FULL PROGRAM 27 OCTOBER 2016

A REAL PROPERTY.

### CHORA CONVECTION

## GO2WOOD CONCLAVE '16

Chora Connection in collaboration with KADK presents a unique all day event with leaders from the entire value chain of the wood industry. Work sessions organised with the GO2WOOD experts. Bio-inspired culture and food.



The Royal Danish Academy of Fine Arts, Schools of Architecture, Design and Conservation

**DATE** Thursday 9:00 - 22:00 27 October 2016

### VENUE Festsalen at KADK (The Royal Danish Academy of Fine Arts)

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and the

REGISTRATION Go2WOOD Conclave at Greenticket https://greenticket.dk/conclave16

### FUTURE IS BUILT WITH **WOOD**

Chora Connection invites you to the Go2WOOD Conclave on 27 October 2016 at the Royal Danish Academy of Fine Arts The conclave is a unique all-day event hosted by Chora Connection in collaboration with KADK promoting the sustainable use of wood in Denmark. The purpose of the day is to exhibit quality knowledge for how society, companies and consumers as well, can benefit on multiple parameters from the integration of sustainable wood in the value chain of danish design, production and construction.

This international event is the culmination of a series of workshops held throughout the past year to catalyse actions to raise awareness and help develop methods for a more robust use of one of the most abundant biomaterials: WOOD. The Go2WOOD conclave's goal is to promote Denmark as a sustainable leader in construction and wood production.

The program is inspired by the FOREST - a place for rich bio-diversity and recreation but also a vital production resource of sustainable timber- the workhorse of carbon fixing. We are featuring some of the world's front runners in wood construction, industrial design and technologies in wood.

Canadian architect MICHAEL GREEN will present the virtues of tall buildings structured in cross laminate timber and how his work has inspired a new generation of architects and engineers. The following keynotes have already been confirmed: Niels Elers Koch, Anne Biem, Nick Milestone, Mikkel Mørch, Jakob Rygg Klaumann, Andrew Waugh, Dan Cornelius, Frank Erichsen, Søren Nielsen, Jonas Rönnberg, Mikael Koch with many more to be announced.

The Go2WOOD initiative, grounded in the United Nations' 17 Sustainable Development Goals is a inter-disciplinary and working knowledge platform that is engaged with several prototypes to promote sustainable use of wood.



The morning session will feature inspirational presentations focused on the entire wood industry value chain. This will be open to students and delegates. In the afternoon, the delegates will be divided into three parallel sessions themed on industrial design, architecture and education. These sessions will offer case presentations and forge new cross disciplinary relationships, a hallmark of the Go2WOOD initiative.

The outcome of the day is results-oriented, to develop new dynamic actions and methods for promoting wood in danish production and construction, based on the latest cross-sectorial knowledge on WOOD as a valuable and sustainable production material.

All food and beverages during the day is organic and bio-inspired.

We welcome you to join us at the Go2WOOD Conclave 2016, if you are a part of the wood industry, or want to participate in a unique dialogue about the material of the times.

### DATE

Thursday 9:00 - 21:00 27 October 2016

### VENUE

Festsalen at KADK (The Royal Danish Academy of Fine Arts) Philip de Langes Allé 10 1435 Copenhagen

### REGISTRATION

https://greenticket.dk/conclave16

CONTACT go2wood@choraconnection.dk

### INFO

choraconnection.dk

We welcome you to join us at the Go2WOOD Conclave 2016, if you are a part of the wood industry, or want to participate in a unique dialogue about the material of the times.

# PROGRAM

MORNING PROGRAM (for students and delegates)

- 9.00 Welcome Niels Elers Koch (DK) immediate past president of iufro
- 9.05 Moderator for the day- a practical overview for the Conclave. David Goehring (US) ARCHITECT CHORA CONNECTION
- 9.10 CINARK- Welcome to KADK Anne Beim (DK) CINARK

