

8TH ANNUAL CONSTRUCTION SUMMIT

EXPLOITING TECHNOLOGY & INNOVATION FOR OPTIMAL
CONSTRUCTION SUSTAINABILITY, EFFICIENCY & SAFETY

HOTEL RIU PLAZA | BERLIN, GERMANY



12-13 June 2025

CHAired BY



Mojca Gregor
Digital PM – BIM Lead,
Germany & Austria
Turner & Townsend



Oliver Glockner
Head of Innovation
Hilti Group



SPEAKER LINE-UP



**Mili Myrteza
Terstena**
Global Head of Automation
Ramboll



Ismo Tiittanen
Head of Strategy & Development,
Building Nordics Finland
NCC



Gary McLuskey
Global Design
Managing Director
Greystar



Juha Vihma
Sustainability Director
Architecture and Urban Design
Sweco Finland



Amir Aghazadeh
BIM Manager
Chapman Taylor



Anders Rod
Associate Partner
Foster + Partners



Mohammad Naser Alkhatib
BIM Lead in
Project Management
Arcadis



Lukasz Platkowski
Architect and
Managing Director
Gensler



**Victor Martinez
Pacheco**
R+D+i Department
Cementos La Cruz



Fernando Valdivieso
Directeur Innovation
– Operations Apex
Pomerleau



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12-13 June 2025

We are pleased to announce the return of the **8th Annual Digital Construction Summit** that will take place on the **12th and 13th of June** in **Berlin, Germany**. This edition will delve into cutting-edge technologies, sustainable building practices, effective workforce management, and strategies to optimize project delivery and operational efficiency. The summit will bring together industry experts from global brands to discuss smart infrastructure, BIM, IoT, AR/VR applications, green construction methods, AI-powered solutions, and other emerging trends shaping the future of the construction sector. Join us to learn, network, and be inspired by groundbreaking developments driving the industry forward!

Key Practical Learning Points

- Identifying Key Areas of Growth and Potential Opportunities in Construction
- Implementing BIM to Enhance Project Visualization, Coordination, and Management
- Enhancing Efficiency with Innovative Scheduling & Planning Techniques
- Unveiling Innovative Strategies for Climate Adaptation and Resilient Infrastructure Design
- Investigating Innovative Methods of Digital Twin Implementation in Project Management
- Leveraging AR/VR for Design and Training
- Understanding the Current Advancements in Robotics and Their Practical Applications
- Mastering the Art of Applying Circular Economy Principles in Construction Projects
- Discovering How Data Analytics Benefit Predictive Maintenance

Take a Look at the Past Edition



Previous Attendees Include



Venue

HOTEL RIU PLAZA BERLIN



Martin-Luther-Straße 1, 10777 Berlin, Germany
hotel.plazaberlin@riu.com | +49 30 2809000

Who Should Attend

This summit will gather together CEOs, CDOs, CTOs, CIOs, VPs, Directors, Heads, Managers, Leads and other Senior Level Executives dealing with:

- Project Management
- Construction Management
- ICT Planning & Development
- Innovation & Digitization
- Virtual Project Delivery
- VDC/BIM Practices
- AR/VR Emerging Technologies
- Big Data & Advanced Analytics
- Computational Design - Digital Twin
- Digital Products & Services
- Sustainability
- and Others!

08:30 Check-In and Welcome Coffee ☎

09:00 Opening Address from the Chair

09:10 "Breaking the Ice" Speed Networking Session

Meet your colleagues, exchange business cards and have a maximum number of 1-on-1 talks in a short amount of time! Our Speed Networking session will help you to form those initial relationships early, find out who is facing the same challenges as you and get a nice preview of what a longer conversation could bring!

FROM VISION TO REALITY: MASTERING PROJECT DELIVERY AND EXCELLENCE

09:50 SPONSORSHIP SLOT



Optimizing, Scheduling, Planning and Overall Efficiencies Through Digital Construction Technologies

Digital construction technologies are transforming scheduling and planning in the industry. This presentation will explore tools like Building Information Modeling (BIM), advanced project management software, and IoT devices to optimize workflows. These technologies help improve project timelines, reduce delays, and enhance resource allocation. Key benefits include real-time collaboration, predictive analytics for risk management, and better communication among stakeholders, leading to more efficient project execution, cost savings, and increased productivity.

