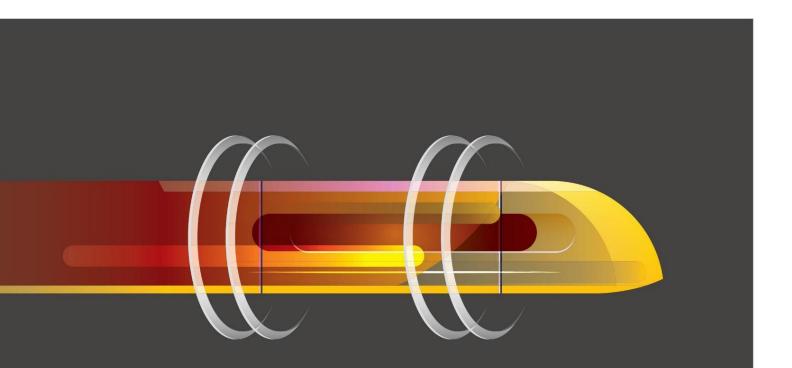


19-20 March 2019

Hong Kong Convention & **Exhibition** Centre Hong Kong



The future of rail in Asia

POST EVENT REPORT



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EVENT OVERVIEW

Dear Colleague,

The 21st edition of Asia Pacific Rail took place in Hong Kong on **19-20 March 2019**, once again in partnership with MTR Corporation.

In our biggest and best event yet, the 2019 edition attracted more than 2,000 attendees from 42 countries, cementing Asia Pacific Rail's position as the must-attend annual gathering of the APAC rail industry's decision-makers and key stakeholders. The event attracted executives from the region's largest and most influential rail operators, authorities, service providers, consultants as well as government delegations.

Over 150 expert speakers provided their insights across two days in 7 premium conference tracks and 3 on-floor seminar theatres. Key themes in our premium conference sessions included *digital rail, metro & mainline projects, signalling & communication strategies & technologies, O&M, asset management, passenger experience, revenue management, ticketing, rail power* and more. In our on-floor seminar theatres, we offered insights into *track infrastructure, project management, latest technologies, safety, reliability and disruption management*. Brand new for 2019, we also curated a special theatre on *North Asian Rail Innovations* that was conducted in Mandarin.

Attendees of the special Asia Pacific Rail pre-conference site visit, hosted by MTR Corporation, enjoyed a tour and preview of the Operations Control Centre (OCC) and High Speed Rail Hong Kong West Kowloon Station (WEK Station).

We'd like to say a huge thank you to our speakers, sponsors, exhibitors, attendees & partners for your support of Asia Pacific Rail 2019. Thank you also to MTR Corporation, our continued close partner, for their guidance and support.

We couldn't be more excited for 2020, and we're already hard at work on it! We'll be bringing you even more - more content, more networking opportunities and more solution partners to explore.

It's never to early to get involved. For 2020 sponsorship & exhibition enquiries, contact **Bastiaan van der Heijden** on <u>bastiaan.heijden@terrapinn.com</u> and to explore speaking at the event, contact **Parveen Sekhon** at <u>parveen.sekhon@terrapinn.com</u>.

Best regards, The Asia Pacific Rail Team "Asia Pacific Rail Conference is a highlight for me every year. The Conference continues to have better content, panel discussions, and exhibitors year by year. The 2019 event was the best one so far."

- Dr Jacob Kam, Chief Executive Officer, MTR Corporation



HEADLINE STATISTICS

2000+ TOTAL ATTENDEES

800+	PREMIUM CONFERENCE ATTENDEES	
150+	RAIL SPEAKERS & EXPERTS	
724	ATTENDING ORGANISATIONS	
42	COUNTRIES	
10	THEATRES OF CONTENT	

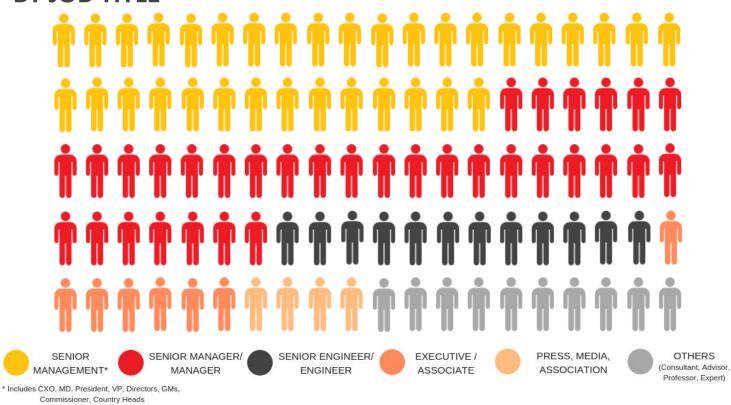


STATISTICS BREAKDOWN

BY PROFILE

23%	RAIL AUTHORITIES & OPERATORS		
3%	MINISTRIES & GOVERNMENT AGENCIES		
12%	SIGNALLING & COMMUNICATIONS		
12%	CONSULTANTS / ARCHITECTS / CONSTRUCTION		
6%	IT (CYBER SECURITY / PREDICTIVE ANALYTICS / SMART TRANSPORTATION)		
2%	POWER & ELECTRIFICATION		
5%	ROLLING STOCK		
6%	ROLLING STOCK COMPONENTS		
4%	STATIONS - TECHNICAL EQUIPMENT / BUILDING MATERIALS		
2%	TESTING & CERTIFICATION		
3%	TICKETING & REVENUE		
5%	TRACK INFRASTRUCTURE & MAINTENANCE		
9%	ASSOCIATION, MEDIA, PRESS & ACADEMIA		
7%	OTHERS		

BY JOB TITLE



"Asia Pacific Rail is a great forum to learn lessons about common challenges within the industry and to develop strategies for dealing with these issues."

- Gary Lampard, Director, Network Integrity Assurance, Public Transport Victoria.





