Monday, 18th September
Orientation Day – Tallinn
20:00–22:00 Evening Get-together
- Starts from Tallink Spa & Conference Hotel (Sadama 11a)
- Walking together to Metsiis drinkery (Telliskivi 60m)
- Networking with participants (drinks at own cost)

Tuesday, 19th September
Summit Day 1 – Tallinn

All times are EEST

VENUE MAIN + STREAM 1
9:00
DOORS OPEN, COFFEE + WDBE SPEED MEETS

10:00
Opening of the Summit
Hosted by Hele-Mai Metsal (Estonian Digital Construction Cluster) & Jaan Saar (Ministry of Climate of Estonia)

10:30
Keynote Session
KEYNOTE 1 MIGUEL NIGORRA ESTEBAN, FIFTH WALL (UK)
“INVESTING IN BUILT WORLD TECH”
KEYNOTE 2 SEBASTIEN MICHAUD, FOUNDAMENTAL (GER)

11:10
Shared Q&A

11:30
Lunch Break + WDBE Speed Meets

VENUE MAIN + STREAM 1
12:30
COMMUNITY SESSION 1
Sustainability through Building Information Modeling

Venue Side + Stream 2

VENUE SIDE + STREAM 2

12:30
PARTNER SESSION 1
– Hosted by EU BIM Task Group & Horizon Europe Projects
BIM–based Building Permitting and Environmental Compliance Checking

Enhanced compliance checking through integrated geoinformation with BIM
Francesca Noardo, Open Geospatial Consortium (Belgium)

BIM–based Building Permitting and Environmental Compliance Checking,
Rita Lavikka, VTT (Finland)

BRIS–Vienna, an openBIM building permit process
Christian Schranz, TU Wien (Austria)

RAVA3PRO – National development project for the further development and automation of the permit process of municipal building control
Anna-Keranna Kallinen, ARKCON (Finland)

Session continues on next page!
13:30 COMMUNITY SESSION 2
Collaboration Platforms to Accelerate Sustainability

# CONTRACTORS # CITIES AND MUNICIPALITIES # ENGINEERS AND CONSULTANTS

The Open Urban Platform - A smart way to collaborate
Rick Klooster, Future Insight (The Netherlands)

Using advanced technologies to reduce the carbon footprint of infrastructure - A case study on the One-Hour Train project in Finland, Renaud de Montaignac, ORIS (France)

Challenges of measuring and reporting on CSR and ESG – GSES platform as an example of best practice, Oriane Wiser, Global Sustainable Enterprise System (The Netherlands)

Configuring a Sustainable Future: The Role of 3D Technology
Daniel Nael, Wenteure OU

Shared panel discussion (20 min)

PARTNER SESSION 1 – CONTINUES
– Hosted by EU BIM Task Group & Horizon Europe Projects
BIM-based Building Permitting and Environmental Compliance Checking

# ARCHITECTS # CITIES AND MUNICIPALITIES # ENGINEERS AND CONSULTANTS

Placing Clearly. BIM in the environment
Linn Koeman, Future Insight (The Netherlands)

Research activities in the European Network for Digital Building Permits (EUnet4DBP) Judith Fauth, TU Wien (Austria)

BIM-based building permit developments in Estonia
Christopher-Robin Raitviir, Estonian Ministry of Economic Affairs and Communications (Estonia)

Implementing BIM to a digital permitting process
Ilkka Mattila, Cloudpermit (Finland)

Shared panel discussion

14:30 Coffee Break + WDBE Speed Meets

15:00 COMMUNITY SESSION 3
Investing in Sustainability

# PROPERTY OWNERS # ARCHITECTS # PROPERTY MANAGERS AND SERVICE PROVIDERS

Improving Sustainability with the National Digital Twin of Estonia, Jaan Saar, Ministry of Climate of Estonia (Estonia)

Reinventing Unito – Digital Diffuse Campus University of Turin for a sustainable and inclusive learning environment, Lavinia Chiara Tagliabue, University of Turin (Italy)

Investment case of city scale wind power, Ari Laitala, Sykli (Finland)

Hacking Digital Construction
Baltic AEC Hackathon pitches - SimsalaBIM and Creatomus
E-leap Innovation Program, Regina Viljasaar-Frenzel, Ministry of Climate and Kaia Kirs, Reminet

Shared panel discussion (20 min)

16:00 Keynote Session

KEYNOTE 3 MARZIA BOLPAGNI, MACE GROUP (UK)
“TECHNOLOGY AND ETHICS FOR A SUSTAINABLE BUILT ENVIRONMENT”

KEYNOTE 4 DANIEL HALL, TU DELFT (NL)
“DECENTRALIZED INFORMATION MANAGEMENT FOR CIRCULAR FUTURE CITIES”

Shared Q&A

17:00 Closing of the Day 1
Wednesday, 20th September
Summit Day 2 – Helsinki

All times are EEST

VENUE MAIN + STREAM 1
8:00
DOORS OPEN, COFFEE + WDBE SPEED MEETS

9:00
Opening of the Summit
Hosted by Tuija Pakkanen (VTT) & Teemu Lehtinen (KIRAHub)

9:20
Keynote Session
KEYNOTE 5 BJ SIEGEL, JUNO (US)
"THE POWER OF DESIGNING HOUSING AS A CONSUMER PRODUCT"