10:30 Case Study: 🔍

AI-Assisted Progress Monitoring in Construction: Is It Time to Remove People from the Equation?

- Prerequisites for using AI tools in progress monitoring
- Use cases and benefits for using AI
- How to integrate digital tools into project management practices
- Replacing people with technology – is the Skynet here already?

Ismo Tiittanen

Head of Strategy & Development,
Building Nordics Finland
NCC



11:10 Morning Coffee and Networking Break ☕

11:40 Case Study: 🔍

Hilti's Approach for Maximizing Jobsite Productivity

- Discover Hilti's innovative approach to maximizing jobsite productivity in the construction industry
- Gain insights into the evolution from providing superior tools to offering comprehensive solutions, including measuring systems, services, and software
- Learn about the strategic expansion and how Hilti serves as a project partner, not just a service provider
- Understand Hilti's focus on direct customer relationships to redefine productivity and partnership in construction

Oliver Glockner

Head of Innovation
Hilti Group



12:20 Case Study: 🔍

Bridging the Gap: Integrating BIM, GIS, and Digital Twin in Construction

- The role of BIM and GIS in creating a unified digital framework.
- Practical applications of Digital Twins in construction management.
- Challenges and solutions in implementing cutting-edge technologies for construction management.

Fernando Valdivieso

Directeur Innovation – Operations Apex
Pomerleau



13:00 Business Lunch 🍽

TECH-POWERED INNOVATION IN CONSTRUCTION

14:00 Case Study: 🔍

Strategies for Reducing Risks and Costs Associated with Implementation of Modern Technologies in Construction

Join this presentation to explore how to balance innovation and cost in deploying modern technologies. Discover key strategies for managing risks, minimizing expenses, and making informed decisions for successful technology integration. This session is ideal for leaders and professionals aiming to navigate the complexities of modern technology with confidence and efficiency.

Mohammad Naser Alkhatib

BIM Lead in Project Management
Arcadis



14:40 Case Study: 🔍

From Cradle to the Grave- BIM Models as the Only Source of "Truth" in Drawing Free Projects & Spatial Visualization of Models by Using AR

Have you ever wondered why we think and design in 3D (x, y, and z) but present it as 2D drawings? While many large companies have adopted BIM models and moved toward drawing-free projects, municipalities continue to pay for drawings throughout all project phases. This case study demonstrates how we helped a municipality transition to model-based design and engage in Integrated Concurrent Engineering (ICE) meetings. Another challenge for engineers in infrastructure is the limited customer engagement in creating a shared vision for project delivery. It can be difficult to excite people about projects that don't yet exist. While BIM models help clarify projects, they still require training to interpret. With AR, we can enhance understanding by allowing users to visualize objects in their surroundings, providing a tangible feel for spaces before they are built.

Mili Myrteza Terstena

Global Head of Automation
Ramboll



15:20 Afternoon Tea and Networking Break ☕

15:50 Case Study: 🔍

Digital Twin Processes for Construction and Operation of Smart Buildings

Digital twins based on spatial information and real-time and historic IoT data have the potential to change the way we design, construct, operate, and experience buildings. Developing and managing such a system is complex and requires automated processes for keeping digital assets up to date with their physical counterparts. Foster + Partners is a global studio for sustainable architecture, urbanism, engineering, and design, founded by Norman Foster in 1967. In this session, Anders will discuss how Foster + Partners has automated reality capture for Scan-to-BIM with Boston Dynamics' Spot robot, and how the practice is using their London campus as a testbed for developing and deploying digital twin technologies.

Anders Rod

Associate Partner
Foster + Partners




16:20 Panel Discussion 🗣

Unlocking Construction's Digital Revolution: Smarter, Safer, and More Efficient Projects

The construction industry is being transformed by digital technologies like BIM, IoT, and advanced project management software. This panel will explore how these innovations improve project planning, safety, and resource optimization. Real-world case studies will highlight the benefits of real-time data, collaboration, and predictive maintenance, showing how digital solutions drive efficiency, cost savings, and productivity in construction.

