

























BIM for Rail Bootcamp 2025

June 11 - 12 @Railcenter, Soesterweg 244 Amersfoort, The Netherlands

Co-hosted by ProRail







Day 1 – Wednesday 11 June 2025

Time	Duration	Programme item								
9.30 – 10.00	0:30	Walk-in and registration								
10.00 – 10.15	0:15	Welcome and introduction of the programme for day 1								
10.15 – 10.45	0:30	Opening panel discussion: the role of BIM in the digital transformation of Rail Asset Management								
10.45 – 11.15	0:30	Keynote by Marjoleine Jonker, ProRail								
11.15 – 11.30	0:15	Coffee and networking break								
11.30 – 12.00	0:30	Keynote by Martin Laursen, Banedanmark								
12.00 – 12.30	0:30	Keynote by Daniel Wampfler, SBB								
12.30 – 13.00	0:30	Keynote t.b.c.								
13.00 – 13.45	0:45	Lunch and networking break								
13.45 – 14.30	0:45	Workshops round 1 <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="text-align: center; width: 30px;">1 </td> <td>BIM as key to functional infrastructure design Christian von Normann and Marc Eschenbacher, Otimon</td> </tr> <tr> <td style="text-align: center;">2 </td> <td>Delivery of a digital twin for HS2 Rogier de Kwaadsteniet, Bentley</td> </tr> <tr> <td style="text-align: center;">3 </td> <td>OTL and BIM Josefien Vanhuysse, Neanex</td> </tr> <tr> <td style="text-align: center;">4 </td> <td>BIM Information standards for decentralized data management Marco van Onzen, ProRail</td> </tr> </tbody> </table>	1 	BIM as key to functional infrastructure design Christian von Normann and Marc Eschenbacher, Otimon	2 	Delivery of a digital twin for HS2 Rogier de Kwaadsteniet, Bentley	3 	OTL and BIM Josefien Vanhuysse, Neanex	4 	BIM Information standards for decentralized data management Marco van Onzen, ProRail
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14.30 – 15.15	0:45	Workshops round 2 <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="text-align: center; width: 30px;">1 </td> <td>Design authoring through iTwin Andreas Klemens Kjaergard, Niras</td> </tr> <tr> <td style="text-align: center;">2 </td> <td>Drones for bridge inspection Marlies van der Goot, ProRail</td> </tr> <tr> <td style="text-align: center;">3 </td> <td>Information Need on the Construction Site – case Deutsche Bahn Asse Boerties, Clone:it</td> </tr> <tr> <td style="text-align: center;">4 </td> <td>How digital wireless monitoring solutions could integrate with BIM systems to create digital twins Niels Juul, Railmonitor</td> </tr> </tbody> </table>	1 	Design authoring through iTwin Andreas Klemens Kjaergard, Niras	2 	Drones for bridge inspection Marlies van der Goot, ProRail	3 	Information Need on the Construction Site – case Deutsche Bahn Asse Boerties, Clone:it	4 	How digital wireless monitoring solutions could integrate with BIM systems to create digital twins Niels Juul, Railmonitor
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15.30 – 16.15	0:45	Workshops round 3 <table border="1"> <tr> <td>1 </td> <td> How to Use Generative Artificial Intelligence to generate powerful insights in Rail/Infrastructure engineering projects Edmundo Herrera, Autodesk and Kevin O'Connor, Parsons </td> </tr> <tr> <td>2 </td> <td> Predictive maintenance and BIM - Opportunities and challenges Jesper Westerberg, Predge </td> </tr> <tr> <td>3 </td> <td> Localisation of Assets Marc Pingoud, Rosenthaler + Partner AG </td> </tr> <tr> <td>4 </td> <td> Identifying research topics for developing BIM longer term capabilities Jelle van Luipen, ProRail </td> </tr> </table>	1 	How to Use Generative Artificial Intelligence to generate powerful insights in Rail/Infrastructure engineering projects Edmundo Herrera, Autodesk and Kevin O'Connor, Parsons	2 	Predictive maintenance and BIM - Opportunities and challenges Jesper Westerberg, Predge	3 	Localisation of Assets Marc Pingoud, Rosenthaler + Partner AG	4 	Identifying research topics for developing BIM longer term capabilities Jelle van Luipen, ProRail
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17.00 – 17.05	0:05	Final remarks of Day 1								
17.05 – 17.30	0:30	Check-in hotels								
17.30 – 22.00		Evening programme @the VR Room Amersfoort								

