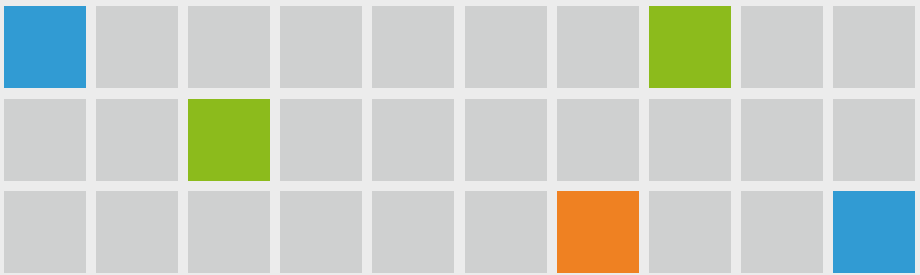




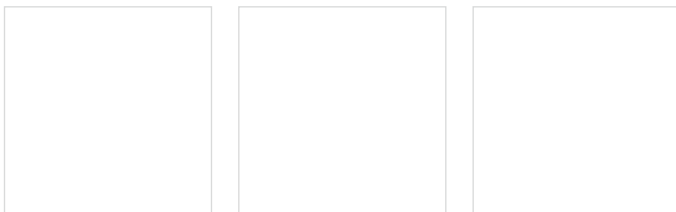
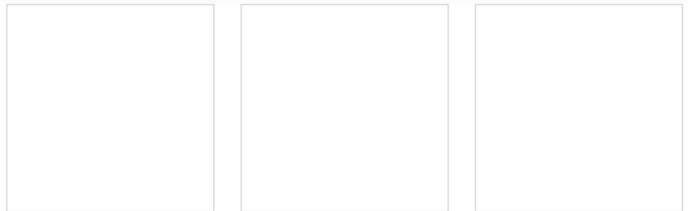
# Conference Programme

3rd Nordic Passive House Conference 7 - 8 October 2010  
Aalborg Culture & Congress Centre

## TOWARDS 2020 – SUSTAINABLE CITIES AND BUILDINGS



R  Passivhus.dk



## Table of Contents

Session 1	page 4	Session 14	page 13
Session 2	page 5	Session 15	page 14
Session 3	page 5	Session 16	page 15
Session 4	page 6	Session 17	page 15
Session 5	page 7	Session 18	page 16
Session 6	page 7		
Session 7	page 8	Map Ground Floor	page 17
Session 8	page 9	Map »To Meeting Rooms«	page 18
Session 9	page 9	Map 1.Floor	page 19
Posters	page 9		
Session 10	page 10	Workshop 1	page 6
Session 11	page 11	Workshop 2	page 8
Session 12	page 11	Workshop 3	page 12
Session 13	page 13	Workshop 4	page 14

	Architecture towards 2020	Future Market	Research & Methods	Workshops
<i>Room</i>	<i>Europahallen</i>	<i>Rudiosalen</i>	<i>Musiksalen</i>	<i>Laugstuen</i>
<b>Thursday 7 October</b>				
9.30 – 11.30	Plenary Session in Europahallen			
13.00 – 14.30	Session 1	Session 2	Session 3	1. Komforthusene
15.00 – 16.30	Session 4	Session 5	Session 6	2. Green Cities
17.00 – 18.00	Session 7	Session 8	Session 9	Poster Session
<b>Friday 8 October</b>				
9.00 – 10.15	Plenary Session in Europahallen			
10.30 – 12.00	Session 10	Session 11	Session 12	3. Lowenergy Social Housing
13.30 – 14.45	Session 13	Session 14	Session 15	4. Education
15.15 – 16.15	Session 16	Session 17	Session 18	
16.30 – 17.00	Plenary Session in Europahallen			

## Towards 2020 – Sustainable Cities & Buildings

The 3rd Nordic Passive House Conference focuses on the latest examples of energy efficient and sustainable building, methods, energy & building consultancy services and education.

Super energy efficient building creates new challenges for architects, consultants and contractors. It sets demands on materials, products, measuring and quality assurance. The building consultants will have to experience new ways of cooperation. They will ask for more training & supplementary education. The new solutions and higher quality should also contribute to better indoor climate, user experience and tolerance of our buildings to changing users, demands and climatic conditions.