2iSYS 3M A Mag A-ONETECH LIMITED ABC Ableslink Company Limited Abloy Access IS ACCIÓ Hong Kong Acktec Technologies ACM ACT - Asia Corporate Training Advanced Card Systems Ltd Advantage Austria AECOM Airport Authority Hong Kong Airsight Australia Alberta Government Office in Hong Kong Alcatel-Lucent Enterprise Alf Technologies India Pvt. ltd. **Alius Consulting** Allianz Global Corporate & Specialty SE Singapore Branch Allison + Partners Alstom Group Altai Technologies Am730 Media Limited Amadeus IT Group SA Amadeus Singapore Pte Ltd Amantronic SDN BHD AMETHYSTE AMR Asia Company Limited Amsted Rail Anaheim University anhui huirui orbital smart equipment Anhui HuiRui Track Intelligent Equipment Anson Tools and Trading Associated **Applanix Corporation** Apple Daily Limited appledaily ArcelorMittal Arup Asia Consulting Group Asia Engineering (HK) Ltd Asia Traffic Technology & Service Asia Vision Technology Ltd Asian Infrastructure Investment Bank Asianet Consultants Assa Abloy Association Of Hong Kong Railway Transport Professional ATE Energy Atkins Atkins Global Attic Engineering Ltd Aurecon Aurecon Hong Kong **Axis Communications** Axis Communications Limited Axon Vibe Bagla Elecricals & Electronics Pvt. Ltd. BAI **BAI Communications Ltd** Bangkok Expressway and Metro Public Company Limited Bangkok Mass Transit System Public Company Limited

Bangkok Payment Solutions Company Limited baring asset mgmt bc eng. co. Beacon Bechtel **Beijing Jiaotong University** Beijing Jiaxun Feihong Electrical Ltd **Beijing MTR Corporation** Beijing Teye Industrial & Trade Corp. Beijing Traffic Control Technology Co., Ltd. (TCT) Beijing Traffic Control Technology Ltd Co **Belden Asia Belden Singapore** Benaim **Bentley Systems** Best Western Grand **Beta Electric Corporation** beta Electromechanical Corporation BIGTIDE Bisa Technologies (HK) Ltd. **BK ASIA PACIFIC BKAsiaPacific** BKAsiaPacific (Hong Kong) Limited BMT **Bombardier Transportation** Boston Home Inc. **Brady Corporation** Bricsa Consulting Pvt Ltd Bright Sunlight Co. Ltd. BRON **BT** Industries Inc. **BTI Wireless Ltd** BTS BTSC **BUiM Group Bulls Auto Services Ltd** Bureau Of High Speed Rail M.O.T.C. **Business France - French Trade Commission BYD** Company Limited BYD Company Ltd. 23 Divison c f s investements C.MON Cable TV CBRF CCT InfoTech (Hong Kong) Ltd. **Celduc Relais** Celex LED Technology Ltd. CEMAR Central Physiotherapy and Sports CG of France Chaine des Rotisseurs Chennai Metro Rail Limited Cherrypicks CHINA ASSOCIATION OF METROS China Daily Hong Kong China News Service Hong Kong Branch Limited China Railway Construction China Railway Guangzhou Group Co., Ltd China Railway International Trading (HK) Limited China Railway Material Group Company Limited China shenhua Transportation industry operation and management center China Southwest Jiaotong University Railway Development Со

ATTENDING COMPANIES

China UnionPay Chubb Hong Kong Limited Chun Wo Construction and Engineering Co CIC CIEC EXHIBITION CO HK LTD CILTHK **Cisco Systems** cITDC City University of Hong Kong Citybus Limited / New World First Bus Services Limited **CLP Engineering Ltd CLP Power Hong Kong CLR** consultation CMO Asia Cogniac Coin-Tech Automatic Payment Systems (Shenzhen) Co., Ltd. Coin-Tech Services Hong Kong Ltd Comba Telecom Limited Commsec Inc. concept communication (hk) limited Consulate General Of India Consulate General of Italy in Hong Kong Consulate General Of Malaysia Trade Section Consulate General of Myanmar CONSULATE GENERAL OF SPAIN TRADE COMMISSION Consulate General Of The Republic Of Indonesia convergence square Copperleaf **Cornell University** costa monte resort CRCHK CRM (HONG KONG) HOLDINGS LIMITED CRM (Hong Kong) Trading Limited CRRC **CRRC** Corporation Limited CRRC HK CAPITAL MANAGEMENT CO., LTD. CRRC Hong Kong Co. Ltd CRRC Kuala Lumpur Maintenance Sdn Bhd CRRC Zhuzhou Locomotive Co., Ltd. Cubic Technologies Singapore Pte Ltd Cundall Currie & Brown CV SRI ADIWANGSA D.M. Consunji, Inc. **D.N.A.** Financial Systems Dai-ichi Shoji co. Ltd Dalat TK Entertainment LTD DAMM Cellular Systems A/S **DataSource International** DaTong Xincheng New Materials Co., Ltd **DB Engineering & Consulting GmbH Db Systemtechnik** De Hua Material Testing Co., Ltd. **Deloitte Tomatsu Fas Dennispnut Creations** Department of Rapid Transit Systems Department of Rapid Transit Systems New Taipei City Government Department of Transportation - Railways Sector Deutsche Bahn AG **Dexterity Electronic Company Limited** DHL Global Forwarding H.K. Ltd **Dicentral Limited**

Digi Wireless Singapore Pte Ltd **Direct Business Co** Directorate General of Railways, Ministry of Transportation **Republic of Indonesia** Doosan Babcock Dowslake Microsystems Ltd Dr Pendl & Dr Piswanger Romania Srl E-Leather Eao Ag Earth Products China Ltd East Japan Railway Company East Japan Railway Trading Co., Ltd. ECIS ECRRC Ee - Systems Ltd Egis Rail **Electrical & Mechanical Services Department** Elis Engineering And System Hong Kong Ltd Elis Infotech Systems Co., Ltd. **Emcomp Internatianal AB** emka EMSD, Government of the HKSAR **Energy Use Strategy Advisors** ENGIE **EPIC MOMENTS** Era Contact (Suzhou) Co Ltd Era electric Centre limited Ergonomie Australia Pty Ltd Esme One Asia Ltd Europcar Hong Kong eyemore Faiveley Transport (a Wabtec Company) Falcon motor FC Group Feisheng Culture Education Foundation FIME SAS **Financial Times Fleet Solutions International** Flex FLIR Systems FocusAsia Media Ltd. Fogtec Brandschutz Gmbh **FOGTEC Fire Protection Fordex Electric** Foster + Partners French Trade Commission in China **Fugro Geotechnical Services** G-matrix Hong Kong Ltd G.C.A. Professional Services Group Ltd G4S GATE NETWORK PTE LTD GE Transportation (a Wabtec Company) **Genuine Engineering Solutions Limited** German Industry and Commerce Ltd Gernes Group Co., Ltd. Giro Inc. Gmv GoEuro golong Good Excel Property Consultnats **Gough Recruitment** GRANBO CONSTRUCTION COMPANY LIMITED **GRC TAIWAN**

