



## 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](#)

- 12:15pm **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	<b>Arkance Systems - Harmonizing reality capture with OpenBIM: Building faster &amp; saving millions</b> » <a href="#">Mr. Lauri Hartikainen</a>
1pm	<b>Lunch</b>
2pm	<b>Session 2.1 - More Value for Information</b>
2pm	<b>Connected Construction: new ISO standard for harmonizing and connecting Office to Field workflows</b> » <a href="#">Mr. Visa Hokkanen</a> , <a href="#">Mr. Mikko Vesanen</a> , Mr. Nicholas Bollweg
2:30pm	<b>Novatron - Xsite solution – The universe’s most popular and meaningful solution to the earthmoving construction</b> » <a href="#">Mr. Fernando Korpi</a>
2:45pm	<b>Road Quantities with IFC: Example of REB 22.001 Guideline</b> » <a href="#">Mr. Štefan Iaud</a> , <a href="#">Dr. Rico Steyer</a>
2pm	<b>Session 2.2 - Digital Project Management</b>
2pm	<b>BIM for Airport Infrastructure: A Case Study on Vienna Airport</b> » <a href="#">Mr. Alfonso Perna</a> , Dr. Christoph Eichler, Mr. Michelangelo Cianciulli
2:30pm	<b>A 4D Synthesis on Marseille to Ventimiglia’s Railway Line</b> » <a href="#">Mr. Maximin COLLA</a> , Mr. Alexandre Vautrin
3pm	<b>Towards openCDE : the key role of a “CDE Agent” in a global openBIM digital environment !</b> » <a href="#">Mr. Christian GROBOST</a> , Mr. François ROBIDA, Mr. Hervé HALBOUT, Ms. Brigitte RONCOLATO, Mr. Christian GIRAUD
2pm	<b>Session 2.3 - Below the Surface</b>

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



Continued from **Tuesday, 30 January**

- 4:45pm **BIM and Decarbon'Action**  
» [Mr. Guillaume DESMEDT](#), [Mrs. Laurence GAUTHIER](#)
- 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](#)
- 9:15am **Improving the handover data flow to operational phase - Case large light rail transit project**  
» [Mr. Juuso Autio](#)
- 9:45am **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	<b>Information flow over the life cycle of an infrastructure project</b> » <a href="#">Mr. Juha Liukas</a>
12pm	<b>First Alliance contract in Estonia</b> » <a href="#">Mr. Anti Palmi</a>
12:30pm	<b>Cost management, CO2 &amp; OpenBIM: Where are we now?</b> » <a href="#">Mr. Ari Huomo</a> , <a href="#">Ms. Anni Heilala</a>
11am	<b>Session 5.2 - OpenBIM Next Steps</b>
11am	<b>OpenBIM Standardisation and Implementation: Importance of Common Terminology and Principles</b> » <a href="#">Ms. Annina Lehikoinen</a>
11:30am	<b>bSI Ifc4.4 for underground infrastructures projects</b> » <a href="#">Mr. Michel RIVES</a> , <a href="#">Dr. André Borrmann</a>
12pm	<b>EGIS - Platinum Sponsor Presentation</b> » <a href="#">Mrs. Céline Bellec</a> , <a href="#">Mr. Vincent LALIRE</a> , <a href="#">Mr. Vincent Keller</a>
12:15pm	<b>How to leverage use of data and open standards in construction projects, operation and maintenance of bridges and other facilities</b> » <a href="#">Mr. Leif Granholm</a>
11am	<b>Session 5.3 : Utilizing OpenBIM Tools</b>
11am	<b>Information and communication insights through integration</b> » <a href="#">Mr. Øystein Lystad</a>
11:30am	<b>Vektor.io - Spearheading Virtual Design and Construction in Bridge Projects</b> » <a href="#">Mr. Teemu Nivell</a> , <a href="#">Mr. Aki Kopra</a> , <a href="#">Mr. Rasmus Sainmaa</a>

11:45am	<b>COMPUTATIONAL DESIGN AND BIM INTEGRATION IN BRIDGE ENGINEERING</b> » <a href="#">Mr. Alejandro Palpan</a> , <a href="#">Mr. Eduardo Vicente</a> , <a href="#">Mr. Fabrizio Inga</a>
12:15pm	<b>The Quest for the Ultimate openBIM Exchange Requirements Language: Comparing mvdXML, IDS and Gherkin</b> » <a href="#">Mr. Štefan Jaud</a> , <a href="#">Mr. Sylvain Marie</a> , <a href="#">Dr. Sergej Muhič</a>
1pm	<b>Lunch</b>
2:30pm	<b>Plenary : A.I</b>
3:15pm	<b>Plenary : From Closed BIM to OpenBIM in 30 years, a user story - The Swedish Transport Administration</b>
4pm	<b>Closing Cocktail</b>