Asia’s leading rail industry gathering

13 – 15 March 2012
Shangri-La Hotel Kowloon, Hong Kong
10 reasons to attend

For rail operators, working out how to balance operational efficiency, safety and bottom-line performance is a big challenge, especially as infrastructure ages and asset performance deteriorates.

In the growing railway industry, benchmarking with other metros is the best strategy to improve on performance and profitability.

Asia Pacific Rail 2012 is the platform where C-level railway professionals strategise to drive profitability whilst ensuring optimal reliability and safety. Gain firsthand information from your regional rail peers on how they are addressing their challenges, so you too can implement these in your organisation.

1. Benchmark your rail network with the world’s leading operators and learn how to improve on your KPIs
2. Optimise tunnel design and construction strategies to minimise costs and drive on-time project delivery
3. Apply the right innovation to optimise resource management, operational and cost efficiency
4. Deploy the right energy efficient systems to reduce operational costs
5. Implement the best rolling stock and signalling systems that meet metro expansion plans
6. Drive asset performance through robust O&M management
7. Learn about the latest technologies to improve public transit security
8. Build a secure and resilient network through a sound crisis management strategy
9. Achieve maximum ROI on your fare collection systems by extending asset life
10. Improve your network’s financial viability through effective revenue optimisation strategies

View the event website on your phone
Scan this QR pattern with the camera on your smartphone to view Asia Pacific Rail 2012 website. Don’t have a QR reader app? You can download one for free from the App Store. Don’t have a smartphone? You can also visit the website on www.terrapinn.com/asiarail
Sim Wee Meng | Group Director, Rail (Circle and Downtown Lines) | Land Transport Authority, Singapore

Mohd Nur Ismail Mohamed Kamal Chief Executive Officer Land Public Transport Commission, Malaysia

Bambang Susantono Vice Minister of Transportation, Indonesia

Keynote Plenary Session

T.C. Chew Projects Director MTR Corporation, Hong Kong

Sim Wee Meng Group Director, Rail (Circle and Downtown Lines) Land Transport Authority, Singapore

operations & Maintenance

Jacob Kam Operations Director MTR Corporation, Hong Kong

Witoon Hatairatana Operations Director Bangkok Metro Public Company Limited, Thailand

Alex Chang Chief Operating Officer, Railways Operations Taiwan High Speed Rail Corporation

signalling

Karl Dodsworth Project Manager, Signalling MTR Corporation, Hong Kong

Khoo Hean Siang Executive Vice President, Trains SMRT Trains Ltd, Singapore

Rolling Stock

Jurandir Fernandes Metropolitan Transport Secretary of São Paulo, Brazil

D.D. Pahuja Director, Rolling Stock Signalling and Electric Bangalore Metro Rail Corporation Limited, India

Mike Yeoman Independent Rolling Stock Consultant Hong Kong

Metro Projects and New Lines

N. Sivasalam Managing Director Bangalore Metro Rail Corporation Limited, India

Sanjay Gupta Executive Chairman Metrolink Express for Gandhi Nagar and Ahmedabad Limited, India

Tunnelling and Construction

David Sorton General Manager, XRL Civil Construction MTR Corporation, Hong Kong

Marcus Levin Karakashian Project Director MRT Co., Malaysia

Rachmadi Director of Engineering and Project PT MRT Jakarta, Indonesia

Smart Rail

David Leung Chief of Operations Engineering MTR Corporation, Hong Kong

Richard Keefe General Manager, Infrastructure MTR Corporation, Hong Kong

Hemant Garg Head – IT Mumbai Metro One Pvt. Ltd., India

Anil Kumar Head of Engineering and Railway Systems L&T Metro Rail Hyderabad Limited, India

Ronald Cheng General Manager, Technical and Engineering Services MTR Corporation, Hong Kong

Jong-Hun Park Director of General Engineering Seoul Metropolitan Rapid Transit Corporation, Korea