ATTENDING COMPANIES

Grgbanking equipment co., Itd GTech Consultants ltd GUANGDONG NORTHWEST AVIATION TECHNOLOGY CO., LTD. H S HOLDINGS CO LTD H.A.R.T.I.N.G. Singapore Pte Ltd H.K. Productivity Council H.K.S.A.R. Government HALFEN (Beijing) Construction Accessories Sales Co., Ltd. HALFEN GmbH hangtian huatuo Harbinger Infrastructure HARTING Shenzhen HASSELL Limited HDTechno Oy Hebei Jiwu International (HK) co. Ltd. HellermannTyton (Wuxi) Electrical Accessories Co., Ltd. **Hik Vision** Hikvision Hk Government **HK Tramways** hk01 HKEX HKTDV HKTILC HKTTC Hohhot Rail Transit HollySys Holmatro industrial equipment B.V. Hong Kong Airport Authority Hong Kong Commercial Broadcasting Company Limited Hong Kong Council of Social Service Hong Kong Disneyland Hong Kong International Theme Parks Limited Hong Kong Productivity Council Hong Kong Trade Developmenet Council hong kong tramways Hong Kong Tramways Limited Hongkong International Theme Parks Limited Hop Yuen Construction Company Hop Fung **HSBC Banking Corporation** Huangshi Bangke Technology Co., Ltd Huawei Technologies Huber And Suhner Hubner Interface Systems (Shanghai) Co., Ltd. Hytera Communications Corporation LTD. Hyundai Rotem Company I-Cable News Limited **Idea Logistics** IDEMIA Singapore Pte. Ltd. Imperial College Impressive Applications In Pulse Development Ltd. Indian Railways Indonesian Railway Industrial Bank Co. Industrial Centre, The Hong Kong Polytechnic University Ingerop Conseil ET Ingenierie **INGEROP Engineering** INIT Asia-Pacific Pte. Ltd. initplan GmbH Inmarsat

Inner Mongolia Traffic Control Anjie Technology Innovation And Technology Commission Innovative security Institute of Railway Technology Institution of Civil Engineers Institution of Railway Signal Engineers (Hong Kong) International Association of Public Transport International Railway Journal Intria Limited **Invest Hong Kong** Iris Gmbh IRJ Pro IRSE (HK) **IRZ Lokomotiv** iTakapps Ltd Itochu Hong Kong Ltd. IY Railroad Consulting Jacksons and Brothers Jacobs Jakarta Alarm (Bosch) japan Jardine Schindler Group JCDecaux Transport Jenka Industries Ltd Jiaxun JMC John Holland Pty Ltd Johnson Controls JunCtion Tech Co. Ltd. JW Consult K.M.B. K.M.L. Technology Co. Limited Kangwei Tongchuang Group Kaohsiung Rapid Transit Corp Karin Electronic Supplies Co., Ltd. Karin Technology Holdings **KELMER** Kenwo Corporation Limited **Keolis Commuter Services Kepro Solutions Limited Key Direction Limited** Key Systems and Components **KML Engineering Ltd** Knick Shanghai Electronic Measurement Trading **Knight Frank Petty Ltd Knorr Bremse Asia Pacific** Kochi Metro Rail Limited Kolkata Metro Rail Corporation Limited KONE Kone Asia Pacific Konten Network Inc. **KONUX GmbH** Kotra HK Kraus Elektrotechnik Kreative GSA Ltd. KRTC **KTT Consultant KUM Shing Engineering Kum Shing Group** Kumsan M and E Co Ltd Kusieog Ltd L.A. Enterprises LA-CO Industries



Land Transport Authority of Singapore Lantech Communications Global Inc Lao Railways Lea+Elliott, Inc. Lee & Co LG U+ Liebherr (HKG) Limited Liebherr-Hydraulikbagger Gmbh Light Rail Manila Corporation Light Rail Transit Authority Lighthouse Technologies Limited Linkers Enterprises Corp Linsinger Maschinenbau Logikal Projects Ltd Logistics and Supply Chain MultiTech R&D Centre Limited London Underground Lorient Pacific Ltd. Lumentech Company Ltd **M** Securities Limited M.C.S.Digital M.V.A. Asia Ltd Macau Pass Co Ltd MACAUEC Macaupass S.A. Macquarie Capital Maha Metro, Nagpur, India Maintenance support Mak Hang Kei (HK) Construction Limited Malherbe Paris in Asia Mandai Park Development Pte Ltd Maple Consulting Group Marine Department - Hong Kong Marvel Digital Ltd Masabi Mass Rapid Transit Authority of Thailand Mass Rapid Transit Bureau, Kaohsiung City Government, Taiwan (R.O.C.) Mass Rapid Transit Corporation Sdn Bhd Maxim Middle East Executive Search McLaren Applied Technologies **Meggitt Sensing Systems** Messe Berlin GmbH Messe Frankfurt New Era Business Media Ltd. Messe Munich Metro Radio Metro Rail Transit Line 3 Metro Trains Melbourne **Metro Transit Solution** Metroselskabet og Hovedstadens Letbane **MFB** Products Asia MHK Electrical & Telecom. Engineering Ltd. Milwaukee Composites Inc Milwaukee Tool Ming Pao Newspapers Limited Ministry of Public Works and Transport, Kingdom of Cambodia Ministry Of Transport And Communication Mitsubishi Corporation Mitsubishi Electric Corporation Mitsubishi Heavy Industries, Ltd Macau LRT Project Office MOBATIME India Pvt. Ltd. Mors Smitt Asia Ltd Motorola Solutions Singapore Pte Ltd

Moxa Inc **Regin Controls** MRAIL, INC. MRCB-GK Msi Global MTM Lab Japan Limited **MTR** Corporation Multi Vision Media (Hong Kong) Co. Limited **MVMHK NEWS** MYHSR Corporation Sdn Bhd N.W.S. Holdings Limited Ltd National Capital Region Transport Corporation National Development Bank of Cambodia National Taiwan University NEC **NEC Networks & System Integration Corporation** Nencki Netka System Co., Ltd. New Creative Global Resources New Effort Limited Nikkei Asian Review NobelClad Nokia Noske-Kaeser Rail & Vehicle NOVA2PAY Novox Limited NOW TV NEWS nVent **NXP** Semiconductors O.B.B. O.O.C.L. Logistics H.K. Ltd **Octopus Holdings** Office of Transport and Traffic Policy and Planning (OTP), Ministry of Transport of Thailand **Omni Signal Consultancy** omron social solutions On.Cc **ONYX** media group **OOCL** Logistics **Optimus** Asia **Oriental Press Group** OTN Systems N.V. OUHK **Ove Arup & Partners** OWIN P.P.S. International PANAMASIA FINANCIAL SERVICES PantoInspect Park Hotel Hong Kong Pccw Cascade Ltd PCCW Global **PCCW Solutions Limited** PCI Hong Kong Limited PEIPORT SCIENTIFIC AERO LTD Penjing Asset Management Pentagon Technology (Asia) Ltd PerceptIn Perpetuum Ltd **Philippines National Railways** Phoenix Asia Corporation PlanGrid Pluxity Co., Ltd. Poryan China Co., Ltd.