17:00 Chair's Closing Remarks and End of Day 1

18:00 Networking Dinner 🍷

08:30 Check-In and Welcome Coffee 

09:00 Day Two Opening Remarks from the Chair

SUSTAINABLE PRACTICES IN MODERN CONSTRUCTION

09:10 SPONSORSHIP SLOT



Reducing Waste and Maximizing Resources in Construction with the Help of Digital Tools

Join this presentation to explore how digital tools are revolutionizing waste reduction and resource maximization in construction. Discover advanced technologies and software enhancing material management efficiency while minimizing waste. Learn about the economic and environmental benefits of integrating these digital solutions, such as cost savings and enhanced sustainability. Real-world case studies will illustrate successful implementations, providing insights into leveraging digital tools for optimizing resources and achieving more efficient construction practices.

09:50 Case Study: 

Heatwave Challenges and Resilience in Nordic Climate

Europe is experiencing temperatures rising at twice the global average rate, and heat-related mortality has increased by around 30% in the past 20 years. The urban heat island effect worsens this, causing cities to face even higher temperatures than rural areas.


Sweco conducted a study on 24 European cities to assess their preparedness for heatwaves. The study analyzed climate resilience policies and heatwave data, focusing on six primary case study cities, including Helsinki.

The presentation will showcase the results of the study. In addition, it will analyze the special challenges of the Nordic climate, as heatwave days are increasing, and the winters still set requirements for heat storage, thermal insulation and reduction of heat losses.

Juha Vihma

*Sustainability Director
Architecture and Urban Design
Sweco Finland*



10:20 Morning Coffee and Networking Break 

10:50 Case Study: 

Resilient Futures: Decarbonising the Built Environment to Accelerate the Path to Net Zero

The built environment is responsible for 40% of global carbon emissions. In order to accelerate the path to net zero, the industry needs to focus on radical changes to the design process as we seek to decarbonise the built environment. This presentation will explore strategies including:

- Design for disassembly
- Carbon tracking
- Regenerative design
- The role of AI

Lukasz Platkowski

*Architect and Managing Director
Gensler*



11:20 FIRESIDE CHAT 

Achieving Green Building Excellence by Leveraging Sustainable Materials

As digital innovation reshapes the construction industry, sustainability must remain at the heart of progress. This fireside chat will explore how the strategic use of sustainable materials, combined with digital technologies, is revolutionizing green building practices. Join to discuss the latest advancements in eco-friendly materials, their integration into digital workflows, and how data-driven approaches enhance efficiency while minimizing environmental impact.

FUTURE-READY CONSTRUCTION: INNOVATIONS SHAPING TOMORROW'S INFRASTRUCTURE

12:00 Case Study: 

Exploring Exciting Developments in Sustainable Materials for Construction

- Staying compliant with regulatory governance for sustainable materials
- Driving innovation through the development of new solutions
- Investigating the potential of biomaterials as sustainable construction alternatives
- Utilizing composites for reducing environmental impact
- Improving procurement strategies for sustainable resource acquisition

Speaker TBC

12:40 Business Lunch 

13:40 Case Study: 

3D Printing of Concrete as Revolution in the Digital Construction in the Present Future

- Explore how 3D printing of concrete is revolutionizing the construction industry by enabling faster, more efficient building processes
- Understand the technological advancements driving this innovation and their impact on design flexibility and structural integrity
- Discover real-world applications and case studies demonstrating the practical benefits and challenges of implementing 3D concrete printing
- Learn about the future potential of 3D concrete printing in shaping sustainable, cost-effective construction practices

Victor Martinez Pacheco

*R+D+i department
Cementos La Cruz*



14:20 Case Study: 

Design in the Age of AI

How will new software tools impact building design? What effects will they have on consultant teams and approval processes? This presentation will explore each stage of the design process, highlighting emerging software in the field and its potential to transform our approach to building design.

- Feasibility Studies
- Scheme Design
- Detailed Design
- Construction Documents
- Operations and Maintenance

Gary McLuskey

*Global Design Managing Director
Greystar*



15:00 Case Study: 

Unlocking Efficiency: BIM, Modular Design and Off-Site Construction

- Enhanced Efficiency and Accuracy: Leveraging BIM in modular design ensures precise planning and coordination, reducing errors and rework in off-site projects
- Cost and Time Optimization: BIM-supported off-site construction reduces build time and costs through prefabrication in controlled environments
- Sustainability and Waste Minimization: BIM in modular construction enhances sustainability by optimizing materials and minimizing waste through precise modeling and prefabrication
- Safety and Quality Assurance: Off-site construction improves worker safety and quality, with BIM offering virtual models to ensure compliance with design and regulations