Conference Advisory Board

Ian Whitton Executive Director, Railways AECOM, Hong Kong

Witoon Hatairatana Operations Director Bangkok Metro Public Company Limited, Thailand

Sim Wee Meng Group Director, Rail (Circle and Downtown Lines) Land Transport Authority, Singapore

Rail Revenue and Customer Management

Seung-Pyo Hong Passenger Marketing Department Director KORAIL

Joubert Fortes Flores Filho Institutional Relations Director Metro Rio, Brazil

Mainline

Jacob Kam Operations Director MTR Corporation, Hong Kong

Sakhom Pheakavannomy Secretary of State Ministry of Public Works and Transport, Kingdom of Cambodia

Ek Sittivek Chief, Policy Planning Research and Development Bureau State Railway of Thailand

Register now www.terrapinn.com/asianal
### Day One: Asia Pacific Rail 2012 - Wednesday 14 March 2012

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#### Track 1: METROS

- **Keynote Address:** Building monorails to expand network capacity whilst delivering cost efficiencies
  - Jurandir Fernandes, Metropolitan Transport Secretary of São Paulo, Brazil

#### Track 2: TUNNELLING & CONSTRUCTION

- **Keynote Address:** Justifying costs vs. returns in investing in monorails
  - Jurandir Fernandes, Metropolitan Transport Secretary of São Paulo, Brazil

#### Roundtable Discussions

- **1.** Rolling stock technology
  - H.S. Anand, Director, Rolling Stock, Delhi Metro Rail Corporation, India
  - Sim Wei Meng, Group Director, Rail (Circle and Downtown Lines), Land Transport Authority, Singapore

- **2.** Signalling systems
  - Karl Dodsworth, Project Manager, Signalling, MTR Corporation, Hong Kong

- **3.** Network communications
  - Billy Chan, Transportation Consultant APA, System Integration Division, Alcatel-Lucent
  - H.W. Chan, Communications Network and Software Engineering Manager, MTR Corporation, Hong Kong

- **4.** Operations and maintenance
  - Jacob Kam, Operations Director, MTR Corporation, Hong Kong

#### Chairperson's closing remarks and end of conference day 1

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**Day One**

- 08:00 - 08:40: Registration and welcome remarks
- 08:40 - 09:30: Keynote Address: Driving MTR's ridership and revenues through metro development
- 09:30 - 10:00: Keynote Address: Doubling Singapore's rail network by 2020 and delivering a people-centred land transport system
- 10:00 - 10:20: Facilitating people flow in transit stations using efficient and reliable end-user transportation solutions
- 10:20 - 10:40: Keynote Address: Expanding Malaysia's railway network: What are the key policies and projects to accelerate development?
- 10:40 - 11:00: Addressing the impact of rapid changes in information technology on railway signalling and communications
- 11:00 - 11:20: Morning refreshments and exhibition viewing

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**Day Two**

- 11:20 - 11:40: Chairperson's opening remarks
- 11:40 - 12:00: Keynote Address: Meeting the increasing challenges of delivering projects on-schedule
- 12:00 - 12:30: Keynote Address: Achieving optimal alignments – Understanding and overcoming key challenges in planning and feasibility studies of metro alignments
- 12:30 - 13:00: Designing and deploying communications for the Gotthard Tunnel, the world's longest railway tunnel
- 13:00 - 13:30: Networking lunch and exhibition viewing
- 13:30 - 13:50: Chairperson's opening remarks
- 13:50 - 14:10: Keynote Address: Key strategies to ensure efficient construction of Malaysia's first mass rapid transit
- 14:10 - 14:40: Optimising and systematising project management for the efficient construction of the Korean High-Speed Railway
- 14:40 - 15:00: Design and construction aspects of TBM tunnels
- 15:00 - 15:20: Chairperson's closing remarks and end of conference day 2