Positronic Asia Pte Ltd Poweria POWERSOURCE Prasarana Malaysia Berhad Pro Logistic Ltd. Pro- Technic Machinery Progress Rail Services Division -Caterpillar **Projection Group PSK consultants** PT. KAI PT. Kereta Cepat Indonesia China **PTV Asia-Pacific Public Transport Victoria** PwC Pypun-K.D & Associates Ltd Qingdao Railway Transportation Equipment CO.,LTD Qoudra HEXIoT **Queensland Rail** R.A.T.P. Group R.P.S. SUPPLY CO., LTD. **R2P Asia Pacific** Radio Television Hong Kong RADWIN Rail Branch, Hong Kong Government Rail model Rail Personnel Ltd **Rail Professional Rail Projects Victoria** Rail Safety Consulting, a Division of TUV Rheinland Mobility Railcon Railway and Transport Strategy Centre, Imperial College London Railway Asset Corporation, Malaysia **Railway Digest Railway Gazette International Railway Possessions Australia Railworks Corporation / Teltronic RAM and Maintenance** Ramboll **RATP Dev Rentech Service Limited Ricardo Rail Ridgid Plumbing Limited Robustel Technologies Rocketech Technology** S&SER Limited Sabic SAFA Consutling Services Co. Ltd Safety Accient and failure Experts SAFT Samjung SR Samson Innovation Corporation Ltd SBS Transit Ltd Scania Schaltbau Asia Pacific Ltd. Schneider Electric (HK) Ltd. Schrey & Veit **SCMO** SDDA Pte Ltd Secheron Semway Limited Seoul Metro Septentrio

Sgs Hong Kong Ltd SGS-CSTC Standard Technical Services Co.,Ltd SHANDONG EAST ENGINEERING TOOLS CO., LTD Shanghai Dian Jie Technology Trade. Co., Ltd. Shanghai Fosun Railway Investment Shanghai Yiqi Electronic Technology Shen Milsom & Wilke Ltd Shenyang Yuancheng Friction and Sealing Material Shenzhen Bigtide Tech. Co. Ltd. Shenzhen Bus Group Co., Ltd Shenzhen Jdd Tech New Material Co., Ltd. Shenzhen Logistics and Supply Chain Management Association Shinryo hong Kong Shun Hing Systems Integration Co., Ltd Shuo huang railway company SICAMEX ASIA Siemens Limited Siemens Mobility GmbH Silverlake S/B Simpleway Asia Pacific Ltd. Sino Group Industries Ltd Sinotrans Shipping Co Ltd SITES China SkyDrinks Hong Kong Smart City Consortium SNC Lavalin SNCF Sojitz Corporation Sopra Steria Asia Pte Ltd Sothebys Imprint Sound Transit South China Morning Post Southwest Jiaotong University SPARTANS 3 TRADING CORPORATION Sri Lanka Railways ST Electronics (Thailand) Ltd ST Engineering Electronics Ltd. ST Engineering Land Systems Ltd State Railway of Thailand Steconfer straddic sTraffic Strobus Far East Limited Sulzer Suning Sunrise Trading Co. Sunwave Communications **Sunwave Solutions** Supremetech Engineering Co Ltd Suzhou Doneka New Materials Corp. Ltd. Swiss Polymeric Corporation Ltd Syarlkat Prasarana Negara Berhad Sydney Trains Symbol Design C&CLtd Synergies Limited SynoCode Group Limited Syntegrate Systems Integrators (Asia) Ltd Systra T and R Test Equipment Ltd T.O.A. Corp T.O.A. Electronics



Tailyn Technologies Inc. Taipei Rapid Transit Corporation Taipei Smart City Project Management Office Talgo **Tallano Technologie Tamkang University TapToPay Limited** Technological and Higher Education Institute of Hong Kong Technologyrubik **Television Broadcasts Ltd** Teltronic Texelis Thales Thales (China) Enterprise Management Co., Ltd **Thales Australia Limited** Thales eSecurity Inc **Thales Global Services SAS Thales Solutions Asia** Thales Transport & Security (HK) Ltd **Thales Transportation Systems** The Chinese University of Hong Kong The Hong Kong And China Gas Company Ltd The Hong Kong of Social Service The Hong Kong Polytechnic University The Hongkong and Yaumati Ferry Co Ltd The Initium The Institution of Railway Signal Engineers The Knowledge Consultancy The Majestic Engineering The Office of the National Rail Safety Regulator The Storyteller The University of Hong Kong The University of Tokyo Tiong Seng Contractors (Pte) Ltd TMH International AG TMI TMW TOA ENGINEERING Tokyo Metro Company Ltd Tong Kee Construction and Engineering Toshiba Asia Pacific Pte Ltd **TRA Consulting** Track & Signal Magazine Track IQ **Tradeport Hong Kong Limited** Traffic Control Technology Co. Ltd. **Transformers & Rectifiers** Transit Link Pte Ltd Transport Design Consultancy Ltd Transport for NSW Transportation Technology Center, Inc.

