25 & 26 AUGUST 2020

BUILDINWOOD.COM

BUILD IN WOOD

25 & 26 August 2020
Docken, Copenhagen

- Get facts and in-depth knowledge on wood construction
- Be inspired by visionary projects and learn from other's experiences
- Join debates about wood construction and politics

WHO'S THERE?

You can network with architects, municipal planners, real estate, engineers, suppliers and everyone else interested in wood construction.

KNOWLEDGE PARTNERS

CONFIRMED PARTNERS & EXHIBITORS

Arkitektforeningen • Arkitema | COWI • Binderholz Bausysteme • Build-in-Wood Network • Bygherreforeningen • Climate-KIC • Dagens Byggeri • Dansk Skovforening • Dansk Træforeningen • Danske Arkitektvirksomheder • Danske Træindustrier • DBI • Ergodomus Timber Engineering • Frøslev • Holdbar • IDA Byg • InnoBYG • James Hardie Denmark / Fermacell • Keflico • KLH Massivholz • MOE • MOE - Videnscenter for træbyggeri • Nordic Network for Tall Buildings • Papiruld Danmark • PEFC • Politikens Byrum • Profile • Rockwell • Rotho Blass • Schmid Schrauben Hainfeld • Teknologisk Institut • Træ i byggeriet • Træ Information • Træ- og Møbelindustrien • Træ i Byggeriet • Træ.dk • Træsektionen - Dansk Byggeri • Taasinge • URBAN AGENDA • Woodfac • Züblin Timber

WELCOME

Build in Wood

Build in Wood welcome you to the third annual event 25 & 26 August in Copenhagen.

The construction industry is one of the biggest contributors to the negative climate impact and building in wood can save us a lot of carbon emission. Then why don't we use more wood? The biggest challenges are the lack of knowledge, lack of hands-on experiences and political matters that make it more difficult and expensive to choose wood and timber solutions.

Let's change that! At Build in Wood 27-28 May 2020 in Docken, Copenhagen, hundreds of stakeholders, practitioners and politicians will gather to discuss and improve the potential of building with wood.

At Build in Wood, you will:

- Get facts and in-depth knowledge on wood construction
- Be inspired by visionary projects and learn from other's experiences
- Join debates about wood construction and politics

Join us to share knowledge and overcome the challenges together in order to ultimately build more in wood.

Precautionary measures due to COVID-19

The Danish government has eased the restrictions on gatherings and traveling to and from Denmark. We have implemented the necessary safety restrictions in cooperation with Docken, and we promise a safe event that will comply with all the restrictions.

The situation can change over the summer and we are adapting our concept continuously. If travel restrictions or health issues keep anyone from joining Build in Wood physically in Copenhagen, we have a solution for that. More information will be available as soon as possible on our website.

SCHEDULE 25 AUGUST 2020

08.30
Registration & breakfast

09.00

Welcome to Build in Wood 2020

Conferencier Nikolaj Sveistrup, CEO & Founder, URBAN AGENDA

09.10
Wood initiatives in Denmark

In Copenhagen we must be able to welcome 10.000 new citizens every year and simultaneously work hard to redeem our ambitions of being CO2 neutral in 2025. Hear about the strategy from Copenhagen's city architect and about the upcoming wooden projects that will rise in the years to come.
Camilla van Deurs, City Architect of Copenhagen

Aarhus has great ambitions within sustainable urban development and circular economy. Hear about Aarhus' innovative approaches to reach CO2 neutrality in 2030, which include: Integration of urban nature, innovative use of timber buildings, as well as new trends in climate aesthetics in architecture.
Stephen Willacy, City Architect of Aarhus

10.00
Rethinking the way we get from A to B – Denmark's largest wooden Mobility Hub

JAJA's wooden Parking House and Mobility Hub in Aarhus aims to improve our health, the environment, and the cohesiveness of the local society – while at the same time set the standard for future wooden constructions in Denmark. Get the architect's view on possibilities and obstacles, when entering a world of wood.
Jakob Steen Christensen, Partner & Architect, JAJA Architects

10.30
Networking break

BUILDINGS & CARBON FOOTPRINT

11.00

How does the use of wood in buildings influence the impact to climate change?

A recent LCA study by Aalborg University on 60 cases of new buildings built in Denmark tells us that the embodied greenhouse gas emissions vary with 100-200 percent per square meter among the 60 different building cases. This indicates that there is a large potential to reduce the embodied impact of new buildings today by focusing on design strategies and use of materials. You will learn that the cases with the lowest impact typically include wood as building material.