Amir Aghazadeh

*BIM Manager
Chapman Taylor*



16:00 Chair's Closing Remarks and End of Summit

SPOTLIGHT ON OUR SPEAKERS

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Mojca Gregor
Digital PM – BIM Lead, Germany & Austria
Turner & Townsend

Some would say she is a BIM specialist; others would argue her specialities are digital project and knowledge management, however both would be right. Mrs Mojca Gregor is an accomplished technology consultant, with more than 10 years of experience in industry and academia. Her background as a Master of Engineering - IT specialist in Construction management and a PhD candidate in the files of ontology supported BIM workflow optimization, gives her a unique insight and a futuristic view of the digital construction industry. Additionally, as part of Turner & Townsend Plc she has worked on some of the largest projects using BIM technology in the world. Seeing and experiencing both side of the fence as former BIM Manager and designer, covering industries from infrastructure to security design, and becoming the client-side BIM advisor for implementation and delivery, complements the rich academic knowledge with real life design and construction suitability and applicability. Always on the hunt for issues, challenges and failures with BIM, software, and construction process. Only from failure a better process, software and technology can be born.



Lukasz Platkowski
Architect and Managing Director
Gensler

As Managing Director of Gensler Berlin, Lukasz provides leadership and strategic direction on multidisciplinary projects for a wide range of clients. A Design Principal and registered architect with over 20 years of experience, Lukasz is passionate about designing for resilience, enhanced experience and performance, and client value. Lukasz has led projects that are changing industry standards and redefining what constitutes 'benchmark' design throughout the U.K., Europe, the Middle East, and North Africa. He brings deep experience in all building sectors to contribute pioneering designs to the cityscape, driven by human-spatial needs.



Anders Rod
Associate Partner
Foster + Partners

Anders Rod is an associate partner in Foster + Partners' Applied Research and Development group, where he oversees design and development of systems for smart buildings and cities and digital twins. He has a background in computational design and holds a M.Eng. in the field of Architecture from the University of Tokyo. Anders is a member of the Danish Association of Architects and is a WiredScore and SmartScore accredited professional.



Ismo Tiittanen
Head of Strategy & Development,
Building Nordics Finland
NCC

Ismo Tiittanen is a Strategy Director at NCC with broad experience of strategy development and business transformation in the Real Estate and Construction industries. He has led strategic change initiatives in fields of sustainability, operating model change, post-merger integrations and ERP implementation in Nordic publicly listed corporations. For the past 10 years, he has been driving sustainable and digital ways of working in construction as an executive sponsor and decision-maker.



Gary McLuskey
Global Design Managing Director
Greystar

Mr. McLuskey is an RIBA chartered architect with over 25 years of experience in urban design and large-scale residential development. As the Global Design Managing Director at Greystar, he lead Greystar's design group and the company's global design vision, strategy, and innovation across 17 countries. Greystar's purpose is to ensure that each residential community successfully integrates into the local neighborhood and meets the aspirations of its residents. Collaborating closely with local teams, they provide design support to translate its vision into successful, impactful environments that resonate with residents and stakeholders alike. Prior to joining Greystar, Mr. McLuskey worked as a strategic design advisor on a large number of masterplans and residential-led developments in and around London, delivering successful communities in collaboration with internationally renowned architecture practices. Mr. McLuskey is inspired by innovative solutions to complex challenges that help projects realize their full potential, successfully aligning resident experience with investment strategies.



Mohammad Naser Alkhatib
BIM Lead in Project Management
Arcadis

Architect with a master's degree in Sustainable Buildings, expert in BIM and modern technologies, with over 15 years of experience in BIM and modern technologies across all project phases. Worked in various countries in the field of modern technologies. Has ten years of experience applying BIM in Germany on major projects from design to execution and operation, considering German and international laws and regulations. Leading the BIM team in the project management department at Arcadis for over a year, we provide our clients with the best expertise and consultancy in BIM application and integrate global and local expertise at Arcadis to achieve optimal results in partnership with Autodesk.