Trapeze Group Trenolab TRIGO GROUP **TÜV Rheinland** TÜV SÜD **TVB** Television Broadcasts **TVBI Company Limited** UK Department for International Trade under production Itd Unex Unicom Unionpay International **Unipart Rail US Commercial Service** US Consulate Hong Kong V.D.S. Rail Variox Corporation Verzontal Builders. Inc. Vibratec Asia Pacific Vincent Asia Pacific Ltd Visti Vivotek Inc voestalpine Railway Systems VOICECYBER Wai On Services Limited Walter Kraus Gmbh Waste & Environmental Technologies Ltd. Waterfall Security Solutions Ltd Webasto Roof Systems China Ltd Welfare Electronic Component Welltek International ITS Inc WeMedia01(HK) Ltd. Western Tool and Mold Ltd. wikiroutes.info Willowglen (Malaysia) Sdn Bhd Wilson Acoustics Limited Wise Business Strategy Association WIWA Worldsensing WSP Wuhan Metro Xenix Xinhua News Agency Yeollim **YIFANG Digital** YSK2 Engineering and Construction Co Ltd YTL Rail Zhubo Design LTD. Zhuzhou CRRC Times Electric Co., Ltd. Zhuzhou Times New Material Co., Ltd Zibo Xinfukang Special Materials Co., Ltd.

& many more ...





Dr. Jacob Kam, Managing Director – Operations & Mainland Business, MTR Corporation



Juan F Alfonso, President, Light Rail Manila Corporation



Henry Foo, Deputy Group Director, Thomson-East Coast Line, Land Transport Authority



Peter Munro, Director of Operations, Metro Trains Melbourne



Jia-Chang Wu, Deputy Director General, Mass Rapid Transit Bureau, Kaohsiung City Government



Hung Kang Sung, Chief of Section, Bureau of High Speed Rail, Taiwan



Chua Chong Kheng, Deputy Chief Executive Officer, Land Transport Authority



Sue McCarrey, Chief Executive Officer, Office of the National Safety Regulator



Seng Tiok Poh, Director, Planning and Design, MRT Corp



Adi Lau, Operations Director, MTR Corporation



Dr Padet Praditphet, Director, Common Ticketing Office, Thailand Ministry of Transport



Jeffrey Sim Vee Ming, Head of Engineering, SBS Transit



Ryan Rojo, Head of Passenger Requirements and Assurance, Metro Trains Melbourne



Wilson Shao, General Manager, Beijing MTR Corporation



Erni Basri, Deputy Director, Railway and Building Area Infrastructure Railway, Indonesia Ministry of Transportation



Gary Lampard, Director of Network Integrity Assurance, Public Transport Victoria



Ever Diaz, Director of Asset Management, Keolis Commuter Services



BC Yen, President, Taipei Rapid Transit Corporation



Kuldeep Gharatya, Head of Engineering, MPD, Transport for London



Sanjay Kumar, Chief Engineer (Signal and Telecoms), Kolkata Metro Rail Corporation





Dr Samuel Chan, Group Director, Rail/Road Systems Engineering, Land Transport Authority



Yoke Kee Ang, Chief Operations Officer, Strategy and Transformation, Prasarana Malaysia



Tony Lee, Chief of Operations Engineering, MTR Corporation



Rishi Dutta, Chief Information Officer, Public Transport Victoria



Jaydeep Pawar, Chief Communication Engineer, Signalling and Telecoms, Indian Railways



Somsana Ratsaphong, Director General, Laos Railways



Michael Harrison, Vice President, Head of Rail Operations, Downtown Line MRT, SBS Transit



Hendrik Düringer, Head of Revenue Management, DB Fernverkehr



Russ Arnold, Chief Customer Experience Officer, **Sound Transit**



Andrew Mead, Chief Architect (ARBUK), MTR Corporation



Ouk Sota, Deputy Director, Cambodia Ministry of Public Works and Transport



Samantha Abeydeera, Deputy Executive Director, Train Crew, Sydney Trains



Dr. Somprasong Suttayamully, Director, Fare Media Office, Mass Rapid Transit Authority of Thailand



Naoto Kimura, Director, International Relations Department, **Tokyo Metro**



Gerald Schinagl, Director, Department Digital Innovation, **OBB**



Tonny Yeap, Director, Commercial Division, MyHSR Coropration



Annie Leung, General Manager, Customer Experience Development, MTR Corporation



Professor Nalinaksh Vyas, Chairman, Technology Mission, Indian Ministry of Railways



Dr Lee Chen-Yu, Director, Taipei Smart City Project Management Office



Pierre Messulam, Vice President and Greater Paris Project Director, SNCF Transilien

THE CONFERENCE











"The Learning never stops at the Asia Pacific Rail convention and listening to speakers from other rail systems is a plus. There is always something new to ponder."

- Josefino SANTIAGO, Senior Maintenance



















在本届盛会在为期两天的会议中,开展了铁路方面技术、管理、体验等 多个层面的主题互动,众多铁路业主、相关机构云集现场。

交控科技作为本届盛会的赞助商,借助展会的优质平台和资源成功的 对企业形象、技术和产品进行了展示,并在现场举行技术演讲,以上得 到现场观众一致好评。交控科技在Asia Pacific Rail的成功亮相,离不开 主办的精心安排和大力支持,在此感谢主办的优质资源和服务。

- Bai Wei, Business Development Engineer, International Department, TCT

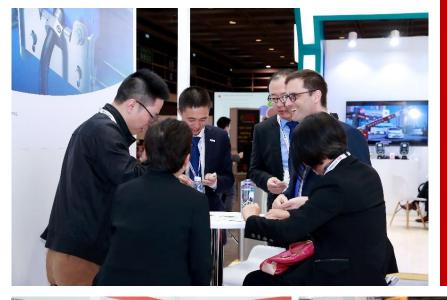


"2019 Asia Pacific Rail has been a great opportunity for UnionPay International to introduce transit solutions to the respective partners. We got the opportunity to understand more about the metro industry trends around here. Collaborations and partnerships via Asia Pacific Rail 2019 are very welcome."

- Jiangtao Jian, Assistant General Manager of Product Department, UnionPay International











"Asia Pacific Rail Expo provided unique forums and conferences to understand industry trends and markets, as well as facilitating dialogues with key personnel and associated stakeholders. It's been a great experience and I am looking forward to next year's expo"

- Marco GRAF, General Manager, voestalpine Railway Systems (Beijing) Co. Ltd.v















"The experience was very good. We are excited to be here. It is the first time we are present with our own booth and we are very sure that we are going to continue that."

- Sebastian Oertel, Managing Director, Faiveley Transport (a Wabtec Company)







"Asia Pacific Rail has become one of the reference events for us, and we have been attending for several years consecutively. APR brings together the main agents of the transport sector of APAC so, in addition to offering us the opportunity to meet with our main customers and partners in the area, interesting meetings and new business opportunities always arise"

- Felipe Sanjuán, Transport Business Development Director, Teltronic



EXHIBITION SEMINARS

Track Infrastructure & Project Management

Hear from 20+ track infrastructure and permanent ways experts as they share their best practices on key challenges such as permanent way maintenance, noise and vibrations. Plus dedicated lectures on construction project management, tunnelling & station design lead by leading project directors from rail authorities, operators and EPCs.

