

# 2<sup>ND</sup> ANNUAL MODULAR, PREFAB AND CONSTRUCTION TECH SENATE

22<sup>nd</sup> - 23<sup>rd</sup> November 2023

Grandior Hotel Prague, Czechia



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*“Quality, time and labour concerns make alternatives to traditional construction methods more attractive. The emphasis is on condensing the construction schedule of a project and saving cost.”*

–“Construction Industry Trends,” Construction Dive

## EVENT OVERVIEW

Modular construction has proven to be a more profitable & cost effective way of construction with correct planning & implementation. In an era where labour shortages have drastically impacted the productivity of companies to the point they've been forced to shut down. A report by the Financial Times in June 2022 has stated that thousands of local builders & contractors in the UK have collapsed including veteran companies that have been in the business for over 40 years due to rising costs. Construction companies need to heed to the sign of times; adapt or perish. Modular construction & other similar Modern Methods of Construction are the way forward.

Companies that have been quick enough to adopt modular methods have seen significant increase in productivity. Volumetric Building Companies (VBC), leaders in multi-family housing with markets in UK, Poland & Serbia are examples of this. With implementation of MMC, they were able to complete a project which would've taken them 24 months, within 11 months. That's more than a year in time that they've saved. Not only do MMC processes reduce the time required on-site, but as a direct side effect, there is less need for resources, labour and materials storage.

Growing demand for Building Information Modelling, Modular construction, and building materials industry is being observed across the Czech Republic Construction and Infrastructure market. The Czech Republic construction market size was valued at \$48 billion in 2021 while also being supplemented by advancements in modular & prefab methods with estimated construction and infrastructure growth of 6% CAGR till 2026.

Join us at **The Modular & Prefabrication Construction** to earn insightful knowledge and fruitful discussion on understanding emerging construction technologies, including robotics, 3D imaging and even the use of RFID-BIM which are becoming increasingly leveraged to aid the design and development of modular construction. Those technological capabilities are enhanced, sped up and become more cost-effective and sustainable, when utilised in a controlled by factory setting.

## WHY YOU CANNOT MISS THIS EVENT

- Identifying the challenges of industrializing your construction process for faster and more efficient manufacturing & assembly of structures
- Learn how integrate and take advantage of features & facilities that compliment your modular buildings
- Gather insights on the overlooked challenges of modular such as insurance & contract management and key legal considerations
- Take advantage of AI and automation to further maximize 3D printing & 5D AR powered BIM designing
- Explore next generation materials that help drive sustainability and massively reduce structure deployment time

## WHO SHOULD ATTEND?

**This event is targeted but not limited to:**

- CEOs, CIOs, & COOs
- Chief Construction Officers
- Chief Manufacturing Officers
- VPs/ Directors/ Heads/ General Managers/

### Managers of:

- Construction
- Modular Construction
- Offsite Construction
- Offsite Manufacturing
- Operations
- Project Management
- Offsite & Prefabrication
- Civil Engineering
- Structural Engineering
- Project Engineering
- Property Development
- Quantity Surveying
- Infrastructure
- Architecture
- Drafting Design
- On-site Delivery
- Procurement
- Strategic Sourcing

### From the following industries:

- Government entities
- Construction companies
- Real Estate developers
- Contractors
- Building Materials Suppliers
- Building Service Providers
- Technology solution providers
- Design & Architecture firms
- Construction Project Management firms
- Real Estate consultants
- Transportation & Logistics Service Providers
- Other industries involve in new property development, which can benefit from off-site construction, such as Healthcare, Hospitality, Data Centres, Education and Retail

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## EVENT PARTNER



Be part of the KNX Community and enjoy all its benefits: One standard (ISO/IEC 14543), One software tool for commissioning (ETS), All Communication Media supported (IP,RF,TP,PL), All applications in home and building control, ranging from lighting and shutter control to security systems, HVAC, monitoring, alarming, water control, energy management, smart metering as well as household appliances, A/V and lots more.

<https://www.knx.org/>

FOR FURTHER DETAILS, CONTACT

**AIMI NAJWA**

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## FEATURING PRESENTATIONS AND CASE STUDIES BY DISTINGUISHED SPEAKERS