Day 2 – Wednesday 12 June 2025

Time	Duration	Programme item										
8.30 – 8.45	0:15	Walk-in										
8.45 – 9.00	0:15	Welcome and introduction of the programme for day 2										
9.00 – 09.45	0:45	<p>Workshops round 5</p> <table border="1"> <tr> <td>1 </td> <td>BIM cases, used at Schiphol Airport Guido de Wit, Movares</td> </tr> <tr> <td>2 </td> <td>Reality model using IMX in Trackbot positioning balises in track Wouter Groen, Strukton Rail</td> </tr> <tr> <td>3 </td> <td>Asset Master Data: How can the data architecture of your configuration data support maintenance planning, AI, ERTMS and European interoperability? Rein Lemmens, Kapernikov</td> </tr> <tr> <td>4 </td> <td>3D Unified OTL – an interactive panel discussion Robin de Rooy, HorEyeZon; René Wubbels, ProRail; Martijn Dekker, Sweco and Ron Rijkers, Movares</td> </tr> <tr> <td>5 </td> <td>5D BIM at SNCF Réseau (t.b.c.) Cédric Desbois, SNCF Réseau</td> </tr> </table>	1 	BIM cases, used at Schiphol Airport Guido de Wit, Movares	2 	Reality model using IMX in Trackbot positioning balises in track Wouter Groen, Strukton Rail	3 	Asset Master Data: How can the data architecture of your configuration data support maintenance planning, AI, ERTMS and European interoperability? Rein Lemmens, Kapernikov	4 	3D Unified OTL – an interactive panel discussion Robin de Rooy, HorEyeZon; René Wubbels, ProRail; Martijn Dekker, Sweco and Ron Rijkers, Movares	5 	5D BIM at SNCF Réseau (t.b.c.) Cédric Desbois, SNCF Réseau
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09.45 – 10.30	0:45	<p>Workshops round 6</p> <table border="1"> <tr> <td>1 </td> <td>Lessons learned when managing the Rail Baltica project, using BIM Urmas Alber, Rail Baltica</td> </tr> <tr> <td>2 </td> <td>BIM assisting advanced Asset Management for Trafikverket Niklas Nilsson, Vossloh</td> </tr> <tr> <td>3 </td> <td>Modular Design and Construction of Rail-Related Buildings and the Application of BIM Stijn Debets, ProRail</td> </tr> <tr> <td>4 </td> <td>Acting as Doctors Towards our Assets Karim El Laham, Fugro</td> </tr> <tr> <td>5 </td> <td>3D models and stations (t.b.c.) Rainish Lalaj, NS (Dutch Railways)</td> </tr> </table>	1 	Lessons learned when managing the Rail Baltica project, using BIM Urmas Alber, Rail Baltica	2 	BIM assisting advanced Asset Management for Trafikverket Niklas Nilsson, Vossloh	3 	Modular Design and Construction of Rail-Related Buildings and the Application of BIM Stijn Debets, ProRail	4 	Acting as Doctors Towards our Assets Karim El Laham, Fugro	5 	3D models and stations (t.b.c.) Rainish Lalaj, NS (Dutch Railways)
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10.30 – 10.45	0:15	Coffee break										
10.45 – 11.30	0:45	<p>Workshops round 7</p> <table border="1"> <tr> <td>1 </td> <td>BIM in the project Rotterdam Stadionpark Nicolas Carvajal, Haskoning</td> </tr> <tr> <td>2 </td> <td>Application of robotics in rail Thijs Cloosterman, ProRail and Peter Boom, Haskoning</td> </tr> <tr> <td>3 </td> <td>IFC Rail Feedback Process Stefan Reiser, SBB and Mathias Gubser, Rosenthaler + Partner</td> </tr> </table>	1 	BIM in the project Rotterdam Stadionpark Nicolas Carvajal, Haskoning	2 	Application of robotics in rail Thijs Cloosterman, ProRail and Peter Boom, Haskoning	3 	IFC Rail Feedback Process Stefan Reiser, SBB and Mathias Gubser, Rosenthaler + Partner				
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13.00 – 13.45	0:45	Lunch and networking		
13.45 – 14.00	0:15	Conclusions and Introduction for the technical tour		
14.00 – 16.00	2:00	Technical tour - Rotations of demos in groups <ul style="list-style-type: none"> - Tour of Railcenter premises - GeoNext demo: BIM inside = outside, Pointcloudscanning - SIM center - Trackbot Strukton - Clone:it demo 		
Legend		Workshop content is focussed on project life stages and indicated with icons: <ul style="list-style-type: none">  Design and Build  Operate and Maintain  Generic / across stages 		