Latest Technologies

Discover the latest rail technologies and innovations deployed in metro, mainline and HSR systems across the world in our Latest Technologies seminar theatre. Leading rail solution partners will be sharing case studies of their latest product deployments and how they can help streamline operations.

HIGHLIGHTS HIGHLIGHTS voestalpine Safety Management System of Optimize track performance by Railway **TÜV Rheinland** trains, from daily maintenance system approach Systems to lifetime extension **BIM 4 FIELD: Benefits for linear** Success stories in the railway Huawei infrastructure construction Systra industry **Technologies** activities Promoting new efficient & The role of consultant in railway Amsted Rail environmentally friendly ways Arup delivery framework to move freight Faivelev Faiveley Transport Metroflexx: Predicting fault of mechanical Transport (a **Seoul Metro** versatile brake control system facility using ICT (SAMBA) Wabtec for modern metros Company) Trackside measures to reduce Rail & Smart City: Enabling a Schrey & Veit Thales passengers and drives noise smart intermodal future impact How secure is your rail infrastructure? **UnionPay Innovative** UnionPay Abloy Oy Combining security, safety and **Technology and Products** International effectivity in railway access





EXHIBITION SEMINARS

North Asia Rail Innovations

Get updated on the latest innovations and best practices from rail experts in North Asia, who will be addressing key topics on condition monitoring, maintenance, rail technology advancement and more. For the first time ever, sessions will be conducted in Mandarin and hosted by Hong Kong Polytechnic University.

Safety, Reliability, and **Disruption Management**

Put safety first as you enjoy the latest research findings by Hong Kong City University on safety, reliability, and disruption management in high speed rail and metro systems.

HIGHLIGHTS		HIGHLIGHTS	
National Taiwan University	The application of diving recorder to rail track condition monitoring	City University of Hong Kong	Opportunities and challenges of Al for system reliability and predictive maintenance
The Hong Kong Polytechnic University	Online wayside wheel defect detection for in-service trains	City University of Hong Kong	Counting and tracking crowds in surveillance videos
Southwest Jiaotong University	Vehicle electric traction system	City University of Hong Kong	Smart urban rail transportation in Big Data environment
Tongji University	Development and Application of China's Maglev Transportation	City University of Hong Kong	Railway component detection using deep learning methods
China SWJTU Railway Development Co	Real-time monitoring of track switches damage	City University of Hong Kong	High-speed rail suspension system health monitoring using multi-location vibration data
Beijing Jiaotong	Research and application of high performance bainitic rail		



University

performance bainitic rail



"Plenty to see at the exhibition in terms of suppliers and service providers. Good range of stream presentations and networking opportunities. Really enjoyed the pre conference tour on the Monday.

- Mark Miller, Director Strategic Rail Operations, Rail Projects Victoria Australia



As the key rail platform for the Asia Pacific's rail industry, numerous networking opportunities were curated for attendees to network before and during the event. Using our networking app, over 490 meetings were prearranged and conducted at the Networking Zone

"We had a great experience at Asia Pacific Rail 2019 where we were a Platinum Sponsor. It is a great platform where we actually interact and meet with our clients, customers and its an excellent social networking platform."

- Jayaram Naidu, Vice President of Southeast Asia, Bombardier Transportation

Networking luncheons, refreshments and evening cocktails also provided great opportunities for attendees to enjoy great food and great company.







"Able to meet with related and important people in the event." - Alan Chung of T.O.A. Corp

For top-tier sponsors, facilitated introductions by a dedicated Networking Manager enabled them to meet with their wishlist of potential customers.





The 26-km long **Hong Kong** Section of the Guangzhou-Shenzhen-Hong Kong Express Rail Link (XRL) runs from West Kowloon in Kowloon, to the boundary between Hong Kong and Shenzhen in the Mainland.

Ahead of the main conference and exhibition on 18th march, Asia Pacific Rail participants were given a tour and preview of MTR Site Visit for Operations Control Centre (OCC) and the High Speed Rail Hong Kong West Kowloon Station (WEK Station) at the Shek Kong Stabling Sidings (SSS).









53,800+ WEB SESSIONS



94,000+ FACEBOOK IMPRESSIONS





99,000+ TWITTER IMPRESSIONS





1,591,000+ DIGITAL ADVERTS IMPRESSIONS



8000+ LINKEDIN IMPRESSIONS



69,000+ THIRD-PARTY EMAILS

Asia Pacific Rail took on an extensive marketing campaign including a mix of digital marketing, partnerships with relevant associations or media partners, telemarketing, digital and social media marketing 2019 SPEAKERS



BROCHURES ►

Conference brochures featuring full event details were sent through email campaigns, digital channels and third-party marketing reaching over 180,000 people in Asia and beyond.







(E) MARKETING

FACEBOOK

Facebook marketing was done over 5 months leading up to the event. Information featured include event details, promotions, speakers' details and industry news. The page was also promoted to relevant audience through segmented interest groups, lookalike campaigns and a database audience.

TWITTER **V**

ng out! World class railway suppliers exhibiting their

3 MORE DAYS TO #ASIAPACIFICRAIL

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KONE to modernize

elevators at 14 stations of

Hong Kong's Mass Transit

KONE, a slobal leader in the elevator and escalator

14 metro stations of the MTP (Mass Transit System)

system in Hong Kong, China. The MTR system includes

kday patronage of about 5.8 million passerwers.

93 stations and 68 light rail stops and has an average

Industry, has won an order to modernize the elevators at

oducts and solutions only at yl We'll be here until 4.30PM

Key event information and industry news were tweeted frequently, and we extended outreach through promoted tweets.