Harpa Birgisdottir Senior Researcher, PhD, Head of Research Group on Sustainability of Buildings, Department of the Built Environment, Aalborg University

11.45

How hybrid and wood buildings can minimize carbon footprint and how we do things better than just make them "less bad"- The Cradle, Düsseldorf

The Cradle aims to do things better than just make them "less bad" and to generate a positive footprint for people and the environment. In this presentation you will learn how designing a timber hybrid building reduces CO2 footprint considerably and additionally offers a healthy and pleasant working atmosphere, neighborhood, and environment in general.

Antonino Vultaggio, Architect & Partner, HPP Architekten (DE)

12.30

Network lunch in the exhibition area

CONSTRUCTION METHODS

13.35

The future; CLT, modular housing, prefabrication and a fast changing world
The climate emergency will dominate construction in the 21st century in the way that concrete did in the 20th. Timber is the answer to housing need, build quality and low carbon. In this presentation you will get an expert's point of view on the qualities of different methods, and how this revolution will change the face of architecture and demand.
Andrew Waugh, Founding Director, Waugh Thistleton Architects

14.20
Timber Hybrid Structures

The design of timber hybrid structures from an engineering viewpoint. Design decisions are based on the considerations and challenges of each unique project, whether it be 2, 6, or 20 story buildings. In this presentation you will get answers to the questions such as how do we achieve the best structural performance? How can materials be combined to optimize the structure? You will hear about MOE's experience from the design of numerous timber buildings, including a new groundbreaking project.
Bo Pedersen, Corporate Technical Director, MOE

14.55
Networking break

The event 27 May continues in 2 tracks
– Please remember to choose your track on registration

15.35

FIRE PERFORMANCE IN LOADBEARING STRUCTURES

Introduction and moderation by Niels Morsing, Director, Teknologisk Institut
Fire regulations vary in the Scandinavian countries, which results in a different approach for taller buildings using loadbearing wood structures. Sweden and Norway already have several finished buildings to experience from, even though they have differences in their fire regulations. What can Denmark learn from our neighbor countries? What is status quo on the ongoing initiatives to push the acceptance of using more wood in the building industry forward? And what is next on the agenda concerning fire regulations in Denmark?

Pre-accepted principle in Denmark – status
The lack of sufficient pre-accepted principles for buildings above 4 storys challenges the construction of wooden buildings. This presentation will give you a status quo for the pre-accepted principles in Denmark.
Brian V. Jensen, Department Manager, DBI

Fire regulations in a Norwegian context
In this presentation you will learn about the Norwegian fire regulations and how they encourage or discourage to more multi-story projects. Furthermore, you will learn from an expert how it is possible to solve some of the challenges with fire regulations when building multi-story buildings.
Leif Isaksen, Head of Fire & Security, Sweco Norway

What is next in the development of future fire regulations in Denmark?
What are the ongoing initiatives in Denmark to improve the general acceptance and finding the right safety level for the use of wood in load bearing structures in buildings in general, but also in buildings higher than 4 storys?
Finn Larsen, Business Manager, Teknologisk Institut

The track will end with a debate summing up the three presentations.

17.00-18.00

Networking reception, tapas and drinks

15.35

ARCHITECTURAL VALUE

Introduction and moderation by Nikolaj Sveistrup
Wood can save the climate, but can wood also make us become happier human beings? Replacing concrete and steel with wood is an important key to CO_2-reduction in construction. However, the technical and environmental discourses tend to ignore that wood as a material has numerous additional qualities for the users. On this track you will be presented to 3 opinions to how wood can and should act as an architectural driver.

Wood as architectural driver
Wood challenges the prevailing abstract modernism celebrated by developers, contractors and architects: Exterior wood needs constructive protection which re-actualize vernacular elements such as eaves and cornices. Interior wood has a smell, it does not radiate coolness and the grainpatterns are individual and unpredictable. Learn how these qualities offer a new connectedness between our buildings and our bodies.
Søren Nielsen, Partner & Architect, Vandkunsten

Tectonics of wood
Different principles, structures and constructions result in different perceptions and architectural qualities. Learn about the tectonics of wood construction and architecture, and how different solutions affects you and offer different ecologies.
Anne Beim, Professor, Head of Center for Industrialized Architecture (CINARK), Ph.D., Tectonics

The flexibility of wood
We need to develop a new tradition of how we build. And when new methods and solutions are implemented into the industry, we will start to see the great advantages of a material that is perfect for the industrial fabrication of buildings: A material that is light and flexible and with aesthetic qualities. In this presentation you will hear how SANGBERG aim at exploiting the qualities of wood when designing for the future.
Jonas Sangberg, Creative Director & Owner, MAA MDL, Sangberg

The track will end with a debate summing up the three presentations.