### FROM THE FOREST

- 9.15 The Go2WOOD Initiative and UN's 17 Sustainable Development Goals (#15).
  What is a sustanably managed forest?
  David Goehring (US) CHORA CONNECTION, LEADER OF GO2WOOD
- 9.25 The 3 E's of the production forest in Denmark- ecology, economics and energy. Vivian Kvist Johannsen (DK) KU COPENHAGEN UNIVERSITY FORESTRY
- 9.45 The bio-regional forest perspective. Jonas Rönnberg (SE) sns southern swedish forest research centre

### 10.05 PAUSE

### SUSTAINABLE WOOD

- 10.25 A catalytic agent- Go2WOOD. Introduction Michael Green. David Goehring (US) CHORA CONNECTION
- 10.30 Tall wooden buildings, a new order. Michael Green (CA) principal michael green architecture
- 11.15 Economic drivers for wood in development today. Nick Milestone (UK) B & K STRUCTURES
- 11.40 European wood- for a positive global climate. Mikael Eliasson (SE) PRESIDENT SWEDISH WOOD

### 12.00 LUNCH (for delegates only)

### AFTERNOON PROGRAM

- 13.10 PARALLEL SESSION I
  Wood in Products & Design
  MINI BREAKOUT SESSION A
  Innovation in Wood
  MINI BREAKOUT SESSION B
  Industrial Design and the Circular Economy
- 13.10 PARALLEL SESSION II Wood in Future Cities MINI BREAKOUT SESSION A Wood in Construction MINI BREAKOUT SESSION B Co-creation Development in Wood
- 13.10 PARALLEL SESSION III Wood in Education MINI BREAKOUT SESSION A Lifetime Learning with Wood MINI BREAKOUT SESSION B Higher Education with Wood
- 15.43 BREAK
- 16.30 PANEL

The State of Wood David Goehring (US) ARCHITECT CHORA CONNECTION- MODERATOR Duncan Horswill (UK) director søren jensen engineers Jakob Rygg Klaumann (DK) president danish forest federation Michael Green (CA) principle michael green architecture Mikael Koch (DK) director træinformation Mikkel Mørch (DK) DI træ og møbelindustrien

- 17.15 Closing Comments and Manefesto Go2WOOD Conclave Karen Blincoe (DK) ACTING CHAIR CHORA CONNECTION
- 17.30 Lumberjack Refreshments and networking (delegates only)
- 18.30 Dinner (by reservation)

### WOOD IN PRODUCTS & DESIGN

### PARALLEL SESSION 1

Moderator Mikkel Mørch (DK), DI Træ og Møbelindustrien

- 13.15 Why wood matters in design Pil Bredahl (DK), Pil Bredahl Design
- 13.30 Wood nature's stroke of genius.Jakob Rygg Klaumann, (DK), Danish Timber Trade Federation
- 13.45 To be determined
- PANEL
  Bio regional influence on the design market.
  Moderator Mikkel Mørch
  Mikael Elliasson (SE), Pil Bredahl and Jakob Rygg Klanman
- 14.25 PAUSE

### MINI BREAKOUT SESSION A Innovation in Wood

- 14.30 The feel of wood- the lush bio material of the future. Moderator Ola Jonsson (SE), C.F. Møller Architects
- 14.42 Intersections between manufacture, designer and brands Michael Kvist (DK), Kvist Industries
- 14.49 3D Printing in wood. Nigel Papworth (SE), Umeå University
- 14.56 Wood, re-use and design for disassembly. Olga Popovic Larsen (DK) KADK
- 15.03 PANEL Moderator Ola Jonsson Michael Kvist, Nigel Papworth and Olga Popovic

### MINI BREAKOUT SESSION B Industrial Design and the Circular Economy

- 14.30 Denmark's role in the global supply chain of wood- the circular economy model for the biological cycle. Moderator Jasper Steinhausen (DK), Ouroburos
- 14.42 The added value of the Danish sawmill. Kim Axelsen (DK), PA Savværk
- 14.49 Responsible sourcing as an SME. Jesper Panduro (DK), Skagerak
- 14.56 Large scale circular economic solutions for kitchen cabinetry. Henning Jensen (DK), Novopan
- 15.03 PANEL Moderator Jasper Steinhausen Kim Axelsen, Jesper Panduro and Hening Jensen

