

RAILLIVE!

CONFERENCE AGENDA 2022

DIGITISATION, SUSTAINABILITY & LIBERALISATION

THE RIGHT TRACK FOR A ZERO CARBON FUTURE

FULLY IN PERSON - MALAGA, SPAIN

29TH NOVEMBER – 1ST DECEMBER 2022

Organised by

SPARK SOMETHING
TERRAPINN

In Partnership with

MAFEX

Collaborating Entities

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FUNDACIÓN de los
FERROCARRILES
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PTFE
Plataforma Tecnológica Feroviaria Española

A
Junta de Andalucía
Consejería de Fomento, Infraestructuras
y Ordenación del Territorio

**Ayuntamiento
de Málaga**

**metro
Málaga**

Supporting Entities

European Rail
Infrastructure
Managers **EIM**

in-move
by Railgroup

Shift2Rail

unife
THE EUROPEAN RAIL INDUSTRY

RIH
Railway Innovation Hub

Alamys
Asociación Latinoamericana de
Metros y Subterráneos

FOCUS AREAS INCLUDE:

ENERGY TRANSITION
DIGITAL TWINS
DATA ANALYTICS & AI
ASSET MANAGEMENT
SMART MOBILITY
PROJECT FINANCING & FUNDING

MEGA PROJECTS
FREIGHT INNOVATION
CYBER SECURITY
SECURITY & SAFETY
FRMCS
GNSS

ERTMS
ATO
5G
ACCESSIBILITY

CONFIRMED SPEAKERS INCLUDE:

MARIA LUISA DOMINGUEZ, PRESIDENT, **ADIF**
ISAÍAS TÁBOAS, PRESIDENT, **RENFE**
VINAY KUMAR SINGH, MD, **NCRTC DELHI**
HERBERT HUI, FINANCE DIRECTOR, **MTR HONG KONG**
KAROLIS SANKOVSKI, CEO, **LTG INFRA**
MIKOŁAJ WILD, CEO, **SOLIDARITY TRANSPORT HUB**
DIRK BECKERS, DIRECTOR, **CINEA**
CARLO BORGHINI, EXECUTIVE DIRECTOR, **EUROPE RAIL**
PHILIPPE CITROEN, DIRECTOR GENERAL, **UNIFE**
MANEL VILLALANTE, GENERAL MANAGER STRATEGY & DEVELOPMENT, **RENFE**
KEIR FITCH, HEAD OF UNIT, RAIL SAFETY AND INTEROPERABILITY, **DG MOVE**
ANDREW MCNAUGHTON, CHAIRMAN, **NETWORK RAIL HIGH SPEED**
FERNANDO LOZANO RUIZ, DIRECTOR GENERAL, **METRO DE MÁLAGA**
NALINAKSH VYAS, HEAD OF TECHNOLOGY MISSION, **INDIAN RAILWAYS**
LUCIE ALDERTON, HEAD OF SUSTAINABILITY, **UIC**
FABRICE MORENON, MANAGING DIRECTOR, **SNCF HUBS & CONNEXIONS**
ALEXANDER OCHS, GENERAL DIRECTOR, **KOMBIVERKEHR**
JÖRN SCHWARZE, MEMBER OF THE BOARD, **KVB**
MARCO GALLINI, HEAD OF THE MOBILE DIAGNOSTICS AND MAINTENANCE VEHICLES DEPARTMENT, **RFI**
CYRIL VERDUN, HEAD MANAGER OF RAILWAY ROLLING STOCK MAINTENANCE ENGINEERING, **SNCF**
STEFAN LEISTNER, HEAD OF ANALYTICS & ASSET MANAGEMENT, **DB NETZ**
THOMAS KRITZER, DIVISION TRAMWAY OPERATION | HEAD, **WIENER LINIEN**
SERGIO BÁRCENA, DIRECTOR OF OPERATIONS PLANNING AND MAINTENANCE, **OUIGO SPAIN**
JULIO GOMEZ POMAR, PRESIDENT, **ECORAIL**
LINDA MARIE VENBAKKEN, CFO, **NORSE TOG**
BASELIYOS JACOB, TECHNICAL PROJECT LEAD ATO BETUWERROUTE, **DB CARGO**
MANUEL ALARCON, HEAD OF FREIGHT PROJECTS, **EUROPE'S RAIL**
PABLO OTAOLA UBIETA, COORDINADOR GENERAL DE INFRAESTRUCTURAS Y PROYECTOS,
AYUNTAMIENTO DE MÁLAGA
KAREL VAN GILS, DIRECTOR INNOVATION & TECHNOLOGY, **PRORAIL**
VALENTIN BARREAU, PROJECT MANAGER FOR TECH4RAIL LOCALISATION, **SNCF**
MARC VALLETE, DIRECTOR OF INNOVATION & CONTINUOUS IMPROVEMENT, **CFL**
CARL FREDRIK KARLSEN, COMMERCIAL DIRECTOR, **CARGO NET**
ANJA-MARIA SONNTAG, HEAD OF DEVELOPMENT & ASSET MANAGEMENT, **SBB CARGO**
THOMAS GUGLER, TECHNOLOGY PROGRAMME MANAGER, **SBB**
DANIEL ECKENSTEIN, LEAD SYSTEMS ENGINEER, **SBB INFRASTRUCTURE**
DANIEL FORSMANN, HEAD OF FUNDAMENTALS FOR LARGE PROJECT MANAGEMENT, **DB NETZ**
TOBIAS FISCHER, HEAD OF TECHNOLOGY AT TECLAB, **DEUTSCHE BAHN**