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**Track 1: METROS**

- Bambang Susantono, Ministry of Transportation, Indonesia
- Jurandir Fernandes, Metropolitan Transport Secretary of São Paulo, Brazil
- Peter Timan, Senior Specialist, Vehicle System Engineering, Systems Division, Bombardier Transportation, Canada

**Track 2: TUNNELLING & CONSTRUCTION**

- MTR Corporation, Hong Kong
- Bombardier
- Alcatel-Lucent

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**Roundtable Discussions**

- 1. Rolling stock technology
  - H.S. Anand, Director, Rolling Stock, Delhi Metro Rail Corporation, India
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- 4. Operations and maintenance
  - Jacob Kam, Operations Director, MTR Corporation, Hong Kong

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**Chairperson’s closing remarks and end of conference day 1**

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**Conference Day 1**

- **09:30 - 10:40:** Keynote Address: Indonesia's National Railway Master Plan
- **10:40 - 11:00:** Keynote Address: Achieving optimal alignments – Understanding and overcoming key challenges in planning and feasibility studies of metro alignments
- **11:00 - 11:20:** Morning refreshments and exhibition viewing

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**Conference Day 2**

- **11:20 - 12:00:** Chairperson's opening remarks
- **12:00 - 12:30:** Designing and deploying communications for the Gotthard Tunnel, the world's longest railway tunnel
- **12:30 - 13:00:** Networking lunch and exhibition viewing

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**Conference Day 3**

- **13:00 - 13:20:** Chairperson's opening remarks
- **13:20 - 14:00:** Keynote Address: Key strategies to ensure efficient construction of Malaysia's first mass rapid transit

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**Conference Day 4**

- **14:00 - 14:30:** Optimising and systematising project management for the efficient construction of the Korean High-Speed Railway
- **14:30 - 15:00:** Design and construction aspects of TBM tunnels

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**Conference Day 5**

- **15:00 - 15:20:** Chairperson's closing remarks and end of conference day 5
**Day Two**

**Asia Pacific Rail 2012 - Thursday 15 March 2012**

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| 09:00 | **Keynote Address:** Evaluating and implementing signalling systems in a greenfield and brownfield environment  
T.C. Chew  
Projects Director  
MTR Corporation, Hong Kong |
| 09:40 | **Keynote Address:** Upgrading SMRT’s signalling system to meet future capacity requirements and maximise passenger safety  
Khoo Hean Siang  
Executive Vice President, Trains  
SMRT Trains Ltd, Singapore |
| 10:00 | Morning refreshments and exhibition viewing                                                    |
| 10:30 | **Keynote Signalling Forum:** Modernising signalling and communications systems to improve operational safety, quality and efficiency  
Joffrey Lauthier, Head of Sales, Asia Pacific, Rail Control Solutions Division, Bombardier Transportation  
Yog Raj Bhardwaj, Additional Vice President and Head – Signalling, Delhi Airport Metro Express Pvt. Ltd., India  
Stephane Feray Beaumont, Managing Director, Delta Team, GE Transportation – Intelligent Control Systems  
Interviewers:  
Sim Wee Meng, Group Director, Rail (Circle and Downtown Lines), Land Transport Authority, Singapore  
Karl Dodsworth, Project Manager, Signalling, MTR Corporation, Hong Kong |
| 11:00 | Morning refreshments and exhibition viewing                                                    |
| 11:30 | **Safety Forum:** Improving public transit security: How can metro operators implement a sound crisis management strategy?  
Nelson Ng, General Manager, Safety and Quality, MTR Corporation, Hong Kong |
| 13:00 | **Afternoon Keynote Address:** Driving efficiency in metro operations: Maintaining optimal availability, reliability and performance of assets  
Jacob Kam  
Operations Director  
MTR Corporation, Hong Kong |
| 14:00 | Wireless technologies to improve operations, safety, security and drive revenue  
Alvin Lim, Business Development Manager, Transportation Vertical Market, Motorola Solutions Asia Pacific |