### WOOD IN FUTURE CITIES

### PARALLEL SESSION 2

- 13.10 Wood Construction in Denmark in 2016. moderator David Goehring (US), architect Chora Connection
- 13.15 Dreaming of wood. House of Fairy Tales, Museum Odense, Denmark. Dan Cornelius (DK), Cornelius + Vöge Architects
- 13.30 Tall and smart in the Timber Age. Siv Helene Strangeland (NO), Helen & Hard architects
- 13.45 Design for disassembly, and health- Wood the total material. Søren Nielsen (DK), Tegnestuen Vandkunsten Architects
- PANEL
  The Timber Age.
  moderator David Goehring
  Michael Green (CA), Dan Cornelius, Siv Helene Strangeland, Søren Nielsen
- 14.15 PAUSE

### MINI BREAKOUT SESSION A Wood in Construction

- 14.30 The climate case for Copenhagen 2025 in wood moderator Duncan Horswill (UK), Søren Jensen Engineers
- 14.42 Responsible LCA/ LCC. CLT v non-bio materials. Katie Symons, (UK) Smith & Wallwork
- 14.49 An architecture and fire perspective on homogenous wood materials. Kristine Sundahl (DK), PhD-fellow Dbi and KADK
- 14.56 The Inno-spire project- a high rise in wood in Denmark. Peder Fynholm (DK), Teknologisk Institut
- 15.03 PANEL moderator Duncan Horswill Katie Symons, Kristine Sunddahl and Peder Fynholm.

### MINI BREAKOUT SESSION B

### Wood Co creation in Development and the Municipality

14.30	Why wood counts as the sustainable material of the times. moderator Mikael Koch (DK), Træinformation
14.42	The developer advantage in wood. Nick Milestone (UK), B & K Structures
14.49	Municipality bold moves toward wood. Kim Dalgaard (DK), Tegnestuen Vandkunsten Architects
14 56	An elegant transition to wood - NCC's Dome of Visions

- 14.56 An elegant transition to wood NCC's Dome of Visions Kristoffer Tejlgaard (DK), Atelier Kristoffer Tejlgaard
- 15.03 PANEL Building durable private public partnerships for the future in wood. moderator Mikael Koch Nick Milestone, Kim Dalgaard and Kristoffer Tejlgaard

### PARALLEL SESSION 3

### WOOD IN EDUCATION

- 13.10 Holistic education in Denmark. moderator Karen Blincoe (DK), Acting Chair, Chora Connection
- 13.15 Design excellence in wood education Magnus Silverheilm (SE), Linne University
- 13.30 Rediscovery- embedding craftsmanship & building from local resources (via video) Frank Erichsen (DK), DR Bonderøven
- 13.45 Accelerated learning for wood applications. Mikkel Kragh (DK), DAC
- 14.00 PANEL moderator Karen Blincoe Mikkel Kragh, Magnus Silverheilm and guest
- 14.15 PAUSE

### MINI BREAKOUT SESSION A Lifetime Learning in Wood

- 14.30 From the forest kindergarden to public schools, the trades to robotics. Moderator David Rangan (DK), Regional Centres of Expertise
- 14.42 Creative resistance. What wood teaches us. Karen MacLean (US), Green Free School.
- 14.49 Training the carpenter of the future. Kjartan Mogensen (DK)
- 14.56 Software tools and courses for the wood professional. Jørgen Munch-Andersen (DK), Træinformation
- 15.03 PANEL Moderator David Rangan Karen MacLean, Kjartan Mogensen and Jørgen Munch-Andersen.

### MINI BREAKOUT SESSION B Higher education in Wood

- 14.30 CINARK materials approach to wood. moderator Anne Beim (DK), CINARK
- 14.42 Wood science is back.
  Emil Engelund Thybring, Villum Postdoc, University of Copenhagen, SCIENCE, IGN, Forest, Nature and Biomass
- 14.49 Wood construction and climate change mitigation. Leif Gustavsson (SE), Wood engineer
- 14.56 Timber on-line. Wood learning in real time. Michael Green (CA), MGA
- 5.03 PANEL Moderator Anne Beim (DK) Emil Engelund Thybring, Leif Gustavsson and Michael Green.