PIETER VERLINDEN, HEAD OF ANALYTICS, **INFRABEL**
ESME KAHLSHOVEN, PROGRAM MANAGER, **ERTMS, NS**
CHRISTOPH GONÇALVES ALPOIM, HEAD OF DIGITAL S-BAHN HAMBURG, **DEUTSCHE BAHN**
SVEN SCHIRMER, CORPORATE PROCUREMENT COORDINATOR, **OBB**
CARSTEN WIEBERS GLOBAL HEAD AVIATION, MOBILITY & TRANSPORT **KFW IPEX-BANK**
PIERRE TANE, HEAD OF DIGITAL ARCHITECTURE, **UIC**
GREGOR FLEISCHMANN, BIM OFFICE, **ÖBB**
EMANUELE BIANCO, PROGRAMME OFFICER, GREEN HYDROGEN, **INTERNATIONAL RENEWABLE ENERGY AGENCY**
ANGELA DI FEBBRARO, PROFESSOR OF TRANSPORTATION ENGINEERING, **UNIVERSITY OF GENOA & CHAIR SCIENTIFIC COMMITTEE, EUROPE RAIL**
DANIEL LOPOUR, MARKET DEVELOPMENT OFFICER, **EUROPEAN UNION AGENCY FOR THE SPACE PROGRAMME**
THOMAS CHATALET ERTMS AND TELEMATICS UNIT PROJECT OFFICER **ERA**
CHRISTIAN SCHLEHUBER, CONVENOR TC 9X/WG 26, **CENELEC**
JAYNE YEO, PROJECT OFFICER, **ERA**
JAMES NATTRASS, DIRECTOR OF INCIDENT MANAGEMENT AND OPERATIONAL SECURITY, **NETWORK RAIL**
LAURA TORDERA, PRESIDENT, **RAILWAY INNOVATION HUB**
CARLOS ZORITA PÉREZ, RESPONSABLE DEL SERVICIO DE INFRAESTRUCTURAS Y ESTACIONES, **METRO DE MADRID**
MICHAEL RÜFFER, CHIEF TECHNICAL OFFICER, **VGF**
AMIR LEVINTAL, CEO, **CYLUS**
CARLOS MARTÍNEZ, DIRECTOR GERENTE, **PTEC**
JOSE CORDOVILLA, DIRECTOR FOR INFRASTRUCTURE STRATEGIC CONSULTING, **TYPSA**
JULIO CABALLERO SÁNCHEZ, DIRECTOR GENERAL, **AGENCIA DE OBRA PUBLICA DE ANDALUCÍA**
LEANNE REDDEN, EXECUTIVE DIRECTOR, **RTA CHICAGO**
DARREN KETTLE, CEO, **METROLINK**
MIKOŁAJ WILD, CEO, **SOLIDARITY TRANSPORT HUB**
SEBASTIAN COURT, SENIOR DIRECTOR FOR CORPORATE PLANNING AND DEVELOPMENT, **METRO DE SANTIAGO**
SANDRA MILENA DEL PILAR RUEDA OCHOA, JEFA DE OFICINA DE PLANEACIÓN, **INSTITUTO DE DESARROLLO URBANO**
HOANG NGOC TUAN, DEPUTY DIRECTOR OF PREPARATION & INVESTMENT UNIT, **MANAGEMENT AUTHORITY FOR URBAN RAILWAYS (MAUR)**
CESAR CHAVEZ, UNDERSECRETARY FOR RAILWAYS, DEPARTMENT FOR TRANSPORT, **GOVERNMENT OF THE PHILIPPINES**

NOVEMBER 29TH

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10:00	Welcome Networking Coffee					
	METRO / LIGHT RAIL	DIGITAL	CYBER SECURITY	SMART MOBILITY & HUBS	FREIGHT	PROJECT FINANCING
	DIGITAL TRANSFORMATION	DIGITAL TWINS	DIGITAL SECURITY	INTEGRATED MOBILITY	SHIFT TO FREIGHT	FUNDING MODELS
		Chaired by: Jacques Khoury,	Chaired by: Christian Schlehuber , Convenor TC 9X/WG 26, CENELEC	Chaired by: Lluís Sanvicens , Independent Mobility Consultant	Chaired by: Juergen Maier , Founder, Mobility Advisors	
10:30	<p>Tranvía Zaragoza: The way to autonomous driving and full digitization</p> <p>Ana Moreno, Managing Director, Tranvias de Zaragoza (Confirmed)</p>	<p>Exploring the possibilities of digital twin technology for rail: the potential of linked models and standards</p> <p>Pierre Tane, Head of Digital Architecture, UIC (Confirmed)</p>	<p>Zero trust in railway cybersecurity</p> <p>Dimitri van Zantvliet, CISO, NS (Confirmed)</p>	<p>Highlighting the critical role connectivity will play in promoting mobility</p> <p>Pablo Otaola Ubieta, Coordinador General de Infraestructuras y Proyectos, Ayuntamiento de Málaga (confirmed)</p>	<p>Sharing the Norwegian case study: Developing new rail freight networks for relevant markets in Norway</p> <p>Carl Fredrik Karlsen, Commercial Director, Cargo Net (Confirmed)</p>	<p>What role does the EIB play in the funding of rail?</p> <p>Alex Saz Carraza, Senior Loan Officer Public Sector - Spain, European Investment Bank (Confirmed)</p>
10:50	Reserved for a Sponsor	<p>Functional safety certification for railway applications</p> <p>Dania Abdulwahab, Business Development Manager, Vector Informatik (Confirmed)</p>	<p>Case Study: Protecting One Of Europe's Largest National Rail Infrastructures</p> <p>Israel Baron, VP Customer Relations, Cervello (Confirmed)</p>	<p>The power of data in the mobility sector</p> <p>Karolina Korth, Chief Digital Officer & Head of Strategy for South-West Europe, Siemens Mobility (Confirmed)</p> <p>Enrique Torres, Sales Director, Siemens Mobility (Confirmed)</p>	Reserved for a Sponsor	<p>Rail liberalisation in Spain: challenges, opportunities and next steps</p> <p>Guillermo Castrillo, Business Development Director, iryo (Confirmed)</p>
11:10	<p>How are passengers transforming Cologne's urban rail system</p> <p>Jörn Schwarze, Member of the Board, KVB (confirmed)</p>	<p>Sharing ÖBB experience of applying BIM technology on our numerous projects</p> <p>Gregor Fleischmann, BIM Office, ÖBB (Confirmed)</p>	<p>Whole-life cycle cyber security in the rail sector – challenges and opportunities</p> <p>Richard Thomas, UKRRIN Industrial Fellow in Data Integration and Cyber Security, University of Birmingham (Confirmed)</p>	<p>How Renfe's TrenLab is accelerating the pace of innovation for the next generation railway</p> <p>Pilar Gorriz, Head of Innovation, Renfe (Confirmed)</p>	<p>Implementing a rolling highway in Spain, optimising on Rail's benefits to create new business solutions for rail freight transition</p> <p>Julio Gomez Pomar, President, Ecorail (Confirmed)</p>	<p>To what extent are climate obligations reshaping how rail projects are financed?</p> <p>Susan Goeranson, Director, Head of Infrastructure Europe, EBRD (Confirmed)</p>
11:30	<p>Why Visual Intelligence (VQ) is the safe, sustainable, and cost-saving future of the digital transformation of rail operators</p> <p>Linda Wade, Co-Founder and CEO, Spinview</p>	<p>Changing the status quo of rail projects with digital twin technology</p> <p>Schneider Electric Speaker (Confirmed)</p>	<p>Bridging the Gap Between Cybersecurity and Rail Operations: Lessons from Rail Companies in Europe</p> <p>Amir Levintal, CEO, Cylus (Confirmed)</p>	<p>How to capture the full potential of sustainable rail use thanks to active modes of travel</p> <p>Evelyn De Wachter, Researcher, Transport & Mobility Leuven (Confirmed)</p>	<p>Towards a decarbonisation strategy for the transport sector. Stadler's new generation of locomotives to meet the challenges of rail freight transport in Europe</p> <p>Senior Speaker, Stadler (confirmed)</p>	Reserved for a sponsor
11:50	<p>Digital transformation cannot be achieved without creating an employee-led digital culture</p> <p>Alex Barron, Head of Metro Benchmarking, Imperial College London (confirmed)</p>	<p>Panel: Opportunities for BIM solutions in the rail industry: sharing insights, experiences and projects</p>	<p>Panel: How the railway sector can collaborate to strengthen its cybersecurity: From new standards to ISACs</p> <ul style="list-style-type: none"> - How can operators, infrastructure managers, governments, and 	<p>How to shape a train station into a smart TOD</p> <p>Fabrice Morenon, Managing Director, SNCF Hubs & Connexions (Confirmed)</p>	<p>Developing new business opportunities with a focus on multimodal solutions</p> <p>Ernst Kemmerer, Head of Western European Transports, Kombiverkehr (Confirmed)</p>	<p>Leveraging rail operators assets to fund projects</p> <p>David Pang, Treasurer, MTR Corporation Limited</p>

