

JANUARY 30, 2024

08:15	Exhibition Hall	Welcome coffee-tea	
09:00	<b>Opening plenary</b> Room AMPERE (Retransmitted in rooms T.GARNIER and JACQUARD)	- Welcome : P. Valentin (Président CCI Lyon), F.Olard (Infra2050), F.Robida (MINnD), A.Moreno (European Forum of openBIM) and T. Savolainen (bS Finland) - GAIA X & European Strategy on the Cloud Computing by Anne-Sophie Taillandier (Data & AI platform TeraLab Director, IMT) - Artificial Intelligence and open BIM by Alar Jost (bS Switzerland)	
10:30	Exhibition Hall	Break	
11:00	<b>Session 1.1: Sustainable Construction</b> Chairs: Petteri Palviainen (Novatron Oy) Pierre Benning (MINnD, ESTP) Room AMPERE	<b>Session 1.2: New Innovations</b> Chairs: Tiina Pertula (Ramboll) Christophe Castaing (MINnD) Room TONY GARNIER	<b>Session 1.3: Utilizing openBIM in Railway</b> Chairs: Pasi Joensuu (Infrakit) Vincent Keller (MINnD) Room JACQUARD
	Establishing "digitally sustainable" material passports <i>by Peter Imbrechts and Mathias Bonduel (Neanex)</i>	InfraBIM challenges for bridges and viaducts: real case studies for monitoring system, modeling, structural analysis and inspections <i>by Rodrigo Bortolini (CSPFea s.c.) and Paolo Segala (FEA Engineering)</i>	BIM in the "Rail Baltica" project: promoted progress in the market and the challenges that arise with it! <i>by Jovita Starynina (RB Rail AS)</i>
	Sustainable advancements through data simulations and team collaboration <i>by Michal Rubanko and Marcel Nolte (Rhombert Sersa Rail Group)</i>	4D Streetscape modeling: integrating neural radiance fields and stable diffusion in BIM <i>by Anqi Hu, Nobuyoshi Yabuki and Tomohiro Fukuda (Osaka University)</i>	Applying for IFC4.3 for rail project : results <i>by Étienne Pansart (SYSTRA) and Édouard Chabanier (SNCF Réseau)</i>
	Transforming road reconstruction with open and connected BIM technologies <i>by David Kathy and Matyas Bellaagh (Colas Hungária Zrt.)</i>	AR and MX power in BIM construction and maintenance <i>by Alec Pestov (vGIS)</i>	BIM4LCA @DB E.C.O. Group: enhancing sustainability in railway infrastructure design through openBIM model-based life cycle <i>by Manuel Kretlow and Jonas Lampkemeyer (DB Engineering &amp; Consulting GmbH)</i>
	Leveraging openBIM for sustainable, model based infrastructure construction: an ESG Perspective <i>by Janne Paitsola (Infrakit Group Oy) and Mika Jaakkola (Destia Oy)</i>	Automation in as-is bim modelling for mechanized tunneling construction <i>by D. Rodriguez Polania, A. Osello (Politecnico di Torino) and M. Positano (WeBuild Group)</i>	Harmonizing reality capture with openBIM: building faster & saving millions <i>by Lauri Hartikainen (Arkance Systems)</i>
13:00	Exhibition Hall	Lunch	
14:00	<b>Session 2.1: More Value for Information</b> Chairs: Nolwenn Lancien (Arkance System) Rémi Lannoy (bSFrance, CERIB) Room AMPERE	<b>Session 2.2: Digital Project Management</b> Chairs: Annina Lehtikainen (bS Finland) Dominique Chevillard (bS France, FNTF) Room TONY GARNIER	<b>Session 2.3: Below the Surface</b> Chairs: Tarmo Savolainen (bS Finland) François Robida (MINnD) Room JACQUARD
	Connected construction: new ISO standard for harmonizing and connecting office to field workflows <i>by Visa Hokkanen (Infrakit Group Oy) and Mikko Vesanen (Novatron Oy)</i>	BIM for airport infrastructure: a case study on Vienna Airport <i>by Alfonso Perna (ACCA software S.p.A) and Jan Morten Loës (VIE Vienna Airport)</i>	Design and benefits of a national geotechnical databank: the BRGM experience <i>by Mickael Beauflis (BRGM)</i>