### THE GO2WOOD CONCLAVE REGISTRATION

### HTTPS://GREENTICKET.DK/CONCLAVE16

FULL DELEGATES	(All day)	
	Including access to all morning sessions, parallel sessions, catering, coffee and lunch.	
STANDARD	DKK 2500,00 (ex. VAT)	
NGO	DKK 1500,00 (ex. VAT)	
5 persons or more Code: five10	DKK 2250,00 (ex. VAT)	
10 persons or more Code: ten20	DKK 2000,00 (ex. VAT)	
OPTION	Choose first and second preferences:	
	1. WOOD PRODUCTS & DESIGN	
	2. WOOD IN FUTURE CITIES	
	3. WOOD IN EDUCATION	
STUDENTS	(morning session only)	
	DKK 150,00 (ex. VAT)	
KADK STUDENTS	(morning session only)	
	FREE	

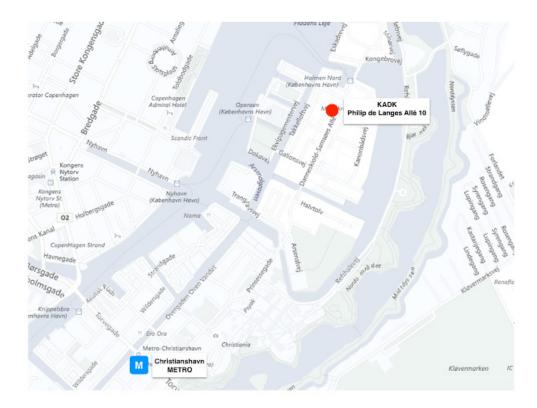
### FURTHER INFORMATION

For payment through EAN please contact Charlotte Winther: Charlotte@choraconnection.dk





The Royal Danish Academy of Fine Arts, Schools of Architecture, Design and Conservation



### GO2WOOD IS SUPPORTED BY

Arhus University	DTU, Department Management Engineering Firesafety	Rambøll, Fire & Safety
Arkitektforeningen	FSC Danmark	Skovforening
CFMøller		SNS (Sweden) Nordic Forest Research
CBBT, (Sweden) Centrum för Byggande	KADK Bygningskunst og Teknologi	Søren Jensen Engineers
och Boende med Trä	KADK- CINARK	Sustainable Construction Solutions Ltd,
DAC	Kolding School of Design	(UK)
DanskArk-Danish Association of Architectural Firms	KTS Københavns Tekniske Skole	Technologisk Institut
	KU Skov, Natur og Biomasse	Tegnestuen Vandkunsten
Dansk Træforening	Lendager Arkitekter	Thors- Design
Dansk Træemballage	NEPCON	Træ og Møbelindustrien
Danske Træindustrier	PA Savværk	TræInformation
DBI, Dansk Brand-	PA SOVVærk	Iræinformation
og Sikringsteknisk Institut	PEFC Danmark	NCC

### KEYNOTE

Chora Connection and KADK is proud to present the keynote of the Go2WOOD Conclave 16:

MICHAEL GREEN PRINCIPAL, MICHAEL GREEN ARCHITECTURE



### SPEAKERS

The Go2WOOD conclave is proud to present speakers from the entire value chain.

### ANNE BEIM

PROFESSOR, PhD, CINARK

Anne Beim is educated M.Arch. and PhD in Architecture KADK. Since 2004 she has chaired the research center CINARK, which serves to bridge the gab between the architectural education, the construction industry, and the architectural profession. She cochairs the Graduate Program; Settlement, Ecology and Tectonics. These are considered essentials in architectural creation and studied in regard of their ecological dimension, the challenges provided by the construction industry.



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### BASTIAN KRISTENSEN

### CARPENTER

Bastian is a newly qualifed carpenter and student in projectpriented work. He will describe many aspects of carpentry and wood technology for a high-rise building with wood. A central question is how the program gave the possibility for such a project o be carried out. David Rangan will interview Bastian and will alternate between Bastians specific description and a general description of how wood construction is included in a projectpriented teaching methodology at secondary level.