The first Nordic Passive House Committee was appointed in 2007 and the first two conferences were held in Norway in 2008 and in Sweden in 2009. The next conference will be in Finland in 2011. Each year a new scientific committee is appointed to evaluate the submitted papers and to approve the program for the conference. Members of the Scientific Committee in 2010 were:

- Hans Eek, Passivhuscentrum, SE
- Simone Kreutzer, Tyréns, SE
- Tor-Helge Dokka, Sintef, NO
- Riikka Holopainen, VTT, FI
- Vesa Peltonen, Vahanen Consulting Engineers, FI
- Tine S. Larsen, Aalborg University, DK
- Per Heiselberg, Aalborg University, DK
- Inge Vestergaard, Aarhus School of Architecture, DK
- Elsebeth Terkelsen, Aarhus School of Architecture, DK
- Ruut Peuhkuri, Passivhus.dk, DK
- Søren Pedersen, Passivhus.dk, DK

We hope that the 3rd Nordic Passive House Conference will contribute to the implementation of energy efficient building and continuous development of the building standard towards sustainable cities and buildings in 2020.

Best regards  
The Organizers

*Aalborg University, Aarhus School of Architecture, Passivhus.dk*

## Programme for the 3rd Nordic Passive House Conference

### Thursday 7 October

9.30 – 11.30	Plenary Session	Europahallen	EN
--------------	-----------------	--------------	----

9.30	<b>Welcome to the Conference</b> by Aalborg University, Aarhus School of Architecture and Passivhus.dk, DK		
------	--	--	--

10.00	<b>Passive House Building – 2020 Already Now!</b> Univ.-Prof. Dr. Wolfgang Feist, University Innsbruck and Passive House Institute, Darmstadt, DE		
-------	--	--	--

10.40	<b>Building and the Overall Energy System</b> , Professor Henrik Lund, Aalborg University, DK		
-------	---	--	--

11.20	<b>Conference information</b> , Søren Pedersen, Director, Passivhus.dk, DK		
-------	--	--	--

11.30 – 13.00	Lunch Break		
---------------	-------------	--	--

13.00 – 14.30	Session 1	Europahallen	DA/EN
---------------	-----------	--------------	-------

#### Arkitektur mod 2020 – Architecture Towards 2020

<b>Chairman</b>	Inge Vestergaard, Architect maa, Aarhus School of Architecture, DK		
-----------------	--	--	--

<b>20 min</b>	<b>4D Bæredygtigt Byggeri</b> i Ørestad/ <b>4D Sustainable Building</b> in Ørestad, Lars Thiis, Architect maa, CUBO Arkitekter, DK		
---------------	--	--	--

<b>40 min</b>	<b>BOLIG+ Konkurrencen/ The "BOLIG+ Competition"</b> ; Rie Øhlenschlæger Architect maa, BOLIG+; Lars Kvist, Architectural Engineer, Arkitema Architects, TEAM+; Simon Kamper, MSc, Esbensen; TEAM+, DK		
---------------	--	--	--

<b>30 min</b>	<b>Solar Decathlon Europe 2010</b> , Zero-energy House for Warm and Cold Climates, Kimmo Lylykangas, Research Manager Architect SAFA, Aalto University, FI		
---------------	--	--	--

<b>13.00 – 14.30</b>	<b>Session 2</b>	<b>Rudiosalen</b>	<b>EN</b>
----------------------	------------------	-------------------	-----------

### Eco-Efficient Building from A-Z

- |                 |  |
|-----------------|--|
| <b>Chairman</b> | Karsten Fröhlich Hougaard, Architect maa, Aarhus School of Architecture, DK  |
| <b>25 min</b>   | <b>Northpass</b> , Criteria for Very Low Energy Building, Søren Pedersen, MSc, Director, Passivhus.dk, DK                            |
| <b>15 min</b>   | <b>Certification and the International Passive House Criteria</b> , Adrian Tschui, BSc, HVAC Engineering, Passivhus.dk, DK           |
| <b>25 min</b>   | <b>From Passive House to Zero Emission Building: How Much Energy Generation is Needed?</b> Igor Sartori, PhD, Researcher, SINTEF, NO |
| <b>25 min</b>   | <b>Passive House Design</b> as an Important Path to +Energy Houses, Karin Adalberth, PhD, Prime Project, SE                          |

<b>13.00 – 14.30</b>	<b>Session 3</b>	<b>Musiksalen</b>	<b>EN</b>
----------------------	------------------	-------------------	-----------

### Energy Supply and Renewable Energy

- |                 |  |
|-----------------|--|
| <b>Chairman</b> | Per Heiselberg, Professor, Aalborg University, DK  |
| <b>22 min</b>   | <b>The Density of Sustainable Settlements</b> , Michael Lauring, Architect maa, PhD, Assistant Professor, Aalborg University, DK |
| <b>22 min</b>   | <b>Renewable Energy</b> , Solar Systems & Wind Power, Troels Kildemoes, MSc, Ellehauge & Kildemoes, DK                           |
| <b>22 min</b>   | <b>Innovative District Heating in Low Energy Houses</b> , Anders Fransson, Project Manager, Göteborg Energy, SE                  |
| <b>22 min</b>   | <b>Sustainable Energy Supply</b> for Passive House Developments, Inger Andresen, Dr.ing., Senior Scientist, SINTEF, NO           |

