

Monday, 3rd February

15.00 Excursions
19.00-21.00 Get together

Tuesday, 4th February

10:00 Opening session

Chaired by and Opening: Tommi Arola - buildingSMART Finland
Venue: Park Hall

10:00 Keynote

How do we Fundamentally Change the Perception of Construction on Planet Earth?
Fred Mills - The B1m



10:30 CLIENT'S VIEW FOR OPEN BIM - CASE FINNISH TRANSPORT INFRASTRUCTURE AGENCY
Tarmo Savolainen - Finnish Transport Infrastructure Agency, Juha Liukas - Sitowise

11:00 DEFRAGMENTING THE CONSTRUCTION INDUSTRY USING A DIGITAL PLATFORM
Jaan Saar - Ministry of Economic Affairs and Communications

11:30 CLIMBING THE BIM STAIR STEP BY STEP - SWEDISH TRANSPORT ADMINISTRATION IS ON THE MOVE
Peter Axelsson - The Swedish Transport Administration, Karin Anderson - The Swedish Transport Administration

12:00 HOW TO VALUATE 100+ BIM USE CASES? AND UPDATES ON SWISS BIM-PROCUREMENT
Odilo Schoch - Schoch Arch. Services LLC, Adrian Wildenauer - SBB AG

12:30 Lunch, Exhibition and Networking

13:30 Session 2 Railways and Tramlines 1

Chaired by: Marion Schenkwein - Sweco Infra & Rail
Venue: Park Hall

13:30 UTILIZATION OF BIM IN THE EARLY DESIGN PHASE, CASE ESPOO-SALO DIRECT RAILWAY CONNECTION
Annemari Kaaranka - Welado Oy
Valtteri Brotherus - WSP Finland Oy

14:00 BIM IMPLEMENTATION FOR THE RAIL BALTICA GLOBAL PROJECT - PHASE 1
Raitis Busmanis - RB Rail AS

14:30 IFC RAIL - ON TRACK AND WITH END STATION IN SIGHT
Peter Axelsson - The Swedish Transport Administration
Marion Schenkwein - Sweco Infra & Rail

14:45

Session 3 Technical Solutions 1

Tuomo Palomaa - Ramboll Finland Oy
Duetto 1

OPEN AND REAL TIME COST MANAGEMENT DATA TO INFRA SECTOR
Jani Myllymaa - Civilpoint Oy

BE READY FOR THE UPCOMING DIGITAL DATA DELIVERY STANDARD ICDD
Peter Imbrechts - Neanex Technologies

SUSTAINABILITY ASSESSMENT OF CONSTRUCTION PROJECTS USING EPDS AND THE INDATA NETWORK
Oliver Kusche - cloudEPD AS

Session 4 Roads and streets 1

Dominique Chevillard - Fédération Nationale des Travaux Publics
Duetto 2

ASSET INFORMATION MODEL FOR NYE VEIER - TRØNDELAG
Lars Vikström - Triona AB

SHARING RELATIVE CUT AND FILL INFORMATION TO WORKGROUPS AND SUPERVISORS IN 3D MACHINE CONTROL WORKSITES
Manu Marttinen - NCC Industry, Petri Niemi - Finnmap Infra Oy, Lauri Hartikainen - Pointscene.com

SPONSOR PRESENTATION BY HEXAGON

SPONSOR PRESENTATION BY INFRAKIT

Session 5 Utilities and distribution network

Tommi Henttinen - buildingSMART Finland
Sopraano

PARAMETRIC AS BUILT INFORMATION MODELLING FOR JET FUEL PIPELINES IN LATVIA
Janis Berkis - ITED
Igor Adlersbergs - ITED

BIM IMPLEMENTATION IN ELECTRICAL ENGINEERING SECTOR BY PROJEKTAI IR CO
Tomas Gudaitis - "Projektai ir Co", UAB
Vaidotas Šarka - InnoBIM, UAB

BIM STANDARD FOR POWER INFRASTRUCTURE AT PSE S.A. - POLISH NATIONAL TRANSMISSION SYSTEM OPERATOR
Jerzy Rusin - BIM Point

15:00 Coffee, Exhibition and Networking

15:45 Session 6 Roads and streets 2

Chaired by: Petteri Palviainen - Novatron Oy
Venue: Park Hall

15:45 RECENT DEVELOPMENTS OF IFC ROADS
Karin Anderson - The Swedish Transport Administration

16:15 BIM MODEL AS A BRAIN FOR INFRASTRUCTURE CONSTRUCTION PROCESSES - PROJECT A5 - BYPASS OF DRASENHOFEN
Martin Kriz - Strabag AG