### DAN CORNELIUS

ARCHITECT AND PARTNER, CORNELIUS + VÖGE ARCHITECTS CORNELIUS + VÖGE was established in 2006 by architects Nanna Vöge and Dan Cornelius. The studio provides architectural solutions for buildings and planning. The studio has built several awardwinning buildings and won several architectural competitionsamong others the North Atlantic House in Odense and The H.C. Andersen Museum, also in Odense. While the studio offers high level sustainabilty in all their projects - both of these projects introduce and feature a sustainable use of wood.





### DAVID GOEHRING

ARCHITECT CHORA CONNECTION, GO2WOOD David graduated from Virginia Polytechnic Institute, US with expertise in sustainable urbanism. He has a background in the private sector in The Netherlands, the US and Denmark, with a distinguished portfolio focused primarily in housing and educational facilities. David is responsible for sustainable building and the prototype Go2WOOD. David realised his passion for working in WOOD while designing homes. It's a human friendly material, infinitely renewable and well suited for today's climate challenges.

### DAVID RANGAN

### CARPENTER AND BOARD MEMBER, RCE DANMARK

With a background as a carpenter and a designer of sustainable housing, David has a practical and sense based approach to wood as a sustainable building material. He has taught and educated carpenters for almost a decade and thereby gained experience on wood as a learning tool. David is a board member of the UN founded Regional Centre for Expertise in Denmark- RCE, and is promoting the sustainable development of the educations relating to the wood chain.





### **DUNCAN HORSWILL**

CCO, SØREN JENSEN CONSULTING ENGINEERS Duncan is a chartered structural engineer originally from the UK but now living and working in Copenhagen. In his career he has worked with a number of notable architects on projects in the UK, UAE, Europe and Russia. He has a keen interest in sustainability and has authored several papers regarding engineered timber products like cross laminated timber and how this material in combination for a growing demand for housing, could help Copenhagen achieve carbon neutrality by 2025

### EMIL ENGELUND THYBRING VILLUM

POSTDOC UNIVERSITY OF COPENHAGEN

Emil's research focus is on wood material behaviour and how it is affected by water within cell walls. The transition to a biobased society requires that we expand our use of renewable materials of which wood is the most important for structural purposes. Since the material behaviour such as mechanical performance and resistance to biodegradation is dramatically altered by water, it is of great importance to understand the wood-water interactions in order to potentially control them.





### FRANK ERICHSEN

### FARMER, CRAFTSMAN AND AUTHOR

During the last 15 years Frank has worked with self-sufficiency and sustainable building. He has learned that the keystones to changing the world is through practical knowledge. If we once again learn to use our hands, we stand a much better change to understand nature. And gain a more holistic approach on how to move the world in a greener direction. Frank has recently lead a design build project in collaboration with Arhus Architecture School and is television personality of the DR's Bonderøven.

### JAKOB RYGG KLAUMANN

REPRESENTING DANISH WOOD INITIATIVE Jakob loves the working forest and all the positive attributes of timber. Jakob holds a MSc in Forestry from the Royal Veterinary and Agricultural University of Copenhagen. Jakob has been working to promote the use of timber for more than 15 years. Since 2009, he has been the head of the Danish Timber Trade Federation and he is also acting as secretary for the Danish Wood Initiative. Most recently, Jakob has been a core group contributor to the Go2WOOD initiative.





### **JASPER STEINHAUSEN**

BUSINESS ADVISOR & OWNER, OUROBOROS AS Jasper Steinhausen has extensive experience in using the circular economy mindset to create business solutions with imbedded environmental results. He has worked in a range of sectors and for several years with the leading actors in the engineering field and porfessionals in the built environment. He brings a unique and valued perspective for wood as a material in the whole bio-regional value chain. His passion, skills and the capabilities are ideal to facilitate progress for the Go2WOOD initiative.

### JESPER PANDURO

OWNER AND CHIEF EXECUTIVE OFFICER AT SKAGERAK Skagerak is a family owned company established in Denmark in 1976. It has its strong roots in the Scandinavian geographical and proud furniture tradition. The company's passion for quality and wood has remained intact as Skagerak has developed into an internationally recognized design brand. A core company philosophy is the belief that it pays to make an effort to treat people and environment with respect- a philosophy that is as true for Skagerak as it is for Jesper Panduro.