**13.00 – 14.30    Workshop 1 - Komforthusene    Laugstuen    DA**

**In Danish**

**Status efter 2 års Drift af Nogle af de Første Passivhuse  
The Comfort Houses – Status after 2 Years of Operation**

**5 min**

**Velkomst og Status for Projektet, Charlotte Højmark, Ingeniør, Saint Gobain Isover A/S, DK**

**15 min**

**Komforthusene – Udvikling af Passivhuskonceptet i en Dansk Kontekst, Tine Steen Larsen, MSc, PhD, Aalborg University, Charlotte Højmark, Ingeniør, Saint Gobain Isover A/S, DK**

**15 min**

**Kvantitativ og Kvalitativ Evaluering af Indeklimaet i Komfort Husene, Camilla Brunsgaard MSc, Aalborg University, DK**

**55 min**

**Diskussion – Fremtidens Lavenergi og Passivhuse, Charlotte Højmark, Ingeniør, Saint Gobain Isover A/S, DK**

**14.30 – 15.00    Coffee Break**

**15.00 – 16.30    Session 4    Europahallen    DA/ EN**

**Arkitektur Mod 2020 - Architecture Towards 2020**

**Chairman**

Søren Pedersen, MSc, Director Passivhus.dk

**22 min**

**Integreret Projektering/ Integrated Design, Vibeke Grupe Larsen, Architect maa, VGLCPH, Danish Architects' Association, DK**

**22 min**

**Sunshinehouse, Arkitektur, Udvikling og Industrialisering/ Sunshinehouse Competition Eec Living Passivhouse, Brian Andersen, Architect maa, Aarstiderne Arkitekter, DK**

**22 min**

**Aktivt Vindues Design/ The Active Window Design, Søren Riis Dietz, Architect maa, Bjerg arkitektur, DK**

**22 min**

**EUC Nord - The First Passive House School in Denmark, Mark Krebs, Architect maa, Certified Passive House Designer, Bjerg arkitektur, DK**

### Colder Climate

- Chairman** Vesa Peltonen, Architect SAFA, Vahanen Consulting Engineers, FI
- 22 min** **Apartment Buildings Built** in Timber Construction Using Passive House Principles, Ivana Kildsgaard, MSc, IVL Swedish Environmental Research Institute, SE
- 22 min** **Passive House Aitolahti** - Matching the Challenge of Building a Small House within the Limit of 15 kWh/m<sup>2</sup>a in Finland, Juha Päätao, Passive House Consultant, FI
- 22 min** **The RENORD Project**, Research Design for the Study of Passive House Modernisation Processes and Technologies, David N. Benjamin, PhD, NO

### Life Cycle Assessments, LCA

- Chairman** Hans Eek, Architect, Passivhuscentrum, SE
- 22 min** **Life Cycle Primary Energy Use** of an Apartment Building Designed to the Current Swedish Building Code or Passive House Standard, Leif Gustavsson, Professor, Linnaeus University, Växjö/Mid Sweden University, Östersund, SE
- 22 min** **Life Cycle Assessment** of Norwegian Wood-based Building Materials, Catherine Grini, Scientist, SINTEF, NO
- 22 min** **Life Cycle Energy Flows**, Costs and Emissions in the Norwegian Residential Buildings 1960-2050, Nina Holck Sandberg, PhD Candidate, NTNU, NO
- 22 min** **Tool for Very Low Energy Building System Analysis**, Kaisa Svennberg, Senior Researcher, PhD, IVL Swedish Environmental Research Institute, SE

<b>15.00 – 16.30</b>	<b>Workshop 2</b>	<b>Laugstuen</b>	<b>EN</b>
----------------------	-------------------	------------------	-----------

### Green Cities – Future Cities

**In English**      **Moderator** Pia Høyer, Architect maa, Aarhus School of Architecture, DK

**30 min**      **Welcome by Claus Nickelsen**, Head of Technique & Environment, Aarhus Municipality, DK

**Aarhus Climate Action Plan 2030**, Climate & Energy Projects by Jan Nielsen, Head of Climate Action in Aarhus Municipality, DK

**30 min**      **Oslo Municipality Climate & Energy Action Plan** by Building Coordinator David Brasfield, Oslo Municipality, NO