12:10	<p>Creating an automated approach to optimize a suburban Paris line's traffic flow in real time</p> <p>Hugo Meunier, PhD for NEXTEO Project, SNCF Reseau (Confirmed)</p>	<p>Modera: Juan Carlos Cortés Rengel, Vicepresidente, Railway Innovation Hub RIH (Confirmed)</p> <p>Jorge Torrico, Subdirector BIM, INECO (Confirmed)</p> <p>José María Rivera Zafra, Director de Infraestructuras, AOPJA (Confirmed)</p> <p>Javier Lozano, Responsable de la implementación BIM, Adif (Confirmed)</p> <p>Fernando Valero, Co-líder iniciativa RIH LE "BIM Ferroviario", Railway Innovation HubMar (Confirmed)</p>	<p>agencies collaborate to ensure strong cybersecurity?</p> <ul style="list-style-type: none"> - Discussing regulatory measures being implemented now and in the near future - What current structures does the railway industry have to cooperate and how can these improve? <p>Moderated by: Christian Schlehuber, Convenor TC 9X/WG 26, CENELEC (Confirmed)</p> <p>Panellists include: Thomas Chatalet ERTMS and Telematics Unit Project Officer ERA (Confirmed)</p> <p>Marta Garcia, Technical Affairs Manager, UNIFE (Confirmed)</p> <p>Serge Benoliel, Secretary, CENELEC (Confirmed)</p> <p>Dimitri van Zantvliet, CISO, NS (Confirmed)</p>	<p>Train + Bike - a new modality for more sustainable travel</p> <p>Henk Swarttouw, President, European Cyclists' Federation (Confirmed)</p>	<p>Creating the conditions for Rail Freight to double by 2030</p> <p>Manuel Alarcon, Head of Freight Projects, Europe's Rail (Confirmed)</p>	<p>Alternative funding models: a Norwegian case-study</p> <p>Linda Marie Venbakken, CFO, Norse tog (confirmed)</p>
12:30	NETWORKING LUNCH					
	METRO / LIGHT RAIL SUSTAINABILITY	DIGITAL EMERGING TECHNOLOGIES	SAFETY & SECURITY NETWORK SAFETY	SMART MOBILITY & HUBS MOBILITY HUBS	FREIGHT SMART FREIGHT SOLUTIONS	PROJECT FINANCING FINANCIAL INNOVATION
	Chaired by: Hans Cruse , Director, Spårvagnsstäderna	Chaired by: Jacques Khoury ,	Chaired by: Jayne Yeo , Project Officer, ERA	Chaired by: Lluís Sanvicens , Independent Mobility Consultant	Chaired by: Juergen Maier , Founder, Mobility Advisors	
13:30	<p>Next network extensions in Málaga – a huge step in urban sustainability</p> <p>Fernando Lozano Ruiz Director General Metro de Málaga (Confirmed)</p>	<p>Exploring the wholistic benefits BIM brings to design process</p> <p>Lea Loucas, BIM Manager and Head of a BIM and 2D Synthesis Unit, SNCF Reseau (Confirmed)</p>	<p>Debunking myths of automation: How can we ensure safety of our constantly digitizing railways</p> <p>Jayne Yeo, Project Officer, ERA (Confirmed)</p>	<p>Digital challenges for a Sustainable Mobility: IN-MOVE by Railgrup Associated Companies</p> <p>Iván Blanco, Railway Market Manager, Trafag España</p> <p>Modelos de Demanda para la Planificación Ferroviaria</p> <p>Ignacio Galindo, Director Servicios Profesionales, PTV GROUP Iberia</p>	<p>Developing Digital Automatic Coupling solutions for freight operations: Developments and opportunities for the rail freight market</p> <p>Anja-Maria Sonntag, Head of Development & Asset Management, SBB Cargo (Confirmed)</p>	<p>A 'no brainer' or a 'challenge'? green financing of rolling stock</p> <p>Christoph Pasternak, Sector Head Rail & Bus, BayernLB (confirmed)</p>
13:50	Reserved for Alstom	<p>Built to Last: Smart Health Monitoring</p>	<p>Rail IT/OT Convergence and Network Protection Use Case</p>		<p>Enabling green transport by allowing all types of semi-trailers to use rail</p>	<p>How is AIB funding rail projects?</p> <p>Francisco-José Fortuny Carod, Senior Investment Operations</p>