### JONAS RÖNNBERG

HEAD OF SECRETARIAT FOR NORDIC FOREST RESEARCH (SNS) Jonas has been a student of the forest and it's wonders for a long time. As the Vice Dean of Faculty of Forest Sciences, SLU, he has been a leading voice in Sweden and the Baltic Sea Region for forest management, influencing both public policy and commercial cooperation. Jonas bridges across borders to forge new bio-regional relationships, promoting internationalism as a means to maintain a balance of ecology and economy for forest, and society.

### JØRGEN MUNCH-ANDERSEN

SENIOR ADVISOR, MSC (STRUCT ENG), PHD, TRÆINFORMATION Jørgen's work regularly addresses all aspects of using wood materials in building structures- in structural engineering, building physics and performance requirements that include load calculations. Jørgen's major task at Træinformation is to contribute to developing the directions and software tools published by the company. He participates in standardisation discussions as chair of the Danish Standards committee on timber structures and he also represents Denmark in CEN-committees





### **KAREN MacLEAN**

### CO-FOUNDER OF DEN GRØNNE FRISKOLE

Karen MacLean, Ph.D., is American and has lived in Denmark for 20 years. She is the co-founder of Den Grønne Friskole, a Danish Transition school that aims to educate children for sustainability and a green future.

Karen tells about what is special in wood as a teaching materials in primary school, based on the school's own practice of preparing students to be visionary and critical thinking, democratic, free thinking and open about knowledge sharing.

### KAREN SOFIE BLINCOE

ACTING CHAIR, CHORA CONNECTION

Sustainability, design and education are the three pillars on which Karen's expertise rests. At CHORA CONNECTION, Karen leads the diverse group which addresses current and future issues regarding resiliency and sustainability, both from a practical as well as a theoretical viewpoint. She is also Founder/Director of ICIS, Denmark, the former Director of Schumacher College in Devon UK and Head of Institute, and the Danish Design College, CPH, now called the School of Design, Academy of Arts, CPH.





### **KATIE SYMONS**

SENIOR ENGINEER, SMITH AND WALLWORK ENGINEERS Katie is and a chartered structural and civil engineer. She has a particular specialism in embodied energy and carbon in construction, having completed a research project on the subject at Cambridge University. Smith and Wallwork is an exciting new structural engineering practice that has particular expertise in timber construction. Katie is involved in the everyday design of timber (mainly CLT) structures, drawing on her research on life cycle analysis of timber.

### KIM AXELSEN

OWNER PA SAWMILL A/S AND OWNER AT WIKING GULVE A/S Kim is 40 years old and 20 years working with wood. For 10 years he was busy with importing Russian softwoods and sustainable Danish hardwoods thereafter. As a manager for a high end production company, he put a lot of effort into assuring the companies were running a sustainable production and securing sustainable raw material for the next generations. As a "sawmiller", Kim is also quite interested in "home production" and the impact of keeping the production in Denmark instead of exporting logs.





### **KRISTINE SUNDAHL**

ARCHITECT, INDUSTRIAL PHD-FELLOW DBI AND KADK Kristine is writing a PhD on wood, using re as a theoretical and physical actant to investigate and challenge the understanding of the material. In the building industry, new and taller wood structures are challenging the earlier understanding of small light timber frame houses, by using new engineered wood materials which homogenises the wood into a calculable building product making it possible to build tall timber structures. The PhD investigates the architectural potentials in this development.

### **KRISTOFFER TEJLGAARD**

ARCHITECT AND BUILDER, ATELIER KRISTOFFER TEJLGAARD Kristoffer has been working with wood since he finished his education in 2006. He has run his own studio since 2011 whose main aim is to challenge the way we use wood in architecture today, both technologically and culturally. His constructions, including the Dome of Visions, a 21m polycarbonate dome on CLT geodesic structure, constitute an evolving and focused research, opening these questions for future development. The Dome of Visions is a collaboration between NCC and NXT.



### LEIF GUSTAVSSON

### PROFESSOR, LINNAEUS UNIVERSITY

Leif's main field of research is systems analysis from a bottom-up perspective linked to sustainable development, especially building construction, energy e ciency, renewable energy, forestry and the interaction between these elds. The aim of his research is to increase understanding of how resource and cost-efficient systems with low environmental impact can be designed, analysed and implemented. His comparative analysis between concrete and wood was an early benchmark for the Go2WOOD initiative.