16:45 CASE SIENIKUJA STREET IMPROVEMENT IN CITY OF OULU: ASSET OWNER USING OPENBIM PLATFORM IN INFRA DESIGN AND CONSTRUCTION PHASE
Ilkka Tieaho - Infrakit Group Oy
Olli Planting - Destia

17:15 IMPLEMENTATION OF OPEN BIM IN CITIES
Tiina Perttula - Ramboll Finland Oy

Session 7 Bridges, tunnels and structures 1

Christophe Castaing - Egis
Duetto 1

BIM FOR BRIDGES & STRUCTURES: CREATING IFC-BASED LIFECYCLE DATA MANAGEMENT STANDARDS FOR THE U.S.A.
Jeffrey Ouellette - jo consulting

CLASSIFICATION OF BRIDGES BASED ON LINKED DATA AND SEMANTIC WEB TECHNOLOGY
Jan Erik Hoel - buildingSMART Norge

BIM INFRASTRUCTURE: IMPLEMENTING BIM FUNCTIONS AND SCAN-TO-MODELLING REQUIREMENTS FOR THE MANAGEMENT OF BRIDGE STRUCTURES
Fabrizio Banfi - Politecnico di Milano

PAVING THE WAY FOR A MAJOR PROJECT IN LITHUANIA WITH OPENBIM
Domas Česna - TEC Infrastructure

Session 8 Geotechnic

Juha Liukas - Sitowise
Duetto 2

GEOLOGICAL AND GEOTECHNICAL MODEL IN BIM
Rie Kudoh - OYO Corporation

IDBE GEOTECH: THE BSI AND OGC COLLABORATION FOR GEOTECHNICAL DATA STANDARDIZATION
Mickael Beauflits - French Geological Survey (BRGM)

COCLASS FOR GEOTECHNICAL OBJECTS - 3 GEOBIM PILOT PROJECTS IN SWEDEN
Mats Svensson - Tyréns AB

UTILIZING INFRABIM FOR EMBANKMENT SETTLEMENT ANALYSIS
Aatu Eteläsaari - Sitowise Oy

Session 9 Ports and Waterways

Tommi Arola - buildingSMART Finland
Sopraano

INTEROPERABILITY IN PORTS BIDDING
Stefania Correa - Andrade Gutierrez Engenharia

BIM FOR MAINTENANCE AND OPERATION OF WATERWAY INFRASTRUCTURE - THE PROJECT 'NEW LOCK TRIER'
Ralf Becker - RWTH Aachen University, Sigfrid Knapp - Federal Waterways Engineering and Research Institute

LENGTHENING OF THE SAIMAA CANAL LOCKS, A BIM LEARNING EXPERIENCE FROM THE DESIGNER'S PERSPECTIVE
Mikael Stening - FCG Design and Engineering Ltd

OPEN BIM TOOL TO FAIRWAY AND HARBOR CONSTRUCTION PROJECTS - CASE: DEEPENING KOKKOLA FAIRWAY AND HARBOR PROJECT
Eero Lyytikäinen - Civilpoint Oy

18.30-20.00 City reception at Tampere City Hall

infra BIM OPEN TAMPERE 2020

infra BIM OPEN TAMPERE 2020

Wednesday, 5th February

09:00	Session 10 Education	Session 11 Railways and tramlines 2	Session 12 Roads, streets & urban areas	Session 13 Industry 4.0
Chaired by: Venue:	Pasi Joensuu - Infrakit Group Oy Park Hall	Tarmo Savolainen - Finnish Transport Infrastructure Agency Duetto 1	Tuomas Hörkkö - Pointgroup Oy Duetto 2	Charles-Edouard Tolmer - Eurovia Sopraano
09:00	IMPLEMENTING OPEN INFRABIM TO FINNISH CONSTRUCTION EDUCATION SYSTEM Miika Kostamo - Novatron Oy	HOW EGIS FEDERATES PROJECT TEAMS AROUND THE OPEN BIM COLLABORATION - THE EXAMPLE OF A TRAMLINE EXTENSION IN MARSEILLE Nicolas Ferrara - Egis, Jérémie Huet - Egis	BCF (BIM COLLABORATION FORMAT) IN ROAD DESIGN REVIEW Daniel Söderlindh - Swedish Transport Administration	BRIDGE INSPECTION USING AUGMENTED REALITY Päivi Puntila - Trimble Solutions Oy
09:30	THE EXPERIENCE OF THE SECOND LEVEL MASTER TO BE QUALIFIED AS INFRABIMANAGER Arianna Fonsati - Politecnico di Torino Anna Osello - Politecnico di Torino	BENCHMARKING CURRENT STATUS, EXPECTATIONS AND GOALS OF BIM UTILIZATION AT RAILWAYS IN THE NORDICS AND CENTRAL EUROPE Marion Schenkwein - Sweco Infra & Rail Marc Pingoud - Rosenthaler + Partner AG	TAMPERE TRAVEL AND SERVICE CENTRE: A FUNCTIONAL WAY TO MANAGE INFORMATION Tia Kokkonen - Sitowise Oy Arla Hillner - Sitowise Oy	THE BUSINESS CASE FOR 3D PRINTABLE BUILDINGS: AN APPROACH TO GROWTH-POSITIVE LOW-EMISSION CITIES Gaurav Das - Renotech Oy
10:00			SPONSOR PRESENTATION BY TOPCON EUROPE POSITIONING	OPEN INFRA BIM INTEGRATED AUTONOMOUS EXCAVATOR Rauno Heikkilä - University of Oulu