Fernando Valdivieso
Directeur Innovation – Operations Apex
Pomerleau

Fernando Valdivieso, M. Ing., Ing., is an accomplished Innovation Director at Pomerleau. He has extensive experience integrating cutting-edge technologies, such as BIM, VDC, GIS, and Digital Twins, into construction management. He has led groundbreaking initiatives, including implementing drone surveys, 4D simulations in game engines, integrating GIS, BIM, and IoT for real-time project monitoring, and leveraging tools like Speckle and Power BI for data-driven decision-making. His leadership contributed to the success of many Canadian Landmark projects, particularly at the REM project, where he managed over 1500 models and delivered North America's first railway LOD 500. Fernando holds the position of lecturer at École de Technologie Supérieure (É.T.S.) and has participated in numerous scholarly publications. Proficient in French, English, and Spanish, Fernando is driven by the desire to foster technological advancement within the architecture, engineering, and construction sector.



Juha Vihma
Sustainability Director Architecture and Urban Design
Sweco Finland

Juha Vihma works as a sustainability director for Architecture and Urban Planning division in Sweco Finland. His work focuses on sustainable architecture themes and various urban and building project development tasks. He has over 20 years of experience in various architecture and project lead tasks, as well as in management and leadership roles. Resident and user oriented sustainable solutions are at the center of Juha's expertise. According to his view, the transition of living, working, consuming and transport is solved by making wise use of the ongoing green transition. It can only be realized by making the change such that it brings added value to each actor.



Oliver Glockner
Head of Innovation
Hilti Group

Oliver Glockner is Head of Innovation for Software and Services at Hilti, a globally leading provider of construction tools and fastening technology. Having been the Head of Product Management for Hilti's software solutions, he has more than 10 years of experience in delivering and marketing innovative solutions for the construction industry. In his current role, he is looking for new areas to bring innovation into the portfolio and is working with industry partners such as software vendors and startups to drive outside-in innovation. In addition, he has worked on several strategy project in which he helped to define Hilti's global digital agenda. Having a PhD in Applied Mathematics, Oliver has also worked in setting up the Virtual Product Development discipline at Hilti before focusing on software solutions.



Mili Myrteza Terstena
Global Head of Automation
Ramboll

Mili Terstena is Global Head of Automation & Digitalization as well as Lead for Innovation and BIM lead in Ramboll Water. He has 19 years of experience in water utility design, BIM (Building Information Modeling) and software development. Mili is also a specialist in model-based design and in visualization of project sites by using AR (Augmented Reality), VR (Virtual Reality) and MR (Mixed Reality). As Head of Automation, he oversees automation, applications, and the software portfolio for the global water market. This includes development within computational design, machine learning and predictive analytics. Mili is also a regular guest lecturer and external evaluator for the universities in Norway as well as an experienced guest speaker at various conferences.



Amir Aghazadeh
BIM Manager
Chapman Taylor

Amir Aghazadeh graduated with a Master's degree in Architecture from Bauhaus University in Weimar. Amir joined Chapman Taylor's Düsseldorf office in 2015 as Project Leader and shortly after also took up the role of BIM Manager. He has been instrumental in leading projects and is responsible for implementing BIM strategies within the office and managing our team of highly-experienced BIM specialists. He has over 10 years' experience in BIM, continually driving innovation and efficiency in construction projects, and frequently presents at industry conferences and local user groups, sharing insights on digital construction and BIM.



Victor Martinez Pacheco
R+D+i Department
Cementos La Cruz

Victor Martinez-Pacheco has a PhD in civil engineering, is an architect and holds a master's degree in advanced building technology, among other prestigious qualifications. He is responsible for innovation in new materials and additive manufacturing in the R&D department of Cementos La Cruz. Among his merits, he is the winner of the Sustainable Development and Climate Change Award of the Region of Murcia. With his scientific team at Cementos La Cruz and the Polytechnic University of Cartagena, he is developing advanced robotic manufacturing technologies and improving efficiency in the construction industry.

REGISTRATION FORM

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☐ Delegate Pass

- 2-Days Summit + Workshop
- Interactive Focus Sessions
- Discussions with Industry Experts and Peers
- Complimentary Networking Dinner
- Post-Conference Documentation Package
- Delegate List

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1095 euro

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E-mail:

Name:

Position:

E-mail:

Name:

Position:

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CONTACT DETAILS

Victoria Weber
Marketing Director
victoria.weber@luxatiainternational.com
00 (420) 775 717 730
www.luxatiainternational.com