		Ana Millán , Innovation and Technology Manager, Thales (Confirmed)	Carla Trevino , Solution Architect - Connected Transport, Irdeto (Confirmed)		Tim Krasowka , Managing Director, CargoBeamer intermodal operations GmbH	Specialist, Asian Infrastructure Investment Bank
14:10	Vienna's network expansion & additional transportation systems to support urban climate change adaptations Thomas Kritzer , Division Tramway operation Head, Wiener Linien (Confirmed)	Transforming our projects with BIM@DB Netz Daniel Forsmann , Head of Fundamentals for Large Project Management, DB Netz AG (Confirmed)	Updating our solutions for level crossing safety with greater technological innovation Francisco Cabrera Jerónimo , Process and digitization expert, Technical Directorate, ADIF		Applying IoT and telematics data to optimise real time information & tracking at CFL Multimodal Marc Vallete , Director of innovation & Continuous Improvement, CFL (Confirmed)	Financing models for zero emission rail vehicles and related infrastructure Carsten Wiebers Global Head Aviation, Mobility & Transport KfW IPEX-Bank (confirmed)
14:30	Digital Asset Management for light rail: beyond the normal Uwe Jasnoch , Director EMEA Government Transportation, Hexagon (Confirmed)	Constant Connectivity: The power of mobile broadband satellite solutions in cargo rail Scott Congdon , Market Development & Partnership Management, Intelsat (Confirmed)	How to prioritize prevention to ensure rail safety and security in all circumstances James Nattrass , Director of Incident Management and Operational Security, Network Rail (Confirmed)	La estación del futuro Modera: Laura Tordera , President, Railway Innovation Hub (Confirmed) Carlos Martínez , Director Gerente, PTEC (Confirmed)	Panel: Driving forward innovation and transformation in Rail Freight Marc Vallete , Director of innovation & Continuous Improvement, CFL (Confirmed) Margus Oun , Head of Innovation, Operail (Confirmed)	Trial and error: the history and current state of PPPs in railway infrastructure Jose Cordovilla , Director of Infrastructure Advisory Services, TYPSA (Confirmed)
14:50	Lisbon's sustainability strategy Ricardo Machado , Senior Director of Project Development, Metropolitano de Lisboa (confirmed)	Gemelo Digital para la explotación del metro de Granada y del tranvía de la Bahía de Cádiz Pablo Olivares , Gerente de Proyectos, Agencia de Obra Pública de la Junta de Andalucía (Confirmed)	SNCF Smart Level Crossings: Discussing the future of level crossing safety for connected/automated vehicles Virginie Taillandier , Project Manager, SNCF Group (Confirmed)	Jorge Caturla , Co-líder iniciativa RIH-PTEC "Estación del Futuro", Railway Innovation Hub (Confirmed) Francisco Baeza , Co-líder iniciativa RIH-PTEC "Estación del Futuro", Railway Innovation Hub (Confirmed) Roberto Rojas , Co-líder iniciativa RIH-PTEC "Estación del Futuro", Railway Innovation Hub (Confirmed)	Panel: Driving forward innovation and transformation in Rail Freight Marc Vallete , Director of innovation & Continuous Improvement, CFL (Confirmed) Margus Oun , Head of Innovation, Operail (Confirmed) Karel Van Gils , Director Innovation & Technology, Prorail (Confirmed)	Considering the government toolkit to fund the rail ambition; PPP, leasing, green bonds? John von Wentzel Senior Corporate Finance Advisor, Department for Transport (Confirmed)
15:10	AFTERNOON BREAK					
	ROUNDTABLES					
15:40	How UKRRIN is accelerating the rate of change and innovation within the rail sector: From funding models to test labs Achila Mazini , Industrial Fellow, University of Birmingham (Confirmed)	Expanding upon the future of intermodal and sustainable travel: where do we go from here? Henk Swarttouw , President, European Cyclists' Federation (Confirmed)		Building a national skills academy in rail to ensure operators, infrastructure managers and companies have the relevant talent Neil Robertson , CEO, National Skills Academy for Rail (Confirmed)	Managing Customer Experience within our Digital Environment Jay Newton , Head of Stations Engineering and Operations, HS1 (Invited) Parveen Bhavra , Strategic Insight Lead, HS1 (Invited)	
	Exploring effective onboard monitoring of track and train conditions Alfredo Peinado Gonzalo , Post Graduate Researcher, University of Birmingham	Navigating the challenges of implementing ATO and ERTMS in Europe Florian Kappler , Digital Transformation and Automation Lead, BLS (Confirmed)				
16:10	PLEASE MAKE YOUR WAY TO THE KEYNOTE THEATRE					