**David Ellison**  
Head of Business Development  
**Metek plc, England**



**Emmanuel Metayer**  
Engineering Manager  
**Stabiframe Sp. z o.o., Norway**



**Jasim Al-Naser**  
Head of Civil Engineering  
**FIMPEC, Sweden**



**Rory O'Hagan**  
Director  
**Assael Architecture, England**



**Ondřej Mundl**  
Senior Architect  
**CHYBIK+KRISTOF ARCHITECTS & URBAN DESIGNERS, Czechia**



**Burkhard Musselmann**  
Managing Principal  
**HDR, Germany**



**Michele Palmieri**  
Design & Construction Director  
**Unibail Rodamco Westfield, Italy**



**Ondřej Vaněček**  
Executive Director  
**Contract Management SK, Czechia**



**David Labardin**  
Managing Director  
**Groupe GOYER, France**



**Mohammad Ghithan**  
Project Manager  
**Neumayer Projektmanagement GmbH, Austria**



**Daniel Grundy**  
Head of Engineering  
**Ideal Modular Homes, England**



**Anton Ivanov**  
Senior BIM Engineer  
**Mott Macdonald, Czechia**



**Anna Kerr**  
Executive Vice President  
**SWECO, Sweden**



**Michael Hough**  
Director  
**MJH Structural Engineers, Ireland**



**Pavol Dubik**  
Head of Technical Quality Team and Design Management Team  
**Skanska, Czechia**



**Frank Talmon l'Armée**  
CEO  
**SEMODU AG, Germany**



**Wojciech**  
Chief Operating Officer Europe  
**Volumetric Building Companies, Poland**



**Remko Remijnse**  
Owner/Architect  
**2by4-architects, Netherlands**



**Pedro Andrade**  
Chief Technology Officer  
**Blufab | Grupo Casais, Portugal**



**Oliver Müller**  
Chief Operating Officer  
**Capital Bay Group, Germany**



**Philip Watson**  
Director – Head of Design  
**HLM Architects, England**

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## CONFERENCE AT GLANCE

### Day One: Wednesday, 22<sup>nd</sup> November 2023

**0800 Registration & Coffee**

**0850 Opening Keynote Address**

**0900 Plenary One**

Prefabrication in Italian Construction Industry & Case Studies

**Michele Palmieri**, Design & Construction Director, **Unibail Rodamco Westfield, Italy**

**0945 Plenary Two**

Challenges in Industrialising the Building Industry

**David Labardin**, Managing Director, **Groupe GOYER, France**

**1030 The Speed Networking - The Mad Minutes!**

*Fun and fast, this networking activity is a great opportunity to grow your connections*

**1100 Morning Refreshments**

**1130 Plenary Three**

Unlocking the Potential of Precast Ecosystems: A Collaborative Approach for Seamless Integration of Stakeholders, Contractors, and Suppliers

**Jasim Al-Naser**, Head of Civil Engineering, **FIMPEC, Sweden**

**1215 Plenary Four**

DfMA: The next normal in construction

**Rory O'Hagan**, Director, **Assael Architecture, England**

**1300 Networking Luncheon**

#### Stream 1 – Project Management

- 1400 Session One**  
Industrialized Building System (IBS): Manufacturing & assembly of large modules  
**Burkhard Musselmann**, Managing Principal, **HDR, Germany**
- 1445 Session Two**  
Blufab Construction System Case Study  
**Pedro Andrade**, Chief Technology Officer,  
**Blufab | Grupo Casais, Portugal**
- 1530 Afternoon refreshments**
- 1600 Session Three**  
Challenges of transitioning to an Integrated Design Delivery (IDD) system for modular projects  
**Frank Talmon l'Armée**, CEO, **SEMOTU AG, Germany**
- 1645 Session Four**  
Contract Management Key Legal Considerations for Modular Construction Projects  
**Ondřej Vaněček**, Executive Director,  
**Contract Management SK, Czechia**
- 1730 End of day one**

#### Stream 2 – Prefab Application

- 1400 Session One**,  
Versatility and Flexibility in Prefab Design using LGS (light gauge steel) framing  
**David Ellison**, Head of Business Development,  
**Metek plc, England**
- 1445 Session Two**  
Light steel frame prefab construction system with an introduction on BIM, numerical command machines & prefab  
**Emmanuel Metayer**, Engineering Manager,  
**Stabiframe Sp. z o.o., Norway**
- 1530 Afternoon refreshments**
- 1600 Session Three**  
Addressing dry wall cracking issues when lifting & placing modules  
**Daniel Grundy**, Head of Engineering,  
**Ideal Modular Homes, England**
- 1645 Session Four**  
Fabricating Cross-Laminated Timber (CLT) for mass timber construction  
**Speaker to be advised**
- 1730 End of day one**

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## Day Two: Thursday, 23<sup>rd</sup> November 2023

**0830 Registration & coffee**

**0850 Opening keynote address**

**0900 Plenary One**

Benefits of Computational Modelling in design in AEC

**Anton Ivanov**, Senior BIM Engineer, **Mott Macdonald, Czechia**

**0945 Plenary Two**

Modular Construction & Design in High Rise Developments

**Michael Hough**, Director, **MJH Structural Engineers, Ireland**

**1030 Morning refreshments**

**1100 Plenary Three**

The Industrialized Revolution-Shifting from prefabrication to Productization

**Pavol Dubik**, Head of Technical Quality Team and Design Management Team, **Skanska, Czechia**

**1145 Plenary Four**

How modular technology provided by VBC supports circular economy

**Wojciech Poludniewski**, Chief Operating Officer Europe, **Volumetric Building Companies, Poland**

**1230 Networking luncheon**

### Stream 1 – Project Management

**1400 Session One**

Topic to be advised

**Philip Watson**, Director – Head of Design,  
**HLM Architects, England**

**1445 Session Two**

Modular Architecture: When Design & Efficiency Meet

**Ondřej Mundi**, Senior Architect,  
**CHYBIK+KRISTOF ARCHITECTS & URBAN DESIGNERS,**  
**Czechia**

**1530 Afternoon refreshments**

**1600 Session Three**

Challenges in Insurance & Risk Management

**Oliver Müller**, Chief Operating Officer,  
**Capital Bay Group, Germany**

**1645 End of conference**

### Stream 2 – Prefab Application

**1400 Session One**

Renewable Technologies: Integrating Solar and Micro-Grids  
with Modular Building Design