### MICHAEL KVIST

OWNER, CCO AND BOARD MEMBER AT KVIST INDUSTRIES A/S Michael's mission at KVIST Industries is to find and adapt to the market trends. One of his responsibilities is to ensure market development for the company. Kvist industries takes responsibility for the impact on climate change and employee rights. With a special intersection between manufactures, designers and brands, Kvist takes an active and early involvement in the product development, using their wood know-how competences to create high quality products while maintaining great design.

### MICHAEL GREEN

PRINCIPAL, MICHAEL GREEN ARCHITECTURE Michael founded his architecture firm MGA and his not for profit school DBR to focus on progressive architecture, research, education and innovation. MGA is vested in building healthier communities through innovative architecture, interiors, landscape, and urban design. Michael is particularly known for his research and leadership in promoting the use of wood in the built environment with extensive international talks on the subject, including his TED talk which has been viewed over a million times.





### MIKAEL ELIASSON

PHD, PRESIDENT FOR SWEDISH WOOD

Mikael Eliasson has a PhD in Forestry and Forest Industry from the Swedish Royal College of Forestry. Before he came to his current position in October 2012, Mr. Eliasson has been working in the forest industry for more than 30 years in different executive functions. Between 2005 and 2009 he was the President of CEI-Bois, The European Wood working industry confederation. Mr. Eliasson is also a member of The Royal Swedish Academy of Agriculture and Forestry.

### MIKAEL KOCH

DIRECTOR ARCH. MAA. DANISH TIMBER INFORMATION Mikael is a reviewer at Formas, the Swedish research council for sustainable development and founding board member of Green Building Council Denmark. He is also an external lecturer at DIS. Mikael is the former chief advisor of sustainability at the Danish association of architectural firms and head of design at Erik Herløw Design. In his daily work he combines his knowledge of architecture, building component development and sustainability in developing knowledge and advise.





### MIKKEL KRAGH

HEAD OF BUILD PROGRAMME, DANISH ARCHITECTURE CENTRE One of Mikkel's major current projects is Sustainable Build, which employs a highly structured process to facilitate innovation in the green transformation of the construction sector. Having held international positions in research, specialist contracting, consulting, supplier, and having chaired the Society of Façade Engineering, Mikkel has insight into high performance building solutions and the role of specialist design input in the Construction Industry.

### MIKKEL MØRCH

CONSULTANT, ASSOCIATION OF DANISH WOOD & FURNITURE I. The Association of Danish Wood and Furniture Industries is an organization that represents various companies working with wood - like sawmills, manufactures of packaging, windows, doors and floors and not the least- Danish wooden furniture. Mikkel has been an effective liasson as a core member of the Go2WOOD initiative and Danish Industry, contributing valuable insight into the complexities and dynamics of the wood value chain not only in Denmark, Scandinavia but the role in the global market.





### NICK MILESTONE

MANAGING DIRECTOR OF B & K STRUCTURES LTD. With twenty years of experience in the UK steel construction industry, B & K Structures have developed a successful timber structures business utilizing steel, glulam, cross laminated timber and structural timber frame technology for the residential, education, leisure, commercial and retail markets. Nick is also an active Director for the UK Structural Timber Association, Director and Chairman of TRADA- the Timber Research and Development Association and is a board member of the Built Environment Hub.

### NIELS ELERS KOCH

### IMMEDIATE PAST PRESIDENT IUFRO

Niels Elers Koch studied forestry at the University of Copenhagen where he also obtained his Dr. Sc. in forest policy. He has an honorary doctoral degree in forest science from the Swedish Agricultural University and from the Moscow State Forest University. He is also honorary professor at the Chinese Academy of Forestry. Niels is as board member and member of executive committee for CHORA CONNECTION, creating resilent and sustainable societies.