10:30 Coffee, Exhibition and Networking

11:00	Session 14 Bridges, tunnels and structures 2	Session 15 Technical Solutions 2	Session 16 Standards and guidelines	Session 17 Effectivity and continuity through digitalization
Chaired by: Venue:	Pasi Joensuu - Infrakit Group Oy Park Hall	Duetto 1	Tomi Henttinen - buildingSMART Finland Duetto 2	Annemari Kaaranka - Welado Oy Sopraano
11:00	TUNNEL INSPECTION AND ASSESSMENT USING 3D VISUALIZATION AND DEEP-LEARNING BASED DAMAGE DETECTION Mami Enomoto - Public Works Research Institute (PWRI)	BEYOND BIM: MULTI-STANDARD DIGITALISATION Bart Luiten - TNO	FUTURE OF INFRAMODEL DEVELOPMENT Tuomo Palomaa - Ramboll Finland Oy Pekka Saarinen - AFRY Finland Oy, Jarkko Sireeni - xD Visuals Oy	ROADMAP TO DIGITALIZATION ENABLED PRODUCTIVITY IN INFRASTRUCTURE SECTOR Kaisu Laitinen - Tampere University Majju Örmä - Tampere University
11:30	BIM WORKFLOW IN A MODEL BASED BRIDGE PROJECT, HIGHWAY 4 KIRRI-TIKKAKOSKI Eetu Partala - Sweco, Markku Savola - Destia	BIM+ERP INTEGRATION Janis Goldmanis - UPB	DIGITALLY ENABLED WORKFLOWS FOR SITE, LANDSCAPE, AND URBAN PLANNING Vilma Pylkkö - Ramboll Finland Oy	COMPUTATIONAL DESIGN AND BIM TOOLS FOR BIG INFRASTRUCTURAL PROJECTS Christian Pallaria - Geodata Engineering S.p.A.
12:00	BIM FOR COMPLEX BRIDGES Atte Mikkonen - SOFi Consulting	EFFECTIVE MODEL-BASED INFORMATION EXCHANGE BETWEEN THE DESIGN PHASE AND THE PRODUCTION PHASE Olof Friberg - Tyréns AB Peter Westerman - Infrakit Group Oy	SPONSOR PRESENTATION BY NOVATRON	USING OPEN DATA AND ASSET-OWNER DATA TO OPTIMIZE BIM PROJECTS Sebastian Brunner - DB Engineering & Consulting
12:15			UTILIZING DIGITAL CITY TWIN IN ASSET MANAGEMENT Mike von Wehrt - Trimble Solutions Corporation	

12:30 Lunch, Exhibition and Networking

13:30	Session 18 - Closing session
Chaired by: Venue:	Tiina Perttula - Ramboll Finland Oy Park Hall
13:30	THE DANISH RAIL & ROAD COLLABORATION AROUND THE DIGITAL TRANSFORMATION - UPDATE Gita Monshizadeh - Banedanmark, Rasmus Lynge Fuglsang - Danish Road Directorate
14:00	MINND : THE FRENCH NATIONAL RESEARCH PROJECT FOR BIM FOR INFRASTRUCTURE Christophe Castaing - Egis
14:30	Keynote Increasing the productivity of infra sector with digitalization Kalle Vaismaa - Tampere University
15:00	CLOSING REMARKS AND ANNOUCEMENT OF INFRABIM OPEN 2021