ING AT

Asia Pacific Rail 26 February · 🥥 Registration to #AsiaPacificRail 2019 Expo is now open! C

#FREE Expo pass now and unlock your access to 60+ free Track Infrastructure, Project Management, North Asian Ra_



Discover how the Klang Valley Project tap into cutting edge #technologie and #digitalisation in transforming their #projectabilities with Seng Tiok Poh, Director, Planning and Design, MRT Corp, Malaysia at Asia Pacific Rail 2019 at the #DigitalRail Track on 19-20 March 2019 in Hong Kong, Find out more at http://bit.ly/2zr8J5Z. #AsiaPacificRail

GET YOUR FREE EXPO PASS



REMARKETING **V**

Remarketing advertisements took place over the 5 months leading up to the event, where event details was marketed to the most relevant



NOKIA VISIT US AT BOOTH E25

FEATURED EXHIBITOR

Cyber security for railways

The consequences of a successful major cyber-attack on a nation's rail infrastructure could be catastrophic. A metro transport system brought to a standstill for even a short period would cause city-wide havoc, damaging the local economy, harming the metro operator's bottom line, and making passengers doubtful about the future safety and reliability of transport services. Worse, a successful attack on ...

BLOG

A blog containing industry and event news was set up and articles were posted regularly to generate industry interest.

KONE will supply 26 KONE ...

Railway



THIRD PARTY MARKETING V

The event was endorsed by local - 香港根路工會聯合會 Consolid to Deploy and international associations railgisup and media partners. Business Chief CEP BBRAIL 中国学车 Global asmag Coperative Gobalia Raiway d_infocom Onboard 高速铁路与轨道交通 ospt URBAN RAILWAYS **Rail Professional** 今日 轨道交通 RALWAYPRO NEWS

EXTERNAL EMAILS **V**

External emails featuring event details and special promotions for partners were sent out to over 153,000 people in the rail community.



Newspaper mentions

In addition to event listings and banners were placed on partners' websites, newsletter emails and other channels, the event was covered by major news portals.

ONSITE MARKETING▼

Banners and billboards were placed at strategic locations within HKCEC:





新华网



XINHUANET

Wednesday, A

HALL 3FG

Asia Pacific Rail conference opens in Hong Kong sharing industry information worldwide

ource: Xinhua | 2019-03-19 17:49:49 | Editor: Vurou

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HONG KONG, March 19 (Xinhua) – Asia Pacific Rail conference 2019 opened here on Tuesday with over 2,000 attendees including rail experts and operators from all over the world to share views on railway system operations.

Organized by Terrapinn Pte Ltd, a global events company, the two-day conference aims to address key challenges and opportunities in both mainline and metro that are key to building a smart, efficient and sustainable railway system in the Asia Pacific.

Speaking at the keynote panel session, Jacob Kam, Managing Director (Operations and Mainland Business) of Hong Kong's Mass Transit Railway (MTR) Corporation, said that to further increase the passenger capacity, they tried to run more services such as releasing empty trains to clear the platform, and upgrading the signaling system.



• WEBSITE LAUNCH • EMAILS TO ACQUIRE SPONSORS & EXHIBITORS	 SPONSOR ACQUISITION EMAILS SENT TO 8,117 CONTACTS WEB SESSIONS: 1,407 ORGANIC TWEET: 3,010 IMPRESSION
 COMMENCEMENT OF MEDIA PARTNERS AND ASSOCIATIONS ACQUISITION EMAILS TO ACQUIRE SPONSORS AND EXHIBITORS 	 SPONSOR ACQUISITION EMAILS SENT TO 15,936 CONTACTS WEB SESSIONS: 1,002 ORGANIC TWEET: 1,529 IMPRESSION
 EMAILS TO ACQUIRE SPONSORS AND EXHIBITORS PARTNERS ACQUISITION DATA BUILDING 	 WEB SESSIONS: 850 SPONSOR ACQUISITION EMAILS SENT TO 15,523 CONTACTS ORGANIC TWEET: 2,031 IMPRESSION
 EMAILS TO ACQUIRE SPONSORS AND EXHIBITORS PARTNERS ACQUISITION DATA BUILDING 	 SPONSOR ACQUISITION EMAILS SENT TO 23,236 CONTACTS WEB SESSIONS: 1,114 ORGANIC TWEET: 2,154 IMPRESSIONS
 DATA BUILDING EMAILS FOR DELEGATE ACQUISITION EMAILS TO ACQUIRE SPONSORS AND EXHIBITORS CONTINUES SPARK SOMETHING CAMPAIGN TO RECRUIT SPEAKERS GOOGLE SEARCH CAMPAIGN SOCIAL MEDIA POSTS ON EVENT UPDATES, SPEAKERS INVOLVEMENT 	 SPONSOR ACQUISITION EMAILS SENT TO 20,0 33 CONTACTS SPEAKER ACQUISITION EMAILS SENT TO 5,573 DELEGATE ACQUISITION EMAILS SENT TO 123,559 CONTACTS WEB SESSIONS: 1,674 GOOGLE SEARCH CAMPAIGN: 924 IMPRESSIONS ORGANIC TWEET: 2,376

IMPRESSIONS

SEP	 EMAILS FOR DELEGATE ACQUISITION CONTINUES EMAILS TO ACQUIRE SPONSORS AND EXHIBITORS CONTINUES SPARK SOMETHING CAMPAIGN TO RECRUIT SPEAKERS CONTINUES GOOGLE SEARCH CAMPAIGN CONTINUES SOCIAL MEDIA POSTS ON EVENT UPDATES, SPEAKERS INVOLVEMENT EMAILS BY EXTERNAL PARTNERS 	 SPONSOR ACQUISITION EMAILS SENT TO 29,383 CONTACTS DELEGATE ACQUISITION EMAILS SENT TO 201,819 CONTACTS SPEAKER ACQUISITION EMAILS SENT TO 2,778 WEB SESSIONS: 2,538 GOOGLE SEARCH CAMPAIGN: 53,931 IMPRESSIONS ORGANIC TWEET: 8,427 IMPRESSIONS 3RD PARTY SENT TO 58,754 CONTACTS
00T	 EMAILS FOR DELEGATE ACQUISITION CONTINUES EMAILS TO ACQUIRE SPONSORS AND EXHIBITORS CONTINUES SOCIAL MEDIA POSTS ON EVENT UPDATES, SPEAKERS INVOLVEMENT 	 SPONSOR ACQUISITION EMAILS SENT TO 17,939 CONTACTS DELEGATE ACQUISITION EMAILS SENT TO 100,710 CONTACTS WEB SESSIONS: 2,165 ORGANIC TWEET: 14,000 IMPRESSIONS
NON	 EMAILS FOR DELEGATE ACQUISITION CONTINUES EMAILS TO ACQUIRE SPONSORS AND EXHIBITORS CONTINUES ADWORDS RE-MARKETING FACEBOOK RE-MARKETING LINKEDIN CAMPAIGN SOCIAL MEDIA UPDATES 	 SPONSOR ACQUISITION EMAILS SENT TO 42,094 CONTACTS DELEGATE ACQUISITION EMAILS SENT TO 17,945 CONTACTS WEB SESSIONS: 4,748 ADWORDS REMARKETING: 196,716 IMPRESSIONS FACEBOOK RE-MARKETING: 62,055 IMPRESSIONS LINKEDIN CAMPAIGN: 6,433 IMPRESSIONS ORGANIC TWEET: 10,000 IMPRESSIONS
DEC	 EMAILS FOR DELEGATE ACQUISITION CONTINUES EMAILS TO ACQUIRE SPONSORS AND EXHIBITORS CONTINUES ADWORDS RE-MARKETING EMAILS BY EXTERNAL PARTNERS SOCIAL MEDIA UPDATES 	 SPONSOR ACQUISITION EMAILS SENT TO 52,881 CONTACTS DELEGATE ACQUISITION EMAILS SENT TO 124,807 CONTACTS WEB SESSIONS: 3,840 ADWORDS REMARKETING: 156,277 IMPRESSIONS LINKEDIN CAMPAIGN: 973 IMPRESSIONS ORGANIC TWEET: 9,776 IMPRESSIONS