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**TRACK 1: METROS**

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Interviewers:  
Sim Wee Meng, Group Director, Rail (Circle and Downtown Lines), Land Transport Authority, Singapore  
Karl Dodsworth, Project Manager, Signalling, MTR Corporation, Hong Kong |
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| 11:30 | **Safety Forum:** Improving public transit security: How can metro operators implement a sound crisis management strategy?  
Nelson Ng, General Manager, Safety and Quality, MTR Corporation, Hong Kong |
| 12:00 | Maximising coal transport capacity through private railways in Sumatra  
Julson Arlin  
Railway Advisory  
PT Bukit Asam Transpacific Railway, Indonesia |
| 12:30 | Accelerating the rehabilitation and development of Cambodia’s railways  
Sokhom Phakavanmony  
Secretary of State  
Ministry of Public Works and Transport, Kingdom of Cambodia |
| 12:30 | Networking lunch and exhibition viewing                                                        |

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**TRACK 2: MAINLINE**

**DEVELOPING ASIA’S RAIL NETWORK**

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| 09:50 | **Keynote Address:** South Korea’s rail network by 2020  
Samjin Lim  
Executive Vice Chairman  
The Korea Railway Association |
| 10:00 | **Keynote Address:** Implementing a scalable approach to train protection  
Marco Palombi  
Product Manager  
GE Transportation, Italy |
| 10:30 | **Implementing a scalable approach to train protection**  
Marco Palombi  
Product Manager  
GE Transportation, Italy |
| 11:00 | Morning refreshments and exhibition viewing                                                    |
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**SOUTH ASIA AND INDOCHINA**

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| 13:00 | Optimising railway connectivity through building, upgrading and expanding beyond Malaysia  
Hilmi Hassan  
General Manager, Finance  
Keretapi Tanah Melayu Berhad, Malaysia |
| 13:30 | Networking lunch and exhibition viewing                                                        |
| 14:00 | Optimising railway connectivity through building, upgrading and expanding beyond Malaysia  
Hilmi Hassan  
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**METRO AND PASSENGER SAFETY**

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**OPERATIONS AND MAINTENANCE**

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Jacob Kam  
Operations Director  
MTR Corporation, Hong Kong |
| 14:00 | Wireless technologies to improve operations, safety, security and drive revenue  
Alvin Lim, Business Development Manager, Transportation Vertical Market, Motorola Solutions Asia Pacific |
17:30 Rail Revenue Forum: Effective revenue management strategies to improve the financial viability of the metro
R.M. Krishnan, Joint General Manager, Marketing, Delhi Metro Rail Corporation, India
Interviewer: Alok Jain, Regional Director (India), MVA Asia Ltd., India

18:00 Chairperson’s closing remarks and close of the Asia Pacific Rail conference

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**Day Two**
Asia Pacific Rail 2012 - Thursday 15 March 2012

**TRACK 1: METROS**

**14:20 O&M Forum:** Maximising operational efficiency – How can operators detect and eliminate inefficiencies in operations?
Wilton Hatalatama, Operations Director, Bangkok Metro Public Company Limited, Thailand
Boon Cher Har, Managing Director, KONE, Hong Kong
Jacob Kam, Operations Director, MTR Corporation, Hong Kong
Alex Chang, Chief Operating Officer, Railway Operations, Taiwan High Speed Rail Corporation

**15:20 Ticketing Forum:** Maximising ROI on fare collection systems – What are the issues and needs of the transport authority and operator?
Paradon Nitaya, Lead Manager, Operations Revenue Strategies / ARC, MTR Corporation, Hong Kong

**16:10 Rail Revenue and Customer Management**

**17:30** Rail Revenue Forum: Effective revenue management strategies to improve the financial viability of the metro
R.M. Krishnan, Joint General Manager, Marketing, Delhi Metro Rail Corporation, India
Joubert Fortes Flores Filho, Institutional Relations Director, Metro Rio, Brazil