16:20	<p>Closing Keynote: Skilling for the future workforce</p> <p>Skills & Diversity – making a career in rail more attractive to all</p> <ul style="list-style-type: none"> • Outlining the key recruitment challenges to making rail a more inclusive, welcoming and diverse profession • What steps can operators, infrastructure managers and technology providers take to make a career in rail a more desirable profession? • Do universities need to take a leading role in advocating for the industry? • How do we prepare for the generational shift which is affecting railway workers and ensure there are enough people to operate the system in the future <p>Moderator:</p> <p>Dyan Crowther, CEO, HS1 (Confirmed) Juan de Dios Sanz Bobi, Dept of Mechanical Engineering, Universidad Politecnica de Madrid (Confirmed) Carlos Jimenez, Director del area de Organizacion y Personas, TMB (Confirmed) Ana Manuelito, Public Affairs Manager, UNIFE (Confirmed)</p>
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NOVEMBER 30TH							
Opening Keynote Sessions							
10:00	Welcome from Mafex & Terrapinn Sean Willis , Managing Director, Terrapinn (Confirmed) Victor Ruiz , President, Mafex (Confirmed)						
10:10	Institutional Welcome Francisco de la Torre , Mayor, City of Málaga (Confirmed) Marifrán Carazo Villalonga , Consejera de Fomento, Articulación del Territorio y Vivienda, Junta de Andalucía (Confirmed)						
10:20	Adif Keynote Interview Maria Luisa Dominguez , President, Adif (Confirmed)						
10:40	Reserved for local Collaborating Entities						
11:00	Reserved for Alstom						
11:20	Renfe Keynote Interview Isaías Táboas , President, Renfe (Confirmed)						
11:40	MORNING BREAK						
	DIGITAL TRANSFORMATION SPONSORED BY INDRA	SMART INFRASTRUCTURE SPONSORED BY ESRI	SIGNALLING & TRAIN CONTROL SPONSORED BY ALSTOM	LIGHT RAIL & METRO RAIL SPONSORED BY STADLER	ENERGY & SUSTAINABILITY SPONSORED BY ABB	GLOBAL MEGA PROJECTS SPONSORED BY CPCS	SIMPOSIO EN CASTELLANO
							
	Chaired by: Francesco Romano , Independent Senior Consultant	Chaired by:	Chaired by: Martin Fenner , Director, Tilt Consulting	Chaired by: José Carlos Domínguez Curiel , Director Gerente, Fundación de los Ferrocarriles Españoles	Chaired by: Alexander Burrows , Director, BCRRE	Chaired by: Ian Horseman Sewell , Managing Director, CPCS	
	FUTURE OF DATA	INTELLIGENT INFRA SOLUTIONS	INNOVATIVE COMMUNICATIONS TECHNOLOGIES	TECH TRANSFORMATION	HYDRAIL	TRANSFORMING METROPOLITAN AREAS	
12:50	Panel: Del dato al conocimiento, las claves para ganar en eficiencia y ser más sostenibles Schneider Electric Speaker (Confirmed)	Developing advanced data analytics for the optimisation of infrastructure management in Belgium Pieter Verlinden , Head of Analytics, Infrabel (Confirmed)	Defining the future of open CCS on-board reference architecture Etienne Kuntzel , OCORA Project Manager, SNCF (Confirmed)	Driver simulator training solutions for new lines and rolling stock Ramón Madero , Chief Operating Officer, Metro de Málaga (confirmed)	The impact of the modal shift to rail from air on the infrastructure of the future and what this means for investments & expansion needs Justus Hartkamp , Deputy Director Corporate Strategy, Prorail (Confirmed)	Implementation of India's first regional rail system Vinay Kumar Singh , MD, NCRTC Delhi (confirmed)	Sesión MAFEX y FFE

13:10		Reserved for NGRT	Reserved for Alstom	Innovations on Rolling stock for a more sustainable and accessible urban mobility Senior Speaker, Stadler (confirmed)	Exploring the future of energy efficient traction technologies for rolling stock Senthilnathan Mariappan, Product Manager, ABB	Adrian Lightstone, Global Director, Major Projects, CPCS	
13:30	LeadMind beyond train data for CBM or predictive maintenance: Wayside analytics to reduce inspections and advanced analytics to reduce energy and safety risks Javier de la Cruz García Dihinx, Managing Director, CAF Digital Services (Confirmed)	Leveraging Geo-Spatial technology for intelligent rail management Ian Koepfel, International Transportation Business Development Manager, Esri	Reducing infrastructure investment through new generation positioning systems Itziar Villaro, Onboard ERTMS Design Manager, CAF Signalling (Confirmed)	Transforming Buenos Aires' metro through novel tech developments Mauro Alabuenas, Presidente, Subte (Confirmed)	Panel: The future of Sustainable energy usage in Rail Reserved for Schneider Electric	Reserved INECO	Una nueva generación de Metro: un viaje hacia la digitalización y la sostenibilidad Modera: Julio Caballero Sánchez, Director General, Agencia de Obra Publica de Andalucía Silva Roldan, CEO, Metro de Madrid Ana Moreno, Gerente, Tranvías de Zaragoza Fernando Lozano Ruiz, Director Gerente, Metro de Málaga Jorge Maroto, Director Gerente, Metro de Sevilla Manuel Fernández, Director de Explotación y Planificación de la Agencia de Obra Pública de la Junta de Andalucía, Metro de Granada
13:50	Case Study: What role can regulators play in using IoT to better railway safety and innovation? Chau Fat Chan, Assistant Director of Railway, Electrical and Mechanical Services Department, Hong Kong Special Administration Region Government (Confirmed)	Designing the future of digital asset management with AI & analytics in Germany Stefan Leistner, Head of Analytics & Asset Management, DB Netz (Confirmed)	Applying Satellite based solutions in rail: the SNCF's and Loc4Rail project experience Valentin Barreau, Project Manager for Tech4rail Localisation, SNCF (Confirmed)	¿Cómo monitorear la infraestructura ferroviaria en una ciudad sísmica? Piero Arana, Gerente de Mantenimiento — Línea 1 Metro de Lima, UNNA Infraestructuras		New Main Lines in Sweden; opportunities for industry to innovate Anders Karlsson, Strategic planner, Trafikverket (Confirmed)	
14:10	LUNCH & NETWORKING						
	DIGITAL TRANSFORMATION SPONSORED BY INDRA	SMART INFRASTRUCTURE SPONSORED BY ESRI	SIGNALLING & TRAIN CONTROL SPONSORED BY	LIGHT RAIL & METRO RAIL SPONSORED BY STADLER	ENERGY & SUSTAINABILITY SPONSORED BY ABB	GLOBAL MEGA PROJECTS SPONSORED BY CPCS	SIMPOSIO EN CASTELLANO
							
