shop solutions, the company covers the entire value chain of customers, from components to design and implementation to the operation of systems.

Kapsch TrafficCom, headquartered in Vienna, has subsidiaries and branches in more than 25 countries and is listed in the Prime Market segment of the Vienna Stock Exchange.

Len Railway Systems



Len Railway Systems, a technology-based company focusing on innovation in railway signaling

transportation, is a subsidiary of Len Industri (Persero) with over 30 years of experience, pioneering the railway signaling industry. With the vision of 'Becoming The Most Reliable World Class Partner for Railway Systems,' Len Railway Systems is committed to constructing high-tech, efficient, and safe railway transport infrastructure worldwide.

Further information is available at: www.lrs.co.id

Marktel



PT. MARKTEL (est. July 2004 until now), focus to develop & produce some of product in the field of Intelligent Transport System (ITS). The Business field presents : Technology Planning & Engineering, Manufacture, Installation & Maintenance, After Sales Services

MoT of Indonesia



MINISTRY OF TRANSPORTATION OF THE REPUBLIC OF INDONESIA

The Ministry of Transportation of the Republic of Indonesia is responsible for formulating and implementing policies, regulations, and programs related to the transportation sector, including land, sea, and air transportation. Its primary functions encompass the development, management, and maintenance of transportation infrastructure, ensuring safety and security standards, facilitating efficient transportation services, and promoting sustainable transportation practices.



Additionally, the ministry oversees coordination with relevant stakeholders, both domestically and internationally, to enhance connectivity, foster economic growth, and support the overall development goals of the nation.

NEC Corp

Orchestrating a brighter world

NEC

Creating Smart, Safe, Seamless & Convenient Public Transportation Systems for Everyone

NEC Corporation has established itself as a leader in the integration of IT and network technologies while promoting the brand statement of "Orchestrating a brighter world." Recognizing the need for safe, secure and seamless smart transportation systems, we have developed a portfolio of solutions which can help governments manage traffic congestion using technologies such as AI and IoT. NEC's smart transportation systems can be utilized in differing sectors including air travel, rail and road vehicle scenarios. Our numerous transportation solutions have been deployed by local authorities around the world who are upgrading their infrastructures with a view in improving the overall public transportation experience to encourage travellers and commuters in leaving their cars at home.

Nutech (Telkom Group)



PT. Nutech Integrasi was formed in early 2006, since then the company concentrate as system integrator in Information & Communication Technology (ICT).

Nutech dedicated to deliver the best result by furnishing the industries such as transportation, financial institution, logistic, health, travel & tourism,

utilities and many other with innovative products and services.

PURPOSE

"Become Trusted and Healthy Growth Company"

VISION

"Trusted and Reilable Partner in Developing Digital Ecosystems for Public Transportation & Security System"

MISION

1. Deliver Added Value to Customers & Stake Holders
2. Provide Convenience and Safety in the mass transportation ecosystem
3. Develop Digital Talent & Culture

Further information is available at:

www.nutech-integrasi.com

Otorita IKN



NUSANTARA

The New National Capital City (IKN) will help Indonesia achieve its target of becoming a developed country by 2045, as outlined in the Indonesia 2045 Vision. Built with the notion of national identity, the IKN will change the orientation of development to become more Indonesia-centric and accelerate the country's economic transformation.

Visit www.ikn.go.id for more information.



Pelindo



PT Pelabuhan Indonesia (Persero) is the result of the merger of four state-owned port service companies based on Government Regulation Number 101 of 2021 concerning the Merger of PT Pelindo I, III, and IV (Persero) into PT Pelabuhan Indonesia II (Persero). Furthermore, with the approval letter from the Minister of State-Owned Enterprises of the Republic of Indonesia Number: S-756/MBU/10/2021 dated October 1, 2021 regarding Name Change, Amendment of Articles of Association, and Company Logo, PT Pelabuhan Indonesia II (Persero) was approved to change its name to PT Pelabuhan Indonesia (Persero) or Pelindo.

In accordance with the Deed of the Company, the business activities are as follows:

1. Container Services
2. Non Container Services
3. Logistic & Hinterland
4. Marine & Equipment

Visit <https://pelindo.co.id/> for further information.