### NIGAL PAPWORTH

SENIOR DESIGNER INTERACTIVE INSTITUTE SWEDISH ICT Nigel's main area of interest at the Interactive Institute is user response to interactive media. His work covers Artitifcial intelligence, frictional interfaces, active sustainable systems and user perception. He is one of the main creative forces involved in the Plus Project; looking at 3D printing in wood and how it relates to the building industry, with a strong focus on sustainability and social change. One of the corner stones of this project is the investigation of new, innovative materials.

### **OLA JONSSON**

ARCHITECT AND ASSOCIATED PARTNER C.F. MØLLER ARCHITECTS Ola Jonsson promotes the use of massive wood as part of achieving sustainable and progressive architectural design. Ola has a key role in a multidisciplinary research team "Tall Timber Buildings" including researchers from SP Technical Research Institute of Sweden and the Linné University. The research aims to develop innovative concepts for multistory buildings in wood. C.F. Møller is working on several projects in massive wood and has been an active participant in the Go2WOOD initiative.





### PEDER FYNHOLM

MANAGER, DANISH TECHNOLOGICAL INSTITUTE - WOOD TECH Peder holds a MSc in engineering from Technical University of Denmark with specialty in wood technology and mechanical properties. He has been at DTI since 2001 and is team leader. He works with consultancy and product development within the area of wood and bio-based products. Peder has been involved in a number of R&D and commercial projects within the area of multistorey buildings of timber, glue, wood-based panels, CLT and heads the INNO-SPIRE project in Denmark.

### PIL BREDAHL

DESIGNER AND CURATOR MDD MA

Pil is one of the initiators in Fair-Trade-Designers, which is based on using Danish design traditions and innovation processes to create design projects in developing countries. Pil works with the socioeconomic development project 'I Tråd Med Verden', where design is used as a means of generating employment and quality of life for women refugees. Pil Bredahl curated CC18, a sustainable design collection, and serves on the board for Design Denmark, 'I Tråd Med Verden' (ITMV) and ADORNOdesign.





### SIV HELENE STANGELAND

FOUNDING PARTNER AND PRINCIPAL ARCHITECT HELEN & HARD Siv Helene Stangeland is a Norwegian architect and researcher based in Stavanger, Norway. Together with Reinhard Kropf, she founded the architectural o ce Helen & Hard in 1996. Currently she is finishing a creative practice phd at Århus School of Architecture on relational design capacities. H&H has built work in Europe, North America and Asia and won several awards for their timber architecture including the Norway Pavillion in Shanghai 2010 and Vennesla library.

### SØREN NIELSEN

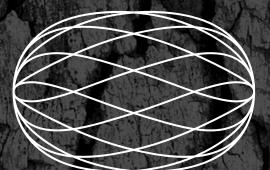
ARCHITECT AND PARTNER, VANDKUNSTEN ARCHITECTS CPH Søren Nielsen is devoted to design strategies for sustainabilityin particular resource protection, reuse, social, and cultural aspects. Vandkunsten undertakes its own research, and considers architectural design at all scales, in particular tectonic strategies, adaptable solutions, weathering of materials and wood-based construction. Nielsen has worked on numerous affordable housing projects, such as the FBAB Lisbjerg development in Aarhus, Denmark, which includes cross-laminated timber structures.





### VIVIAN KVIST JOHANNSEN

SENIOR RESEARCHER, UNIVERSITY OF COPENHAGEN FOREST Vivian's research focus is on trees and forests based on analysis of long term field experimental data, the National Forest Inventory data and remote sensing data. She studies ecology, vegetation dynamics, biodiversity, and relationships between forests ecosystem services and functions, including carbon storage and biomass. Linking the areas by means of forest management, provides knowledge for implementation in the operational forest and nature management, hence a sustainable use of wood.



### CONVECTION

Chora Connection's vision is to achieve a sustainable and resilient Denmark. Chora Connection's mission is to act as a catalyst to drive concrete behavioural change towards a sustainable society in Denmark; challenging people's current mindsets that hinder the transition as well as innovating on-the-ground sustainable practices. Chora will achieve its mission by creating interdisciplinary, multi-dimensional and cross-sectoral networks, partnerships and discourse through developing and using innovative experiments, the development and testing of prototypes, 'Open Mind' conferences, seminars, 'master classes', discussion forums and workshops.

www.choraconnection.dk