



Monday, 29 January

- 2pm **Infra Serious Game**
- 2:30pm **DigitalTer Meeting**
- 6pm **Get Together : Welcome drink in the exhibition hall**

Tuesday, 30 January

- 9am **Welcome Speech & Opening Plenary**
- 9am **Exhibition**
- 9:30am **Plenary : BSI and OGC**
- 10am **Plenary : GAIA X & European Strategy on the Cloud Computing**
- 10:30am **Coffee Break**
- 11am **Session 1.1 - Sustainable Construction**
- 11am **Establishing "digitally sustainable" material passports**
» [Mr. Peter Imbrechts](#), [Dr. Mathias Bonduel](#)
- 11:30am **Sustainable Advancements Through Data Simulations and Team Collaboration**
» [Mr. Michal Rubanko](#), [Mr. Marcel Nolte](#)

12pm **Transforming Road Reconstruction with Open and Connected BIM Technologies**
» [Mr. David Kathy](#), [Mr. Matyas Bellaagh](#)

12:30pm **Leveraging Open BIM for Sustainable, model based Infrastructure construction: An ESG Perspective**
» [Mr. Janne Paitsola](#), [Mr. Mika Jaakkola](#)

11am **Session 1.2 - Innovations**

11am **InfraBIM challenges for bridges and viaducts: real case studies for monitoring system, modeling, structural analysis and inspections**
» [Mr. Rodrigo Bortolini](#), [Mr. Paolo Segala](#)

11:30am **4D Streetscape Modeling: Integrating Neural Radiance Fields and Stable Diffusion in Building Information Modeling**
» [Ms. Anqi Hu](#), [Prof. Nobuyoshi Yabuki](#), [Prof. Tomohiro Fukuda](#)

12pm **vGIS - AR and MX power in BIM construction and maintenance**
» [Mr. Alec Pestov](#)

12:30pm **AUTOMATION IN AS-IS BIM MODELLING FOR MECHANIZED TUNNELING CONSTRUCTION**
» [Mr. Daniel Rodriguez Polania](#), [Prof. Anna Osello](#), [Mr. Michele Positano](#)

11am **Session 1.3 - Utilizing openBIM in Railway Projects**

11am **BIM in the "Rail Baltica" project: promoted progress in the market and the challenges that arise with it!**
» [Dr. Iovita Starynina](#)

11:30am **"Applying for IFC4.3 for Rail" Project : The Results**
» [Mr. Étienne PANSART](#), [Mr. Vincent KELLER](#), [Mr. Édouard CHABANIER](#)

12pm **BIM4LCA @DB E.C.O. Group: Enhancing Sustainability in Railway Infrastructure Design through OpenBIM Model-Based Life Cycle Assessment**
» [Mr. Manuel Kretlow](#), [Mr. Jonas Lampkemeyer](#)



Continued from Tuesday, 30 January	
12:30pm	Arkance Systems - Harmonizing reality capture with OpenBIM: Building faster & saving millions » Mr. Lauri Hartikainen
1pm	Lunch
2pm	Session 2.1 - More Value for Information
2pm	Connected Construction: new ISO standard for harmonizing and connecting Office to Field workflows » Mr. Visa Hokkanen , Mr. Mikko Vesanen , Mr. Nicholas Bollweg
2:30pm	Novatron - Xsite solution – The universe’s most popular and meaningful solution to the earthmoving construction » Mr. Fernando Korpi
3pm	Road Quantities with IFC: Example of REB 22.001 Guideline » Mr. Štefan Iaud , Dr. Rico Steyer
2pm	Session 2.2 - Digital Project Management
2pm	BIM for Airport Infrastructure: A Case Study on Vienna Airport » Mr. Alfonso Perna , Dr. Christoph Eichler, Mr. Michelangelo Cianciulli
2:30pm	A 4D Synthesis on Marseille to Ventimiglia’s Railway Line » Mr. Maximin COLLA , Mr. Alexandre Vautrin
3pm	Towards openCDE : the key role of a “CDE Agent” in a global openBIM digital environment ! » Mr. Christian GROBOST , Mr. François ROBIDA, Mr. Hervé HALBOUT, Ms. Brigitte RONCOLATO, Mr. Christian GIRAUD
2pm	Session 2.3 - Below the Surface

2pm	Design and benefits of a National Geotechnical Databank: the BRGM experience » Dr. Mickael BEAUFILS , Mrs. Isabelle Halfon, Mr. Etienne Taffoureau
2:30pm	Subsurface BIM of Central Tokyo area for earthquake mitigation measures » Dr. Kazunori Takahashi , Mr. Chisato Konishi, Mr. Shoichi Nishiyama, Ms. Rie Kudo-Wada
3pm	Geospatial Digital Twin as an information integrator for risk management during the operation of a tunnel in a mining project in Peru » Dr. ADOLFO CAMILO TORRES , Mr. ALFONSO RICO
3:30pm	Coffee Break
4pm	Session 3.1 - Design Optimization
4pm	Fabrication Design for the Kirjalansalmi Bridge Replacement: Meeting Challenging Deadlines with Agile automation » Mr. Augustin Ceillier
4:30pm	Optimizing BIM Infrastructure Design with the Integration of IDS and bSDD » Dr. Rachele Bernardello , Mr. Mauro Coletto , Mr. Massimiliano Coletto
5pm	Open BIM application for Model-based design of railway from Nykirke to Barkåker » Mr. Alessandro Menozzi , Ms. Beatrice Tiberi
4pm	Session 3.2 - Sustainability
4pm	Sustainable Digital Infra Construction » Prof. Rauno Heikkilä , Mr. Visa Hokkanen, Mr. Lauri Hartikainen
4:30pm	Trimble - Connecting the Digital and Physical Worlds in Infrastructure » Mr. Patrick McGloin



