

# 5<sup>TH</sup> ACTIVE HOUSE SYMPOSIUM DESIGNING FOR PEOPLE FIRST – WHAT COMES SECOND?



27.-28. SEPTEMBER 2017

**GREEN SOLUTION HOUSE,  
ACTIVE HOUSE AWARD WINNER 2016**

Are you an architect, investor, house builder, researcher working with sustainable buildings? Or a policy maker working with framework conditions for sustainable buildings? Join the international conversation on user centric design, focus on indoor comfort tools and challenges, and a general innovation perspective.

Presentations and discussions on sustainable building design in an international perspective with specific focus on human well-being.

Case studies based on Active House principles, DGNB certification scheme and more will be presented.

The Active House Alliance invites you to come to Bornholm on 27.-28. September for 2 days packed with high level key notes, workshops on tools, monitoring and policy discussions, and networking with likeminded global sustainability frontrunners.

The 5th Active House Symposium is arranged in partnership with the Green Building Council Denmark.



Green Solution House is Active House labelled and DGNB certified.




# AGENDA

## Wednesday 27 September

- 8.30 Registration
- 09.00 Welcome
- Key note  
*Kasper Guldager Jensen "Circular Sustainability"*
- Tour of Green Solution House *Rob Marsh*  
*"Nordic Environmental Design Paradox"*  
*Peter Andreas Sattrup*
- Lunch
- Key note  
*"Superarchitecture: Daylight and Health"*  
*Terri Peters*  
*Sponsored by Great Gulf Homes*  **GREAT GULF**
- Breakout session presentations:  
Danish cases, by Danish Green Building Council  
Evaluation of sustainable buildings, experiences from cases, elaboration on new technologies
  - Workshop: How to evaluate daylight?  
Speaker: Lau Raffnsøe (Green Building Council Denmark)
  - Workshop: Session on building monitoring cases  
Sponsored by  **VELUX** Modular Skylights
- Dinner & Award 2017 winners

## Thursday 28 September

- 9.00 Key note address  
*Healthy Houses in Holstebro by Jørgen Søndermark, Realdania By & Byg*
- Breakout Sessions presentations
- Working Group sessions
  - Policy Group
  - Metrics Work Group
  - Verifier Diplomas
- Lunch
- Key Note address & wrap-up
- 14.00 end of Symposium
- Modern Living Tour of Bornholm  
18.30 Arrival in Rønne Airport  
Sponsored by ROCKWOOL International 

# SPEAKERS



## Kasper Guldager Jensen

Architect MAA, Senior Partner, Director of GXN

Kasper Guldager Jensen is Senior Partner in 3XN and Director of our innovation company GXN, which we established in 2007 to innovate and apply new knowledge and technology into our body of work. The 'G' stands for Green, highlighting GXN's dedication to ecological design research. The mission of GXN is to develop a building culture that positively affects the world we live in - both architecturally and environmentally. Kasper is passionately engaged in sustainability design, digital processes, and new materials. In the space of a few years he has become a spokesperson for the shape of future architecture, focusing on circular economy and integration of new materials and green technologies.



## Trine Richter

Managing Director, Hotel GSH, Green Solution House

Managing Director Trine Richter, former financial advisor in risk management, has developed the Green Solution House project to a groundbreaking hotel and conference center called Hotel GSH. The official opening of the conference facilities was performed by His Royal Highness the Crown Prince of Denmark the 23rd of April 2015. Hotel GSH is operated with focus on local and organic food, daylight, indoor climate and well being. Hotel GSH proves and seeks new ways to show that sustainability is much more than LED bulbs and solar panels. Hotel GSH shows a holistic approach to sustainability and demonstrates the architectural and operational solutions of tomorrow - today!



## Rob Marsh

Arkitekt MAA PhD, kompetencechef & seniorkonsulent, Arkitema Architects

Rob Marsh is an architect specializing in sustainability issues. He is the Chief for Professional Development and Senior Consultant for Sustainability at Arkitema Architects in Copenhagen, Denmark. He holds a PhD in Sustainable Housing Design from the University of Cambridge Department of Architecture.



## Terri Peters

Post-Doctoral Fellow at University of Toronto, John H. Daniels Faculty of Architecture, Landscape and Design

Terri Peters is a Post-Doctoral Researcher at the University of Toronto in Canada. Her research concentrates on sustainable architecture, in particular the human dimensions of green building performance including cultural and architectural qualities, and health and wellbeing. Her recent essay on Superarchitecture argues designers must rethink sustainable architecture and design for climate change to better include health promotion and architectural experience. Her forthcoming book "Computing the Environment: Digital Design Tools for the Simulation and Visualization of Sustainable Architecture" will be out in late 2017. She is a registered architect in the UK and earned a PhD from Aarhus Architecture School in Denmark in 2015.



## Peter Andreas Sattrup

Senior Adviser, Sustainability, Danish Association of Architectural Firms

Peter Andreas Sattrup is senior advisor on sustainability to the Association of Danish Architectural Firms. He works to promote sustainability in the built environment by consulting on policy making, communication, competence building and innovation in business models for architecture, drawing on his previous experience as a practicing architect and as a researcher and innovator. He is a very active communicator giving presentations at universities and conferences internationally. Peter Andreas is currently working on documenting the value creation of architectural design.



## István Kistelegdi

Prof. Dr. habil PhD., DLA, University of Pécs, Architect, ClimaDesign M.Sc.