17.00-18.00
Networking reception, tapas and drinks

SCHEDULE 26 AUGUST 2020

08.30

Registration and breakfast

09.00

Introduction of the program of the day

Conferencier Nikolaj Sveistrup, CEO & Founder, URBAN AGENDA

POLITICAL INITIATIVES AS OBSTACLE OR ENABLER FOR WOOD IN CONSTRUCTION

09.05

Political initiatives on a local level – Växjö Municipality

Växjö politically decided that new buildings should be in wood. In 2020 50% of all new buildings should be in wood. How did this succeed so well? What initiatives where done? What role can wood play in an urban development perspective?

Catharina Winberg, Chairman Växjö Kommunföretag AB & Member of the Municipal Council

09.40

When the developer specifies demands

If we want to build sustainable, we must rethink our traditions. Sustainable construction is about the materials that we choose, and the construction industry is facing a potential timber revolution. Using the masterplan Fælledby, this presentation will try to answer the question of whether wood can replace concrete and tiles, what it means if developers set demands, and how this can be a driver for more wood in construction.

Signe Kongebro, Partner, Professor (Adj.), Architect MAA, Henning Larsen Architects

10.25

Networking break

SCHEDULE 26 AUGUST 2020

11.00

Political debate: How can politics and legislation enable the growth of wood in construction in Denmark?

This debate will give you insights on how we through political initiatives can increase the amount of wood construction projects in Denmark. You will hear members of the parliament discuss the content of the voluntary sustainability class within the building code with important stakeholders in the industry. What should this political initiative contain when it will be mandatory in 2023? How do we ensure that the voluntary sustainability class within the building code will have the attended effect and encourage more timber construction in Denmark?

(the debate will be in Danish)

Moderator: Mikael Koch, Director, Træinformation

Annette Christensen, Industry Sector Executive, Træ- og møbelindustrien
Heidi Bank, Member of Parliament & Deputy Chairman Housing Commitee, Venstre
Camilla Fabricius, Member of Parliament & Housing Commitee, Socialdemokratiet
Frederik Waitz Søborg, Branchechef, Dansk Byggeri
Kasper Graa Wulff, President, The City of Copenhagen Construction

12.00
Networking lunch

The event 28 May continues in 2 tracks
– Please remember to choose your track on registration

13.00

ECONOMICS OF WOOD

Introduction and moderation by Rob Marsh, Partner & Architect, C.F. Møller
When the construction sector has limited experience with timber buildings, there can be many perceived risks. These can both be real and unreal. They result in uncertainty throughout the sector, and high prices when tendering competitively. With greater experience, risk can be managed and reduced, leading to a better economy.
This session will look at how risks can be minimized, and competitive timber solutions can be developed, drawing on experiences from Europe and Denmark.

Vision & mission in timber construction – concepts to benefit from cost potentials and how to avoid cost traps
Invitation and call for tenders, cost planning and calculation, contracts, processes and sequences. The potential cost traps are many and often causes resistance to timber construction. However, the many benefits are obvious and this presentation will give you examples of how to realize the potential cost savings in timber construction projects.
Dr. Jörg Koppelhuber, pm holzbau, Graz, Austria

Embracing new solutions can eliminate risk – experiences from a building owner
High risks and costs are often mentioned in relation to timber buildings. This presentation will give you concrete examples of how to eliminate the high risks and high costs. Using the project of rebuilding Svinkløv Badehotel as an example you will be inspired to how new solutions and technology can match the same cost level as the traditional construction methods.
Alexandra Thygesen, Owner Atopia & Member of the Board in "Svinkløv Foundation"

Identification and handling of risks
Even when we are building the same system again and again calculations and risk management can be challenging. This presentation will share with you the learning curve in Adserballe & Knudsens timber adventure and the optimization potential of CLT-Flex.
Jakob Kock, Head of Development, Adserballe & Knudsen

The track will end with a debate summing up the three presentations.

14.15
Networking break

13.00

ACOUSTICS

Introduction and moderation by Mikael Koch, Director, Træinformation
Sound is the most challenging issue to solve in relation to wooden buildings, and one of the few things measured in the actual building, and difficult to correct afterwards. This session will present experiences and examples with different solutions and end with a discussion whether we should adapt Nordic sound limits, which will enable us to copy solutions instead of inventing new, prolonging the sustainable conversion of buildings.