Continued from **Tuesday, 30 January**

- 5pm **BIM and Decarbon'Action**
» [Mr. Guillaume DESMEDT](#), [Mrs. Laurence GAUTHIER](#), [Mr. Gregoire Courchel](#)
- 4pm **Session 3.3 - Scan-to-openBIM**
- 4pm **Scan-to-openBIM: from 3D scans to IfcBridge models**
» [Mr. Yohann Schatz](#), Prof. Bernd Domer, Mr. Fabian Boujon
- 4:30pm **Automated 3D Point Cloud Analysis for Enhanced Railway Track Geometry in BIM**
» [Mr. Alexandre Vautrin](#), [Mr. Natan Michalon](#), [Mr. Evrim Kor](#), [Dr. Eric Bazan](#), [Dr. Leonardo Gigli](#)
- 5pm **Sogelink - Meeting BIM requirements for road infrastructure: management and coordination**
» [Mr. Bastien Avril](#)
- 5:45pm **Railway Serious Game REX**
- 6:30pm **Cocktail**

Wednesday, 31 January

- 9am **Session 4.1 - Digital Asset Management**
- 9am **The Australian Digital Engineering for Fixed Rail Infrastructure Standard: A Consideration for European Industry?**
» [Mrs. Sandra Lang](#)
- 9:30am **Utilization of the digital built environment in rescue operation risk management**
» [Mr. Timo Lehtoviita](#), [Mr. Jarno Rautiainen](#), [Mr. Mauri Huttunen](#)

- 10am **SETEC - When civil engineers meet Open BIM libraries**
» [Mr. DENIS LEROUX](#)
- 9am **Session 4.2 - Future Goals**
- 9am **The positions of MINnD season 2 and MINnD2050 perspectives towards carbon neutrality**
» [Mr. Vincent Keller](#), [Mr. Pierre BENNING](#), [Mr. François ROBIDA](#)
- 9:30am **The Environmental Digital Twin : methodology & use cases**
» [Mrs. Fanny Josse](#), [Dr. Riss Sylvain](#)
- 10am **Topic: Approaching construction dataspace using openBIM and Gaia-X for twin transition**
» [Mr. Tommi Arola](#), [Mr. Christophe Castaing](#)
- 9am **Session 4.3 - New Ideas for Digital Handover**
- 9am **ACCA Software S.p.A. - Platinum Sponsor Presentation**
» [Mr. Alfonso Perna](#)
- 9:30am **Improving the handover data flow to operational phase - Case large light rail transit project**
» [Mr. Juuso Autio](#)
- 10am **Infrastructure As-Build Model Control and Handover - Motorway interchange**
» [Mr. DENIS LEROUX](#), [Mrs. Gabriele Da Silva Monteiro](#)
- 9am **Exhibition**
- 10:30am **Coffee Break**
- 11am **Session 5.1 - Thoughts from Infra Owners**
- 11am **BIM strategy focal points through maturity matrix measurement in infrastructure owner organization- case FTIA**
» [Ms. Jenna Ikonen](#)



Continued from Wednesday, 31 January	
11:30am	Information flow over the life cycle of an infrastructure project » Mr. Juha Liukas
12pm	First Alliance contract in Estonia » Mr. Anti Palmi
12:30pm	Cost management, CO2 & OpenBIM: Where are we now? » Mr. Ari Huomo , Ms. Anni Heilala
11am	Session 5.2 - openBIM Next Steps
11am	OpenBIM Standardisation and Implementation: Importance of Common Terminology and Principles » Ms. Annina Lehikoinen
11:30am	bSI Ifc4.4 for underground infrastructures projects » Mr. Michel RIVES , Dr. André Borrmann
12pm	GIROS: The digital twins of the Gironde estuary to accelerate territorial resilience in a context of climate change. » Mr. Vincent LALIRE , Mr. Fabrice Klein, Ms. Benedicte Authie
12:30pm	How to leverage use of data and open standards in construction projects, operation and maintenance of bridges and other facilities » Mr. Leif Granholm
11am	Session 5.3 : Utilizing openBIM Tools
11am	Information and communication insights through integration » Mr. Øystein Lystad
11:30am	Vektor.io - Spearheading Virtual Design and Construction in Bridge Projects » Mr. Teemu Nivell, Mr. Aki Kopra , Mr. Rasmus Sainmaa

12pm	COMPUTATIONAL DESIGN AND BIM INTEGRATION IN BRIDGE ENGINEERING » Mr. Alejandro Palpan , Mr. Eduardo Vicente, Mr. Fabrizio Inga
12:30pm	The Quest for the Ultimate openBIM Exchange Requirements Language: Comparing mvdXML, IDS and Gherkin » Mr. Štefan Jaud , Mr. Sylvain Marie , Dr. Sergej Muhič
1pm	Lunch
2:30pm	Plenary : A.I
3:15pm	Plenary : From Closed BIM to openBIM in 30 years, a user story - The Swedish Transport Administration From Closed BIM to OpenBIM in 30 years, a user story » Karin Anderson
4pm	Closing Cocktail