	Using openBIM and linked data for digital twinning the construction project delivery phase <i>by Frédéric Bosché (University of Edinburgh)</i>	A 4D Synthesis on Marseille to Ventimiglia's railway Line <i>by Joao Nogueiras Alves (SNCF) and Maximin Colla (Arkance Systems)</i>	Subsurface BIM of central Tokyo area for earthquake mitigation measures <i>by Kazunori Takahashi (OYO Corporation)</i>
	Road quantities with IFC: example of REB 22.001 guideline <i>by Štefan Jaud (The Hard Code GmbH) and Rico Steyer (AKG Software Consulting GmbH)</i>	Towards openCDE : the key role of a "CDE agent" in a global openBIM digital environment ! <i>by Christian Grobost (MINnD, egis)</i>	Xsite solution - universe's most popular and meaningful solution for infra-construction <i>by Fernando Korpi (Novatron)</i>
15:30	Exhibition Hall	Break	
16:00	<b>Session 3.1: Design Optimization</b> Chairs: Eivind Pagander Dominique Chevillard (bS France, FNTF) Room AMPERE	<b>Session 3.2: Future Goals for Sustainability</b> Chairs: Chantal Pasquier (MINnD, egis) Khaled Al Fakir (Syntec Ingenierie) Room TONY GARNIER	<b>Session 3.3: Scan-to-openBIM</b> Chairs: Jesper Pelby (Sund & Bælt) Christophe Castaing (MINnD) Room JACQUARD
	Fabrication design for the Kirjalansalmi bridge replacement: meeting challenging deadlines with agile automation <i>by Augustin Ceillier (Ramboll Finland)</i>	Sustainable digital infra construction <i>by Rauno Heikkilä (University of Oulu)</i>	Scan-to-openBIM: from 3D scans to IfcBridge models <i>by Yohann Schatz (HES-SO)</i>
	Optimizing BIM infrastructure design with the integration of IDS and bSDD <i>by Rachele Bernardello (University of Padova), and Mauro Coletto (SierraSoft Srl)</i>	Connecting the digital and physical worlds in infrastructure <i>by Patrick McGloin (Trimble)</i>	Automated 3D point cloud analysis for enhanced railway track geometry in BIM <i>by Evrim Kor (Setec Ferroviaire) and Eric Bazan (The Cross Product)</i>
	openBIM application for Model-based design of railway from Nykirke to Barkåker <i>by Beatrice Tiberi (SYSTRA SWS)</i>	BIM and Decarbon'Action <i>by Laurence Gauthier and Grégoire Courchel (SUEZ Consulting)</i>	Meeting BIM requirements for road infrastructure: management and coordination <i>by Bastien Avril (SOGELINK)</i>
17:45	Room AMPERE	<b>Feedback from Infra Serious Game</b>	
18:30	Exhibition Hall	Cocktail	

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JANUARY 31, 2024

08:15	Exhibition Hall	Welcome coffee-tea	
09:00	<b>Session 4.1: Digital Asset Management</b> Chairs: Annina Lehtikainen (bS Finland) François Robida (MINnD) Room AMPERE	<b>Session 4.2: Future Goals</b> Chairs: Tiina Pertula (Ramboll) Rémi Lannoy (bS France, CERIB) Room TONY GARNIER	<b>Session 4.3: Ideas for Digital Handover</b> Chairs: Chantal Pasquier (MINnD, egis) Jesper Pelby (Sund & Bælt) Room JACQUARD
	BIM strategy focal points through maturity matrix measurement in infrastructure owner organization - case FTIA <i>by Jenna Ikonen (Finnish Transport Infrastructure Agency)</i>	The positions of MINnD season 2 and MINnD2050 perspectives towards carbon neutrality <i>by Vincent Keller (MINnD)</i>	A built world in a single digital twin: openBIM management technology to create a unified BIM-GIS model <i>by Alfonso Perna (ACCA Software)</i>