Printcom



PT Printcom Solusi. We specialize in intelligent traffic systems designed to meet the needs of Indonesia's expanding highway. Our strategic partnerships with Axis Communication and Tag Master enable us to offer advanced solutions for smart traffic surveillance, traffic monitoring, and automatic incident detection.

We utilize cutting-edge cameras, radar technology, and powerful software to ensure safety and efficiency on the road. Reach out to us for smart traffic surveillance design and consulting expertise.

PT Nusantara Multimedia Inovasi



Discover how NMI is revolutionizing Indonesia's transportation landscape through advanced ICT solutions. Our suite of services—Real-Time Traffic Management, Public Transport Management, and Data Analytics for Traffic Planning—harnesses the power of Artificial Intelligence, IoT, Big Data Analytics, and Cloud Computing. Optimize traffic flow, enhance public transport efficiency, and support urban planning seamlessly. Our Mobile App delivers real-time updates, while Integrated Emergency Response Solutions improve coordination during crises. Empower your organization with expert consultation and training for sustainable management. Visit our booth to learn more and take the first step towards smarter, safer travel.

PT Teknologi Karya Digital Nusa (TKDN)



PT Teknologi Karya Digital Nusa Tbk., is a company engaged in the IT sector that was initially involved in the Transportation sector in terms of providing Transport Management Solutions with a focus on Safety and Monitoring Fleets and offering these solutions to vehicle manufacturers and Transportation operators. We are now delivering system and platform solutions incorporating the latest technologies that will help the transportation sector be more comprehensive, while supporting the realization of Smart City.

Quantum Invention



QUANTUM INVENTIONS

---mobility intelligence---

A company of Continental Corporation

Quantum Inventions (QI), headquartered in Singapore, holds almost 20 years of experience in providing a suite of solutions in Intelligent Transport Systems (ITS) that constantly sets the standards in technology, efficiency and innovation

QI provides mobility intelligence to consumers, automotive corporations, enterprise and government customers, leveraging on its integrated suite of mobility applications, connected navigation, enterprise logistics and analytics platforms.

Quantum Inventions takes a strategic view to technology development and is active in national and international standardization activities, ITS architecture developments and ITS industry forums.

Quantum Inventions is continuously seeks for value added international partners to globalize the next generations solutions and services testbedded in Singapore.

Roatex Indonesia Toll System (RITS)



PPT Roatex Indonesia Toll System (RITS) is a cutting-edge technology company resulting from a collaborative initiative between Hungary and Indonesia. We are pioneers of state-of-the-art technologies in designing, developing, and operating advanced toll road systems worldwide.

Seamless integration is key to our philosophy in revolutionizing the toll road systems. We understand

that roads have a strategic role in connecting communities and enhancing economic growth, and we are driving the transformative power of transportation technology towards an excellent future.

Through the application of advanced Multi-Lane Free Flow (MLFF) innovation, Roatex is committed to advancing transportation infrastructure in Indonesia. Roatex has introduced the Cantas application as a solution for non-stop and seamless toll payment, thereby improving the experience of using MLFF.

With Cantas, we are ready to deliver the experience for toll road users in Indonesia, providing faster, more efficient, and easier journeys

Seeyond



Seeyond™ is a leading global provider of image-grade LiDAR technology, powering a safer, smarter and more mobile world across the automotive, intelligent transportation, robotics and industrial automation sectors.

Seeyond is crafting LiDAR solutions that elevate autonomous driving and fuel the advancement of smart infrastructure development. The company's dynamic portfolio – including ultra-long range flagship LiDAR sensor Falcon, mid-to-short range LiDAR sensor Robin and perception service software platform OmniVidi – powers automotive and ITS solutions for partners like NIO, Faraday Future, Exwayz and Hexagon. Currently, over 200,000 Falcon units are in use, and the product continues to be mass-produced today.



Smartmicro



At smartmicro, we design, develop and manufacture sensors for traffic management and automotive industries. For more than 24 years we have been the leading specialist in high performance detection technology.

Our fundamental motivation for providing highest performance and highest quality automotive and traffic management sensors is to make roads safer, to optimize traffic flow for reduced travel times and to enable greener, smarter cities. At smartmicro we stand for innovation, precision, passion and loyalty.