	Chaired by: Francesco Romano, Independent Senior Consultant		Chaired by: Andy Harrison, Director, MiM Consulting	Chaired by: Hans Cruse, Director, Spårvagnsstäderna	Chaired by: Alexander Burrows, Director, BCRRE	Chaired by: Ian Horseman Sewell, Managing Director, CPCS	
	INNOVATION PROJECTS	INDUSTRY 4.0	FRMCS & RADIO SPECTRUM INNOVATIONS	URBAN REGENERATION	ENERGY TRANSITION	DESIGNING THE INFRASTRUCTURE OF THE FUTURE	
15:40	Accelerating digital innovations with Deutsche Bahn's Advanced TrainLab Tobias Fischer, Head of Technology at Teclab, Deutsche Bahn (Confirmed)	Making effective use of data with Bane NOR's digital track monitoring application Kristine Tveit, ICT Team Lead Maintenance, Bane NOR (Confirmed)	The role of satellite for FRMCS Nikolaos Toptsidis, Satellite Telecommunication Engineer, ESA (Confirmed)	Mauritius Metro Express Project: Innovations in integrated transport development and urban revival, amidst exogenous challenges Das Mootanah, CEO, Metro Express (Confirmed)	Achieving climate neutrality on the Swiss network by 2030: our roadmap to success Thomas Gugler, Technology Programme Manager, SBB (Confirmed)	Capital projects development in Spain's capital city Miguel Nuñez Fernández, General Director of Collective Transport Infrastructures, Comunidad de Madrid (Confirmed)	Renfe en colaboración con otros operadores expondrá proyectos de innovación y cuáles son los retos que afrontan los operadores Modera: José Carlos Domínguez Curiel, Director Gerente, Fundación de los Ferrocarriles Españoles

16:00	<p>Exploring our results from a piston-effect real test in railway tunnels</p> <p>Javier Torre, Area Manager, Zitron (Confirmed)</p>	<p>Hybrid models for predictive infrastructure maintenance, based on Machine Learning and Digital Twins</p> <p>Jorge Rodriguez Julián, Chief Commercial Officer, Mainrail (confirmed)</p>	<p>MCX for transport, moving towards interoperability and FRMCS, a success story in India</p> <p>Raquel Frisa, Head of Product Management, Teltronic (Confirmed)</p>	<p>Metro on tyres – Solutions in turnouts and signalling</p> <p>Juan Carlos Sánchez CTO, COO, CSO, Voestalpine Railways Systems JEZ (Confirmed)</p>	<p>Proyecto de Autoconsumo en modalidad de PPA en la Línea 1 del Metro de Sevilla</p> <p>José Ángel Santos, Director de Mantenimiento, Metro de Sevilla (Confirmed) Pablo Fernández-Aller, CEO, ENÉRGYA-VM (Confirmed)</p>	<p>How satellite-based ground movement monitoring is supporting the rail industry to assess risks and liabilities, optimise costs and reduce uncertainties</p> <p>Stefano Cespa, General Director, TRE ALTAMIRA, SLU (Confirmed)</p>	<p>Guillermo Castrillo, Business Development Director, iryo (Confirmed) Manel Villalante, General Manager Strategy & Development, Renfe (Confirmed) Hélène Valenzuela, MD, Ouigo (Confirmed)</p>
16:20	<p>dōcō: the integrated mobility platform</p> <p>Manel Villalante, General Manager Strategy & Development, Renfe (Confirmed)</p>	<p>How to link strategic asset management and network planning to keep our railway system resilient while extending and maintaining it constantly?</p> <p>Daniel Eckenstein, Lead Systems Engineer, SBB Infrastructure (Confirmed)</p>	<p>Discussing the challenges for sharing bandwidth in an increasingly busy transportation space</p> <p>Frédéric Jans-Cooremans, Project Manager & Radio Spectrum Management, STIB-MIVB (Confirmed)</p>	<p>La regeneración urbana a través de la planificación de los corredores urbanos de Transporte en Medellín</p> <p>Juan Manuel Patiño Marin, Arquitecto Planificador Urbano, Metro de Medellín (Confirmed)</p>	<p>Energy strategy in Metro Málaga: measure, analyse, decide & act</p> <p>José Miguel de Frutos, Chief Maintenance & Engineering Officer, Metro de Málaga (Confirmed)</p>	<p>STH – Poland’s infrastructure megaproject in the making</p> <p>Mikołaj Wild, CEO, Solidarity Transport Hub (confirmed)</p>	
16:40	<p>Innovation + Reliability: Driving the future of digital rail systems</p> <p>Indra Speaker (Confirmed)</p>	<p>Digitizing your infrastructure: what to expect from new methodologies</p> <p>Sergio Arroniz, KAM in infrastructures, Grupo Álava</p>	<p>Panel: A roadmap for the future of FRMCS and 5G technology</p> <ul style="list-style-type: none"> – Outlining the timeline for the transition from GSM-R to FRMCS – What are the specific challenges FRMCS presents? What opportunities does it enable? – How can operators and infrastructure managers prepare to phase out GSM-R and migrate to FRMCS? 	Reserved for a sponsor	<p>PANEL: Debating the reality of alternative energy sources in rail and their role in enabling the decarbonisation of rail</p> <ul style="list-style-type: none"> - What role can hydrogen realistically play in the energy mix for rail and what are the shortcomings of this solution - From electrification to battery technology, is electric the best 	Reserved for a sponsor	
17:00	<p>Pushing the boundaries of innovation through technical and operational integrations: A Spanish case study</p> <p>Sergio Bárcena, Director of Operations Planning and Maintenance, OUIGO Spain (Confirmed)</p>	<p>Developing our high-speed diagnostic train applying machine learning, laser scanning and high-quality image detection on the Italian Network</p> <p>Marco Gallini, Head of the Mobile Diagnostics and Maintenance Vehicles Department, RFI (Confirmed)</p>	<p>Moderated by: Andy Harrison, Director, MiM Consulting</p> <p>Panellists include: Keir Fitch, Head of Unit, Rail Safety and Interoperability, DG MOVE (Confirmed)</p> <p>Michael Mikulandra, Chair of UNITEL Committee, UNIFE (Confirmed)</p>	<p>Reshaping the face of Ho Chi Minh City via a new metro system</p> <p>Hoang Ngoc Tuan, Deputy Director of Preparation & Investment Unit, Management Authority for Urban Railways (MAUR) (Confirmed)</p>	<p>Panellists include: Alex Burrows, Professor, University of Birmingham (Invited)</p> <p>Tobias Fischer, Head of Technology at Teclab, Deutsche Bahn (Confirmed)</p> <p>Thomas Gugler, Technology Programme</p>	<p>Czech High-Speed Railway - The Future of Central Europe</p> <p>Radek Cech, Director of the International Affairs Department, Sprava zeleznic (Confirmed)</p> <p>Martin Svehlik, Director of the High-Speed Railway Preparation Department, Sprava zeleznic (Confirmed)</p>	