Sound insulation in wooden buildings
What is the main challenges to achieve satisfactory acoustic conditions? Design criteria's and overall solutions: Is it harder to build housing than office buildings with respect to acoustics?
Jan Christensen, Corporate Technical Director – Acoustics, MOE

Experiences from wood projects
LINK architecture has been working with wooden buildings for different purposes throughout Scandinavia. These projects have obvious benefits in terms of indoor climate and CO_2 footprints. Learn how wooden buildings can improve the indoor climate in terms of acoustics, and the benefits and pitfalls with different solutions – demonstrated through examples of completed projects.
Kristina Jordt Adsersen, Head of Housing & Dwelling, Architect MAA, LINK

Architecture and Timber – Acoustics and Indoor Climate
Schmidt Hammer Lassen Architects has a breadth of experience in timber-based projects. From full timber construction at Framehouse, an office building in Dragør, to timber interiors at IBC Innovation Factory in Kolding. Hear how the firm applies its research, post-occupancy studies, and project experience to address the challenges of acoustics – like decibel measurement – and other indoor climate issues when working with timber.
Mads Kaltoft, Partner, Schmidt Hammer Lassen Architects

The track will end with a debate summing up the three presentations.

14.15
Networking break

EXPERIENCES SO FAR

14.45

Experiences and challenges – 1 year later

On Build in Wood 2019 we heard about the case of Skademosen, Trekroner near Roskilde. 1 year later Boligselskab Sjælland, Vilhelm Lauritzen Architects and Adserballe & Knudsen construction company will share the learnings, challenges, unforeseen problems, benefits, the things that went as planned, and the ones that did not.

Jakob Kock, IT & Development Manager, Adserballe & Knudsen
Per Bro, Byggechef, Boligselskabet Sjælland
Michael Schytt Poulsen, Associated Partner, Vilhelm Lauritzen Arkitekter

15.30

International perspectives and experiences

Due to the many benefits of wood and its limited CO_2 footprint, the EU has launched a project called Build-in-Wood which strives to make wood a natural choice of construction material in multi-story buildings. In this presentation you will hear from three Build-in-Wood partners sharing experiences and good practice for multi-story wood construction in order to avoid costly and avoidable errors in the construction phase. Which experiences so far can we learn from? How can we achieve good practice?

Kirsten Haggart, Senior Associate, Waugh Thistleton Architects
Franco Piva, Engineer & Director, Ergodomus Timber Engineering
Peder Fynholm, Vice Director, Technological Institute

16.10

Sara Culture Center – A key driver towards sustainable building design

At White Architects, our mission is that all our architecture will be carbon neutral through design excellence by 2030. To enable this, we need to increase the use of timber in all our projects. Sara Culture Center has worked as a key driver for the industry establishing timber as a viable solution for all types of complex mixed-use projects, not just for housing. Through practice-based research and experience White have built up a knowledge about building in timber and are now designing Sweden's largest timber development up to date.

Robert Schmitz, Partner & Architect, White Architects

16.50

Closing remarks from the conferencier

VENUE, PRICE & REGISTRATION

Build in Wood

TIME & PLACE

25 & 26 August 2020 in Docken, Færgehavnsvej 35, 2150 Nordhavn

REGISTRATION FEE

EARLY BIRD: Sign up before 12 june: 4.495.- DKK
Sign up before 14 August: 4.995.- DKK
Final price from 15 August: 5.495.- DKK

The registration fee includes all sessions, lunch, refreshments and available documentation.
All prices are in DKK and exclusive VAT

GROUP DISCOUNT

When registering more than three persons at the same time you can receive a discount, please contact us at (+45) 2297 1400 for prices and opportunities.

REGISTER NOW

To register for the conference the best and quickest way is to fill in the online registration form on www.buildinwood.com. We also accept bookings by post, Tel: (+45) 35 25 35 45 and e-mail: info@buildinggreen.eu.
Once we have received your registration you will receive an invoice.
Your registration is binding.
Limited seats are available.

CANCELLATION

Cancellation must be made by mail. If canceled up to 14 days before the event, a fee of 10% will be withheld. Should cancellation be made less than 14 days prior to the event, 50% will be withheld and, if canceled later than 2 days before the date of the event, full price will be paid. If you are prevented yourself, you also have the opportunity to transfer your participation to a colleague.

FOR MORE INFORMATION:
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