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**TRACK 2: MAINLINE**

**14:30** Emerging strategies of State Railway of Thailand: Directions under the new Thai government
Ek Sittivatanin, Chief, Policy Planning Research and Development Bureau, State Railway of Thailand

**15:00** Implementing Vietnam’s Transport Vision 2020 to improve railway safety and efficiency
Han Nhu Quynh, Director, International Relations Department, Vietnam Railways

**15:30** Partnering with private sector to expand railway infrastructure in Pakistan
Shahid Ahmed, General Manager, Manufacturing and Services, Pakistan Railways

**16:00** Afternoon refreshments and exhibition viewing

**16:30** Closing Forum: Building and expanding a profitable national railway network
Hilmi Hassan, General Manager, Finance, Keretapi Tanah Melayu Berhad, Malaysia
Shahid Ahmed, General Manager, Manufacturing and Services, Pakistan Railways
Ek Sittivatanin, Chief, Policy Planning Research and Development Bureau, State Railway of Thailand
Han Nhu Quynh, Director, International Relations Department, Vietnam Railways

**17:30** Chairperson’s closing remarks and end of Mainline Day
8:00  Registration
8:45  Organiser’s welcome remarks
8:50  Chairperson’s opening remarks

9:00  Keynote Address: Utilising information technology to optimise resource management, operational and cost efficiency
David Leung  Chief of Operations Engineering  MTR Corporation, Hong Kong

9:30  Keynote CIO Forum: Evaluating IT systems to optimise asset management and boost capacity, safety and operational efficiency
Anil Kumar, Head of Engineering and Railway Systems, L&T Metro Rail Hyderabad Limited, India
Richard Keefe, General Manager, Infrastructure, MTR Corporation, Hong Kong
C.C. Chang, President, Taoyuan Rapid Transit Corporation, Taiwan

10:30  Morning refreshments and exhibition viewing

11:00  Improving maintenance efficiency and asset reliability with IT solutions
Richard Keefe  General Manager, Infrastructure  MTR Corporation, Hong Kong

11:30  Creating efficiencies in operations: Establishing a single platform to integrate rail operations and management
Hemant Garg  Head – IT  Mumbai Metro One Pvt. Ltd., India

12:00  Developing IT systems to improve Seoul Metro Rapid Transit’s O&M management
Jong-Hun Park  Director of General Engineering  Seoul Metropolitan Rapid Transit Corporation, Korea

12:30  Networking lunch and exhibition viewing

14:00  Case Study: Deploying energy efficient systems to reduce energy consumption and operational costs
Ronald Cheng  General Manager, Technical and Engineering Services  MTR Corporation, Hong Kong

14:30  Case Study: Maximising energy efficiency and reducing your carbon footprint with the latest escalator technology
Johannes de Jong  Director of Technology  KONE Corporation

15:00  Afternoon refreshments and exhibition viewing

15:30  Energy Efficiency Forum: Building intelligent, environmentally friendly railways: How can you make metros more sustainable?
Anil Kumar, Head of Engineering and Railway Systems, L&T Metro Rail Hyderabad Limited, India
Ronald Cheng, General Manager, Technical and Engineering Services, MTR Corporation, Hong Kong

16:30  Chairperson’s closing remarks and end of Smart Rail World Asia
4 separate tracks in one event
1 combined exhibition floor where you can meet with world class suppliers
Over 50 speaker sessions giving you the latest solutions and technology
Countless networking activities so you can set up key meetings with industry leaders
Attend our delightful cocktail function and meet with other operators at our breakfast reception

Networking Activities
Operators’ Breakfast Reception
Date: 14 March 2012, 7:30 – 8:30 AM
To RSVP, please contact Sophia Ku at +65 6322 2720 or sophia.ku@terrapinn.com.

Networking Cocktail Reception
Date: 14 March 2012, 6:00 – 7:00 PM

Partners

Who should attend
Who should sponsor

Operators

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To establish credibility for your product or service
To create awareness, raise your profile and get your brand, product or service in front of mind with key decision makers
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