**“ WITH OUR INNOVATIVE HIGH PERFORMANCE
AND HIGH QUALITY SENSORS WE AIM
FOR A SAFER, GREENER AND SMARTER FUTURE. ”**

Further information is available at:

www.smartmicro.com

Suwon City



Experience the fusion of tradition and innovation in Suwon, South Korea.

Immerse yourself in the rich heritage of Hwaseong Fortress, a UNESCO World Heritage Site, while embracing the cutting-edge advancements of ITS technology since 1997, such as the nation's pioneering 'Emergency Vehicle Priority Signal System'.

With the state-of-the-art Suwon Convention Center, where diverse array of spaces including exhibition halls, conference halls, and supporting amenities awaits in every corner, Suwon is poised to redefine connectivity in May 2025.

Join us and be part of the HYPER-CONNECTED experience in 2025 Suwon ITS AP Forum.

Thales



Countries, cities and transport operators rely on Thales' ticketing systems solutions to adapt to rapid changes in the ticketing technologies and meet new mobility demands – locally, between cities and nationwide.

Our expertise in fare collection gives people the connected journey they need to move safely and efficiently. We have adapted our systems for more than 40 years to the needs of our users and provide solutions adapted to new technologies ranging from barcode to contactless bankcards and their ecosystem.

No matter how challenging the project, we stay by operator's side, committed to helping them creating the ticketing ecosystem of the future, fully adapted to MaaS.

Transtrack



TransTRACK is a cutting-edge tech-enabler company revolutionizing the transportation and logistics industry through transformative solutions.

Our advanced fleet operation optimization and supply chain integration services empower businesses to streamline operations, reduce costs, enhance efficiency, and foster sustainability.

With a focus on innovation and expertise, we deliver tailored solutions to meet the unique needs of each client, enabling seamless collaboration and data driven decision-making.

Our unwavering commitment to excellence and industry-leading tools make us a strategic partner for



businesses seeking sustainable growth and success in the dynamic landscape of transportation and logistics.

TSI



TSI is an engineering and software technology solutions provider with a primary focus on the development and delivery of smart city solutions.

As a smart and safe city solution provider, TSI offers robust and scalable solutions designed to aggregate and consolidate information and data from diverse interconnected hardware and software sources across various infrastructures. This Approach enables us to provide real time, critical and actionable insights tailored for decision-makers, including governmental bodies and agencies. Our motto is We Connect, Sense and Then Respond.

Q-FREE



Q-Free is a global leader in intelligent transportation systems, spearheading innovative solutions for Tolling, Traffic Management, and Active Transportation.

Embracing innovation and harnessing the power of technology, we address daily mobility challenges, shaping a future where people, goods, and data travel safely, efficiently, and sustainably. With a four-decade legacy, Q-Free's vision extends beyond geographical boundaries, serving customers worldwide in Europe, Asia, Australia, and the Americas.

Q-Free is Norwegian company with offices in 16 countries around the world. Global reach with references from 50+ markets.

U sky



uST Transport and Infrastructure Solutions based on the Unitsky String Technologies Inc.'s patented engineering and know-how are characterized by high efficiency and minimal impact on the environment, as well as unprecedented reliability and safety in the transportation of passengers and cargo. Based on the technology of creating pre-stressed transport overpasses of a new generation. Such a rail is a steel or composite beam containing in its core a bundle of wires (strings) prestressed by tension and equipped with a rail head, along which passenger and cargo electric vehicles on steel wheels – uPods – move automatically at speeds up to 150 km/h (up to 500 km/h in the future).

Yunex Traffic



Yunex Traffic is a separately managed company of the Mundys Group. It is a global leader in the field of intelligent traffic systems, offering the widest end-to-end portfolio of solutions for adaptive traffic control and management, highway and tunnel automation, as well as smart solutions for V2X and road user charging tolling. Yunex Traffic has over 3,500 employees from 62 nations and is active in over 40 countries worldwide. Its intelligent mobility solutions are currently being used in major cities across the world, including Dubai, London, Berlin and Bogotá. Yunex Traffic has successfully concentrated its efforts on mastering technologies in the three segments of hardware, software, and service, and is subsequently the only supplier who is capable of meeting all major regional standards in Europe, UK, Asia and America such as OCIT, SCOOT, SCATS. Further information is available at: www.yunextraffic.com