	Cost management, CO <sup>2</sup> & openBIM: where are we now? <i>by Ari Huomo (Finnish Transport Infrastructure Agency), Anni Heilala (Arkance Systems)</i>	The environmental digital twin : methodology & use cases <i>by Fanny Josse and Riss Sylvain (Lab'urba   Université Gustave Eiffel - WSP BG Ingénieurs conseils)</i>	Infrastructure as-build model control and handover - motorway interchange <i>by Gabriele Da Silva Monteiro and Denis Le Roux (Setec)</i>
	When civil engineers meet openBIM libraries <i>by Denis Le Roux (Setec)</i>	Approaching construction dataspace using openBIM and Gaia-X for twin transition <i>by Tommi Arola (Building information foundation RTS) and Christophe Castaing (lighthouse project DIGITAL TER)</i>	Improving the handover data flow to operational phase—case large light rail transit project <i>by Juuso Autio (Ramboll Finland Oy)</i>
10:30	Exhibition Hall	Break	
11:00	<b>Session 5.1: Thoughts from Infra Owners</b> Chairs : Pasi Joensuu (Infrakit) Jean-Paul Trehen (bS France, LEGENDRE) Room AMPERE	<b>Session 5.2: openBIM Next Steps</b> Chairs: Petteri Palviainen (Novatron Oy) Pierre Benning (MINnD, ESTP) Room TONY GARNIER	<b>Session 5.3: Utilizing openBIM Tools</b> Chairs: Tarmo Savolainen (bS Finland) Vincent Keller (MINnD, egis) Room JACQUARD
	The Australian digital engineering for fixed rail infrastructure standard: a consideration for European Industry? <i>by Sandra Lang (SYSTRA)</i>	openBIM standardisation and implementation: importance of common terminology and principles <i>by Annina Lehtikainen (bS Finland)</i>	Information and communication insights through integration <i>by Øystein Lystad (Asplan Viak AS)</i>
	Information flow over the life cycle of an infrastructure project <i>by Juha Liukas (Sitowise Group Oyj)</i>	Ifc for underground infrastructures projects <i>by Michel Rives (Vianova France)</i>	Spearheading virtual design and construction in bridge projects—Vektor IO <i>by Aki Kopra, Rasmus Sainmaa (Kreate)</i>
	First Alliance contract in Estonia <i>by Anti Palmi (Estonian Transport Administration)</i>	GIROS: The digital twins of the Gironde estuary to accelerate territorial resilience in a context of climate change <i>by Vincent Lalire (egis)</i>	Computational design and bim integration in bridge engineering <i>by Alejandro Palpan (GEN+)</i>
	Utilization of the digital built environment in rescue operation risk management <i>by Timo Lehtoviita (LAB University of Applied Sciences)</i>	How to leverage use of data and open standards in construction projects, operation and maintenance of bridges and other facilities <i>by Leif Granholm (Trimble Solutions Oy)</i>	The quest for the ultimate openBIM exchange requirements language: comparing mvdXML, IDS and Gherkin <i>by Štefan Jaud (The Hard Code GmbH) and Sylvain Marie (EUROSTEP)</i>
13:00	Exhibition Hall	Lunch	
14:15	<b>Closing plenary</b> Room AMPERE (Retransmitted in rooms T.GARNIER and JACQUARD)	- Béatrice Vessiller (VP Métropole de Lyon) - From Closed BIM to openBIM in 30 years a user story - The Swedish Transport Administration by Karin Anderson - Why openBIM is crucial for procurement and sustainability? Frank Hovorka (bS France) - The European Data strategy and the deployment of data spaces by Federico Milani (Deputy Head of the Data policy and Innovation Unit at the European Commission within CNECT ) - Unlocking productivity & sustainability through openBIM by Clive Billiald (CEO bSI)	
16:00	Exhibition Hall	Closing cocktail	