**Anna Kerr**, Executive Vice President, **SWECO, Sweden**

**1445 Session Two**

Modularising HVAC Systems to Improve Building Performance

**Mohammad Ghithan**, Project Manager,  
**Neumayer Projektmanagement GmbH, Austria**

**1530 Afternoon refreshments**

**1600 Session Three**

Past, Present and Future of prefab and modular design and  
construction

**Remko Remijnse**, Owner/Architect,  
**2by4-architects, Netherlands**

**1645 End of conference**

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## COMPANY DETAILS

Name	Industry
Address	
Postcode	Country
Tel	Fax

## REGISTER NOW

**Aimi Najwa**

**T: +60327750000 ext.514**

**E: [aimi@trueventus.com](mailto:aimi@trueventus.com)**

**Take a Snapshot or Scan and Email us**

## ATTENDEE DETAILS

<b>1</b>	Name	Job Title
	Tel	Email
<b>2</b>	Name	Job Title
	Tel	Email
<b>3</b>	Name	Job Title
	Tel	Email
<b>4</b>	Name	Job Title
	Tel	Email
<b>5</b>	Name	Job Title
	Tel	Email

## TERMS & CONDITIONS

- The course fee is inclusive of the event proceedings, materials, refreshment and lunch.
- Upon receipt of the complete registration form, invoice will be issued. Trueventus request that all payments be made within 5 working days of the invoice being issued. Full payment must be received prior to the event. Only delegates that have made full payment will be admitted to event. Clients are responsible for their own banking fees and banking fees will not be absorbed into the booking price.
- Substitution & cancellations policy. Should the registered delegate is unable to attend, a substitute delegate is welcome at no extra charge. Written notifications of all substitutions is required 5 working days prior to the event. Trueventus contracts carry 100% full liability upon receipt of registration. Non payment does not constitute cancellation. A 100% of cancellation fee will be charged under the terms outlined below: Due to limited event seats, Trueventus agrees to book and confirm the seat for the client upon issuance of invoice. Upon signing of this contract, client agrees that in case of dispute or cancellation of this contract Trueventus will not be for total contract value. If a client does not attend the event without written notification at least 5 working days prior to the event date, he/she will be deemed as no show. A no show at the event still constitutes that the client will have to pay the invoice amount that was issued to them. Trueventus does not provide refunds for cancellations. By signing this contract the client also agrees that if they cancel that Trueventus reserves the right to pursue monies owned via the use of local debt collection agency were the client is situated. Furthermore the client will be held liable for any costs incurred in collection of outstanding monies. When any cancellations are notified in writing to Trueventus 5 working days prior to the event, a credit voucher will be issued for use in future Trueventus events.
- Trueventus will at all times seek to ensure that all efforts are made to adhere to meet the advertised package, however we reserve the right to postpone, cancel or move a venue without penalty or refunds. Trueventus is not liable for any losses or damages as a result of substitution, alteration, postponement or cancellation of speakers and / or topics and / or venue and / or the event dates. If force majeure were to occur Trueventus accepts no responsibility or liability for any loss or damage caused by events beyond their control, including, but not restricted to strikes, war, civil unrest, flight delays, fire flood, or any adverse weather conditions. Trueventus is not liable in the event that a participant is exposed or is infected by Covid 19. Trueventus under no circumstances is liable for any other costs that might have been incurred in the attendance of the event, including but not limited to flights, accommodation, transfers, meals etc. Trueventus reserves the right to replace / change speakers in the best interest of the conference.
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- Client hereby agrees that he/she exclusively authorizes Trueventus charged the credit card with details listed above for the amount provided herein; this registration form serves as a contract that is valid, binding and enforceable. He/she at any time will have no basis to claim that the payments required under this Contract are unauthorized, improper, disputed or in any way. Upon issuance of invoice Trueventus will be charging the client USD 30 processing fee.
- All Trueventus events are held in a classroom or theater format.
- All Trueventus events are held at either 5 or 4 Star Hotels.

## APPROVAL

NB: Signatory must be authorised on behalf of contracting organisation.

Name	Job Title
Email	
Tel	Fax
Authorising Signature	

## REGISTRATION FEES

	Corporate
End of September 2023	EUR 1495 (Per Delegate)
1st October 2023 onwards	EUR 1995 (Per Delegate)
All options inclusive of delegate pack, luncheon and refreshments.	
	<b>CZ-IF391</b>

## PAYMENT METHODS

Payment is due in 5 working days. By Signing and returning this form, you are accepting our terms and conditions.

Bank Transfer

Credit Card