			<p>Javier Ibáñez de Yrigoyen, Programme Manager, Europe's Rail (Confirmed)</p> <p>David Choda, Principal Engineer, Telecoms, Network Rail (Confirmed)</p>	<p>Manager, SBB (Confirmed)</p> <p>Irene Donaire, Jefa de Área de gestión y eficiencia energética, Renfe (Confirmed)</p>		
	Closing Keynote					
17:20	<p>Partnerships and opportunities in Latin America – what are Alamy's members looking to build and expand</p> <p>Sebastian Court, Senior Director for Corporate Planning and Development, Metro De Santiago (confirmed)</p>					
17:35	Reserved for NGRT					
17:55	<p>Investing in the railway infrastructure required to meet future demand: the role of digitisation, decarbonisation and optimisation across the railway infrastructure</p> <ul style="list-style-type: none"> - As we look ahead to the requirements of the railway infrastructure over the next couple of decades, where are the top priorities for investment? - How can technology support the optimisation of railway infrastructure operations and minimise maintenance costs? - What are our panellists doing to prepare for the impacts of climate change on railway infrastructure? <p>Panelists include:</p> <ul style="list-style-type: none"> • Radosław Kantak, Board Member, Solidarity Transport Hub • Leanne Redden, Executive Director, RTA Chicago • Dirk Beckers, Director, CINEA • Andrew McNaughton, Chairman, Network Rail High Speed • Agnis Driksna, CEO, Rail Baltica 					
18:30	<ul style="list-style-type: none"> • Close of conference day; evening drinks to follow 					

10:00	Opening Keynotes						
	<p>Meeting the challenge to decarbonise the railway sector and play our part in the fight against the climate crisis</p> <ul style="list-style-type: none"> - How can the rail industry look to meet net zero targets and what are the key roles for every relevant sector including Freight, infrastructure managers and the wider supply chain? - Creating the conditions for true modal shift of passengers and freight: what are our biggest challenges and how can we meet them? - Putting sustainability at the heart of all rail investment, development and optimisation from circular economy to biodiversity. <p>Moderated by: Pedro Fortea, Director, Mafex</p> <p>Panellists include:</p> <ul style="list-style-type: none"> • Lucie Alderton, Head of Sustainability, UIC • Karolis Sankovski, CEO, LTG Infra • Philippe Citroen, Director General, Unife • Carlo Borghini, Executive Director, Europe Rail • Ralf Charley-Schultze, General Director, UIRR 						
10:50	Confirmed for INECO						
11:10	MORNING BREAK						
	DIGITAL TRANSFORMATION	SMART INFRASTRUCTURE	SIGNALLING & TRAIN CONTROL	LIGHT RAIL & METRO RAIL	ENERGY & SUSTAINABILITY	GLOBAL MEGA PROJECTS	SIMPOSIO EN CASTELLANO
	SMART MAINTENANCE	FUTURE NETWORK	FUTURE DIGITAL CONTROL SYSTEMS	PASSENGER EXPERIENCE	FUTURE RAIL SYSTEM	FUNDING SUSTAINABLE TRANSPORT	
	Chaired by: Francesco Romano , Independent Senior Consultant		Chaired by: Andy Harrison , Director, MiM Consulting		Chaired by: Alexander Burrows , Director, BCRRE		
12:10	<p>Moving from prototypes to real-world condition-based maintenance systems and targeting predictive maintenance applying A.I.</p> <p>Gerald Schinagl, Head of Digital Innovation, ÖBB (Confirmed)</p>	<p>Applications for Satellite based data on the railway infrastructure: maintenance, inspection and more</p> <p>Enrico Spinelli, Business Applications Engineer, ESA</p>	<p>Using Galileo to further ERTMS & rail digitalization</p> <p>Jorge Ignacio Iglesias Diaz, Director of the CEDEX Railway Interoperability Laboratory, CEDEX (Confirmed)</p>	<p>La innovación para mejorar la experiencia de usuario, el caso de Metro de Sevilla</p> <p>Jorge Maroto, Director Gerente, Metro de Sevilla (confirmed)</p>	<p>Sharing our pathway to climate neutrality in Lithuania: Investing in renewable energy and supporting green initiatives</p> <p>Karolis Sankovski, CEO, LTG Infra (Confirmed)</p>	<p>Funding the South Commuter Railway Project in partnership with the Asian Development Bank</p> <p>Cesar Chavez, Undersecretary for Railways, Department for Transport, Government of the Philippines (confirmed)</p>	<p>ADIF I+D+i Innovación estrategica</p>
12:30	Reserved for NGRT	<p>Leveraging location intelligence for rail infrastructure</p> <p>Terry Bills, Global Transportation Industry Director, Esri</p>	<p>Broadband and digitalisation, new use cases that will revolutionise rail transport</p> <p>Sonia Miguel, Product Manager- Transport Sector Specialist, Teltronic (Confirmed)</p>	Reserved for Alstom	<p>The SiC footprint into auxiliary converter and battery chargers for railway applications</p> <p>Luca Cartabianca, Global Product Manager, Stand Alone Auxiliary Converters and Battery Chargers, ABB</p>	<p>LA2028 – How Will Southern California, known for Freeways and Traffic, use Public Transit to deliver a “Car-Free” Olympic Games</p> <p>Darren Kettle, CEO, Metrolink (Confirmed)</p>	