Professor Kistelegdi invented an own developed structure, building and settlement scaled planning technique, called Energia Design, in order to be able to create energy plus balance in building industries. His method integrates complex engineering tools, like climate, energy and aerodynamic CFD simulations with focus on defining new boundaries for comfort energy and environmental questions in the built environment. 2015 he was granted with the highest Hungarian award "Dennis Gabor Prize" for technical innovation and its implementation in practice. He studied Architecture in Würzburg, Kassel and ClimaDesing in Munich, Germany. Currently he leads the 'Energia Design Building Technologies' research group at the University of Pécs, János Szentágothai Research Centre and work as visitor lecturer at the Technische Universität München, University of Applied Sciences Würzburg-Schweinfurt and University of Applied Sciences Wismar. After a professional educational cooperation stay at the Metropolitan University of Denver, Colorado, USA his practical work results in implemented buildings in Hungary: a Holcim Hungarian Award winning Industry and office building, the first dwelling house refurbishment into an Active House in Hungary, and an adaptive adobe demonstration building with moveable building envelope skin and further plans for 118 apartment nearly zero energy residential park, etc. His forthcoming research project deals with artificial intelligence based building design methodology.

# SPEAKERS



## **John Robinson**

Professor, Munk School of Global Affairs

Professor Robinson has a global reputation in the areas of urban sustainability, building sustainability, community engagement processes, and university sustainability programming. From 1992-2015 he was professor with the Institute for Resources, Environment & Sustainability, and the Department of Geography at The University of British Columbia (UBC). From 2012-15, he was Associate Provost, Sustainability, at UBC. He is currently an Adjunct Professor with the Copenhagen Business School, where he is leading the sustainability component of their campus redevelopment process. Professor Robinson's own research focuses on the intersection of climate change mitigation, adaptation and sustainability; the use of visualization, modelling, and citizen engagement to explore sustainable futures; sustainable buildings and urban design; creating partnerships for sustainability with non-academic partners; and, generally, the intersection of sustainability, social and technological change, behaviour change, and community engagement processes.



## **Lau Raffnsøe**

MSc in Engineering  
Technical Director, DK-GBC

Lau Raffnsøe is Technical Director at Green Building Council Denmark. He has been key responsible in implementation and development of DGNB - sustainability certification of buildings in Denmark. One of the most challenging areas of the sustainability certification are the social and functional qualities. Lau has worked closely with the architectural and engineering community on how to set relevant design goals and documentation procedures. Another of his main areas of expertise has been to develop Life Cycle Assessment (LCA) and Life Cycle Cost (LCC) as decision making tools in the design of buildings. He has a background as a consulting engineer and has worked extensively with low-energy buildings, passivhaus design, indoor climate, and other sustainability topics.



# MODERN LIVING OF BORNHOLM

Bornholm is the sunniest part of Denmark, situated in the Baltic Sea. Apart from chalk cliffs, soothing forests, bleach-white beaches and a pure, ethereal light that painters do their best to capture, Bornholm pursues an ambitious sustainability plan.

In 2008, the regional municipality decided a plan for the island to be CO<sub>2</sub> neutral and 100% sustainable by 2025. The community also works as a test bed for larger country-wide solutions.

The Symposium participants will get a chance to see Bornholm on a (clockwise) bus tour, with stops at the sustainable highlights, and local snacks and tasty foods.

The bus carries the luggage and ends at Roenne Airport in time for the flight leaving 19.45 to Copenhagen.

Read more [here](#):

The **#ModernLiving Tour of Bornholm** is sponsored by Rockwool International.



BRIGHT GREEN ISLAND BORNHOLM



## SIGN UP REGISTER

You can register to the conference by completing the following form.

Members of the Active House Alliance & national alliances and Green Building Council Denmark	<b>150 €</b>
Partnership organisations	<b>175 €</b>
Non members	<b>200 €</b>

The cost includes:  
Two days conference, two lunches and one dinner.

For the accommodation, attendees can book separately when staying at the Green Solution House for a forfait cost of 975,- DKK (one night including eco breakfast).

<http://www.activehouse.info/symposium/>

# VENUE

## **Circular sustainability**

Green Solution House is more than a building. It is a neighborhood, a community, and an island coming together to explore and demonstrate circular sustainability.

A conference center and hotel on the island of Bornholm developing innovative green solutions. Regenerative architecture with an aspiration to eliminate the concept of waste.

## **A holistic approach**

The vision for Green Solution House is to be a demonstratorium for circular sustainability with three goals

- 1) to demonstrate green solutions
- 2) to promote continuous improvement
- and 3) to enable knowledge sharing.

The design of the building itself is based on several parameters to show a holistic approach to sustainability. The building has been certified to DGNB standards, documented as an Active House and accepted in the Cradle to Cradle registry.

The renovated hotel rooms and new conference building reaches out into the surrounding nature park where seasonal lakes ensures that all water is handled on site and creates habitat for local biotopes and red listed species.

<http://www.greensolutionhouse.dk/kontakt/>

## **Transport**

The quickest connection to Bornholm is via air transport, 35 mins.

Suggested flights:

Fly from Copenhagen Airport 7.30 on 27. September and back on 28. September at 19.45

There will be a joint transportation to and from the conference for these flights.

See a map here:

<http://www.greensolutionhouse.dk/en/contact/>

## **Accommodation**

Attendees reserve individually overnight stays.

Staying at the Green Solution House costs 975 DKK / 130€ pr night including eco breakfast in connection with the symposium.

Please reserve your room through the following email address: [info@greensolutionhouse.dk](mailto:info@greensolutionhouse.dk)

## **Prizes**

Nominated for Sustainia Award 2013, Commercial Building of the year 2015, included in The Cradle to Cradle Registry 2015, The EU Environmental Award 2016, Winner Active House Award 2016, Nominated for the EU – Mies van der Rohe Award 2016



Green Solution House  
Strandvejen 79  
DK-3700 Rønne

Further info about the venue:  
[www.greensolutionhouse.dk](http://www.greensolutionhouse.dk)

Green Solution House is the winner of the 2016 Active House Label Contest.