- EMAILS FOR DELEGATE ACQUISITION CONTINUES
- ADWORDS RE-MARKETINGEMAILS FOR DELEGATE ACQUISITION CONTINUES
- ADWORDS RE-MARKETING
- EMAILS BY EXTERNAL PARTNERS
- SOCIAL MEDIA UPDATES
- PRINT AD IN MAGAZINE

- SPONSOR ACQUISITION EMAILS SENT TO 17,685 CONTACTS
- DELEGATE ACQUISITION EMAILS SENT TO 90,540 CONTACTS
- ADWORDS RE-MARKETING: 215,153 IMPRESSIONS
- WEB SESSIONS: 7,917
- ADVERT IN MAGAZINE (CIRCULATION 11,000)
- 3RD PARTY SENT TO 11,000 CONTACTS
- ORGANIC TWEET: 11,000
 IMPRESSIONS

- START OF CAMPAIGN TO ACQUIRE VISITORS
- EMAILS FOR DELEGATE ACQUISITION CONTINUES
- FACEBOOK RE-MARKETING
- BOOSTED FACEBOOK POST
- ADWORDS RE-MARKETING
- EMAILS BY EXTERNAL PARTNERS
- SOCIAL MEDIA UPDATES
- PRINT AD IN MAGAZINE
- LINKEDIN CAMPAIGN

- SPONSOR ACQUISITION EMAILS SENT TO 14,182 CONTACTS
- DELEGATE ACQUISITION EMAILS SENT TO 88,219 CONTACTS
- VISITOR ACQUISITION EMAILS SENT TO 84,189 CONTACTS
- ADWORDS RE-MARKETING: 320,416 IMPRESSIONS
- FACEBOOK RE-MARKETING: 16,733 IMPRESSIONS
- FACEBOOK BOOSTED POST: 1754 IMPRESSIONS
- 3RD PARTY SENT TO 50,612 CONTACTS
- LINKEDIN CAMPAIGN: 353
 IMPRESSIONS
- WEB SESSIONS: 11,561
- ADVERT IN MAGAZINE (CIRCULATION 11,000)
- ORGANIC TWEET: 5,522
 IMPRESSIONS

EB

- EMAILS FOR DELEGATE ACQUISITION CONTINUES
- ADWORDS RE-MARKETINGEMAILS FOR DELEGATE ACQUISITION CONTINUES
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MAIN CAMPAIGN TO ACQUIRE VISITORS CONTINUES

- EMAILS FOR DELEGATE ACQUISITION
 CONTINUES
- FACEBOOK RE-MARKETING
- ADWORDS RE-MARKETING
- EMAILS BY EXTERNAL PARTNERS
- PRINT AD IN MAGAZINE
- LINKEDIN CAMPAIGN
- SOCIAL MEDIA UPDATES

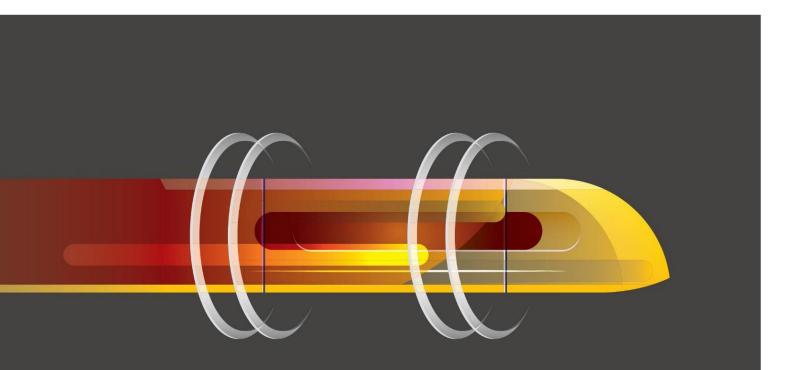
- WEB SESSIONS: 15,784
- ADWORDS RE-MARKETING: 648,429 IMPRESSIONS
- SPEX ACQUISITION EMAILS SENT TO 33,830 CONTACTS
- DELEGATE ACQUISITION EMAILS SENT TO 241,788 CONTACTS
- VISITOR ACQUISITION EMAILS SENT TO 727,137 CONTACTS
- ADVERT IN MAGAZINE
 (CIRCULATION 11,000)
- FACEBOOK RE-MARKETING: 15,433 IMPRESSIONS
- 3RD PARTY SENT TO 7,930 CONTACTS
- LINKEDIN CAMPAIGN: 269
 IMPRESSIONS
- TWITTER PROMOTED TWEETS: 29,600 IMPRESSIONS
- ORGANIC TWEET: 29,200
 IMPRESSIONS

MAR



11 - 12 March 2020

Hong Kong Convention & Exhibition Centre Hong Kong



The future of rail in Asia

GET INVOLVED!

For sponsorship & exhibition opportunities: **Bastiaan** at +65 6322 2726 or **bastiaan.heijden@terrapinn.com Benny at +65 9382 3216 or benny.liu@terrapinn.com** For speaking, partnership & attending opportunities: **Parveen** at +65 9015 3987 or **parveen.sekhon@terrapinn.com**



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