12:50	<p>SNCF’s extensive experience with predictive maintenance</p> <p>Cyril Verdun, Head Manager of Railway Rolling Stock Maintenance Engineering, SNCF (Confirmed)</p>	<p>Investing in the expansion & digitisation of the south East Europe Railway infrastructure</p> <p>Peter Verlic, Chairman, SEESARI (Conference)</p>	Reserved for Indra	<p>Cold case learnings and tram safety improvements unprotected road users, light rail and safety</p> <p>Mimmi Mickelsen, Tram Security Expert, Trafikkontoret, Göteborgs Stad (Confirmed)</p>	<p>Is Rail’s green leadership under threat?</p> <p>Becrom Basu, Transport & Logistics Partner, L.E.K Consulting</p>	<p>Proyectos ferroviarios en Bogotá</p> <p>Sandra Milena Del Pilar Rueda Ochoa, Jefa de Oficina de Planeación, Instituto de Desarrollo Urbano (Confirmed)</p>	Session ICEX	
13:10	<p>A window into the ground: the future of asset management using quantum technology</p> <p>Nicole Metje, Professor of Infrastructure Monitoring and Head of Enterprise, Engagement and Impact, University of Birmingham (Confirmed)</p> <p>Michael Holynski, Professor of Atom Interferometry, Head of Innovation, University of Birmingham (Confirmed)</p>	<p>Developing a sustainable procurement process at OBB: from construction to material how can rail embed a sustainable mindset at all stages of procurement?</p> <p>Sven Schirmer, Corporate Procurement Coordinator, OBB (Confirmed)</p>	Reserved for Funkwerk	<p>Jonathan Medina, Planning and Strategic Operations Manager, TMB (Confirmed)</p>	<p>Decarbonisation through innovation the development of HybridFLEX at Chiltern Railways</p> <p>Ian Hyde, Engineering & Safety Director, Arriva Group’s Chiltern Railways (Confirmed)</p>	<p>Al Boraq as a pioneering experience for “Green Bonds”</p> <p>Kaoutar El Haji, Corporate & Project Finance Manager, Office National des Chemins de Fer</p>		
13:30			<p>Fireside chat: A wholistic vision of ERTMS planning and implementation in the Netherlands</p> <p>Moderated by: Martin Fenner, Director, Tilt Consulting</p> <p>Esme Kahlshoven, Program Manager, ERTMS, NS</p> <p>Karel Van Gils, Director Innovation & Technology, Prorail</p>		<p>Achieving a transition in fleet energy: what learnings can the rail industry take from Bus fleet energy transformation?</p> <p>David Barnett, Head of Engineering, Rail & Bus, Translink</p>	<p>A make-in-India success story, the contribution of Indian railways</p> <p>Ayush R Srivastava, Trainee, National Rail & Transportation Institute</p>		
13:50	NETWORKING LUNCH							
	SMART INFRASTRUCTURE		SIGNALLING & TRAIN CONTROL			LIGHT RAIL & METRO RAIL		
	INFRASTRUCTURE DEVELOPMENT		SIGNALLING INNOVATION CASE STUDIES			ACCESSIBILITY		
			Chaired by: Martin Fenner , Director, Tilt Consulting					
14:20	<p>Applying Industry 4.0 Solutions to the Indian Railway network to optimise traffic management, asset management and more</p>		<p>DB Cargo’s achievements and vision for the future of ATO and freight</p> <p>Baseliyos Jacob, Technical Project Lead ATO Betuweroute, DB Cargo (Confirmed)</p>		<p>Accessibility is more than step-free access: what is Madrid doing to make the network inclusive to all?</p>			

	Nalinaksh Vyas , Head of Technology Mission, Indian Railways (Confirmed)		Carlos Zorita Pérez , Responsable del Servicio de Infraestructuras y Estaciones, Metro de Madrid (confirmed)
14:40	Using data-fusion and AI for better detection and prediction of accelerated catenary wear Arjen Zoetemand , Senior Programme Manager, Research, ProRail (Confirmed) Jurjen Hendriks , Researcher, TU Delft (Confirmed)	From higher track capacity to integrated traffic controls: Discussing what possibilities modern CBTC systems open up? Michael Rüffer , Chief Technical Officer, VGF (Confirmed)	PANEL: Making rail more accessible: where are we excelling and what can we do better Moderator : Javier Ibáñez de Yrigoyen , Programme Manager, Europe's Rail Joint Undertaking (confirmed) Jose Luis Borau Jordán , Arquitecto, Jefe Departamento Accesibilidad al Medio Físico, Fundación ONCE (confirmed) Carlos Zorita Pérez , Responsable del Servicio de Infraestructuras y Estaciones, Metro de Madrid (confirmed) Ana Maria Vieitez , Responsable de Accesibilidad Universal, TMB (confirmed) Ramón Madero , Chief Operating Officer, Metro de Málaga (confirmed)
15:00	EU Space contribution to railway operations and infrastructure maintenance Daniel Lopour , Market Development Officer, European Union Agency for the Space Programme (Confirmed)	Digital S-Bahn Hamburg: Transforming urban rail systems with ATO over ETCS technology Christoph Gonçalves Alpoim , Head of Digital S-Bahn Hamburg, Deutsche Bahn (Confirmed)	
15:20	Reserved for Albanian Railways	The future of Implementing Automatic Train Operation Jack Schneider , Head of International Standardisation ATO & CCS Onboard, SBB AG (Confirmed)	
15:40	Close of Event		