KEYNOTE 6 MICHELLE XUEREB, BDP QUADRANGLE (CA)
"BUILDING RESILIENCE IN THE AGE OF ACCELERATION"
Shared Q&A

10:20
Coffee Break

VENUE MAIN + STREAM 1
VENUE SIDE + STREAM 2

10:30 COMMUNITY SESSION 4
Emerging Technologies

PROPERTY OWNERS CONTRACTORS
PROPERTY MANAGERS AND SERVICE PROVIDERS

The architect 2.0. How generative design and design for reuse are shaping the way architects design, Margherita Lisco, Lund University (Sweden)

Sustainable Real Estate using Virtual Reality for Housing Evaluation, Athira Azmi, Universiti Putra Malaysia (Malaysia)

COMM’BOT – Automated robotic solution used for the measurement of comfort and operating conditions of building equipment, David Corgier, MANASLU Ing. (France)

Low-carbon foundations – Making sustainable concrete infrastructure, Fernando De los Rios, Hyperion Robotics (Finland)

Metaverse in built environment, Tuija Pakkanen, VTT (Finland)

Shared panel discussion (20 min)

11:30 Lunch Break + WDBE Speed Meets

VENUE SIDE + STREAM 2

PARTNER SESSION 3 – Hosted by Urban Hub Europe
Urban Partnerships across Europe

CITIES AND MUNICIPALITIES CONTRACTORS
ENGINEERS AND CONSULTANTS

What is Urban Hub Europe? How can UHE network support the industry?

Presentation of each partner

KIRAHub (Finland)
BLOXHUB (Denmark)
ConTech Lab (Denmark)
Digital Construction Cluster (Estonia)
Nordic Edge (Norway)
Munich Urban Colab (Germany)
Smart City Cluster (Spain)
Discussion and Q&A
12:30

Community Session 5

Digital City Planning

CITIES AND MUNICIPALITIES | RESEARCHERS
SOFTWARE AND TECHNOLOGY PROVIDERS

Creating Interoperability for the National Core Data Services, Antti Jakobsson, National Land Survey of Finland (Finland)

Urban data platforms – how to ensure flow of critical information (in Smart Cities), Anu Soukki, Sitowise (Finland)

Reimagining the future of our cities with UrbanistAI
Damiano Cerrone, UrbanistAI (Finland)

Creating and using nationally interoperable plan data in Finland: Envisioning the future of planning support
Pilvi Nummi, Asiantuntijat n+1 Oy (Finland)
Anni Hapuoja, Et May Oy (Finland)

Shared panel discussion (20 min)

13:30

Community Session 6

Smart and Sustainable Buildings

PROPERTY OWNERS | CONTRACTORS
PROPERTY MANAGERS AND SERVICE PROVIDERS

The Smart Buildings Alliance for Smart Cities – How to outpace the traditional silo working between companies and associations,
Jean-Christophe Vanderhaegen, Embuild (Belgium)

User-centeredness at the heart of better future building.
Laura Remes, Ramboll Finland (Finland)

Go green with digital twins!
Frank Rust, Framence GmbH (Germany)

Healthy Building, Maria Begouleva, PMtech IT OU (Estonia)

Sustainability performance of office buildings – A model for measuring the environmental impact based on Ecological Footprint index, Alice Paola Panni, Politecnico di Milano (Italy)

Shared panel discussion (20 min)

14:30

Coffee Break + WDBE Speed Meets
15:00 COMMUNITY SESSION 7
Sustainable and Energy-efficient Cities

PROPERTY OWNERS  GOVERNMENT  CITIES AND MUNICIPALITIES

Making Sustainability Achievable for the Built Environment Life Cycle through BIM Standardisation, Annina Lehikoinen, buildingSMART Finland (Finland)

Strategic Implementation of Scenario-Based Modelling to Optimize Site Energy Systems by Service Operations – An Innovative Approach to Achieving Sustainable Energy Efficiency, Richa Srivastava, Hochschule für Technik und Wirtschaft Berlin (HTW) (Germany)

Tackling Climate Challenges with Deep-Tech Solutions – Caidio’s Research on Sustainable Concrete Projects in the European Union and China, Aku Wilenius, Caidio (Finland)

Sustainable Urban Food production – How new innovations enable system-level-benefits, Panu Miettinen, Aalto University / Vacuum Insulation Solutions Oy (Finland)

Shared panel discussion (20 min)

16:00 VENUE MAIN + STREAM 1
Keynote Session

KEYNOTE 7 – PALLAVI MOHAN, NVIDIA (GER)
“DIGITAL TWINS FOR SUSTAINABILITY WITH NVIDIA OMNIVERSE”

KEYNOTE 8 – MATTI KUITTINEN, AALTO UNIVERSITY (FIN)
“The Role of Digitalization for Building within Planetary Boundaries”

Q&A

17:00 Closing of the Day 2

Awards Party – Helsinki (Maria 01, Lapinlahdenkatu 16)

All times are EEST

VENUE MAIN + STREAM 1
DOORS OPEN – LIGHT FOOD, DRINKS & NETWORKING

19:30 Awards Party Welcoming Words

19:45 Awards Party Keynote

KEYNOTE 9 – MATTI RÖNKKÖ, KIILTO VENTURES (FIN)
“While the planet is warming up, why are we solving the problems of the last mile?”

20:00 Announcing the Winners

CATEGORY 1: Best research for digital built environment
CATEGORY 2: Most advanced digital twin
CATEGORY 3: Most collaborative use of data
CATEGORY 4: Most impactful digital act for sustainability
CATEGORY 5: Most innovative digital project delivery
CATEGORY 6: Most promising digital solution

22:00 Reception Ends