**FutureBuilt – Development of Climate Neutral Cities** with a High Standard and a Reduced CO2 Emission Silvie Le Muzic, Head of Unit, Architecture and Planning, City of Oslo - Agency for Planning and Building Services, The Ressource Center, NO

**35 min**      **Debate & Conclusions**

<b>16.30 – 17.00</b>	<b>Coffee Break</b>
----------------------	---------------------

<b>17.00 – 18.00</b>	<b>Session 7</b>	<b>Europahallen</b>	<b>DA/EN</b>
----------------------	------------------	---------------------	--------------

### Arkitektur mod 2020 - Architecture Towards 2020

**Chairman**      Pia Høyer, Architect maa, Aarhus School of Architecture, DK

**30 min**      **Fra Energoptimering til 0-Energi Renovering/ From Energy Optimization to Zero-Energy Refurbishment**, Anne Marie Holt Christensen, Architect maa, Albertslund Kommune; Henrik Mielke, Manager COO, Enemærke og Petersen, DK

**Det Første 0-energireoveringsprojekt i Danmark/ The First Zero Energy Housing Renovation Project in Denmark**, Peder Vejsig Pedersen, MSc, Cenergia, DK

**30 min**      **How to Cross Barriers - »Lærkehaven«**, Sustainable Low Energy Housing and Passive Houses for Social Housing, Rie Øhlenschläger, Architect maa, AplusB, DK

**17.00 – 18.00    Session 8    Radiosalen    EN**

**Refurbishment of Single Family Houses**

- Chairman**    Tine S. Larsen, MSc, PhD, Aalborg University, DK
- 20 min**    **Renovation of Single Family Houses** – an Emerging Market, Trond Haavik, MBA, Segel, NO
- 20 min**    **Energy Refurbishment** of Existing Buildings to Passive House Level, Louise Eriksen, Tech. Manager, Rockwool International, DK
- 20 min**    **Low Energy Refurbishment** of Single Family Houses from 1970, Jørgen Søndermark, Architect maa, Realea, DK

**17.00 – 18.00    Session 9    Musiksalen    EN**

**Quality Control for Ventilation and Air Tightness**

- Chairman**    Per Heiselberg, Professor, Aalborg University, DK
- 20 min**    **Optimal ventilation & Heat Recovery**, Quality Control, Svein H. Ruud, Tekn.Lic / MSc, SP Technical Research Institute, SE
- 20 min**    **Air Tight Building Envelope: The Right Process**, Eva Sikander, MSc, SP Technical Research Institute of Sweden, SE

**17.00 – 18.00    Poster Session    Laugstuen    EN**

- Chairman**    Riikka Holopainen, Senior Research Scientist, VTT, FI
- 15 min**    **Considering the Possible Changes** of the Future Climate in Designing the Sustainable Buildings, Vahid Nik, Chalmers University of Technology, SE
- 15 min**    **Elverhuset Kindergarten in Høje Taastrup**, Mark Krebs, Architect maa og Søren Riis Dietz, Architect maa, Bjerg arkitektur, DK
- 15 min**    **Heating and Warm Water Heating** for Low Energy Building and Passive Housing, Magne Mikal Våge, University of Agder, NO
- 15 min**    **Air Tight Building Envelope: The Right Details**, Paula Wahlgren, PhD, Chalmers University of Technology, SE

## Programme for the 3rd Nordic Passive House Conference

### Friday 8 October

9.00 – 10.15	Plenary Session	Europahallen	EN
--------------	-----------------	--------------	----

9.00 – 9.10	<b>Welcome</b> , by Charlotte Bundgaard, Prorector, PhD, Associate Professor at Aarhus School of Architecture, DK		
-------------	---	--	--

9.10 – 9.45	<b>Achieving Climate Neutrality</b> in the Building Sector by 2050 - with Examples of Refurbishments to Passive House Level, Architect, Dr. Burkhard Schulze Darup, Schulze Darup & Partner Architekten, DE		
-------------	---	--	--

9.45 – 10.15	<b>Challenges of Refurbishment in Social Housing</b> , Rolf Andersson, Building Director, the Social Housing Company KAB, DK		
--------------	--	--	--

10.30 – 12.00	Session 10	Europahallen	DA/ EN
---------------	------------	--------------	--------

#### Schools and Kindergartens

<b>Chairman</b>	Inge Vestergaard, Architect Maa, Aarhus School of Architecture, DK		
-----------------	--	--	--

<b>22 min</b>	<b>Fremtidens Daginstitutioner, Future Kindergartens</b> , Charlotte Ankerstjerne Schunck MSc, Albertslund Kommune; Torben Vinge Rasmussen, MSc, Wissenberg, DK		
---------------	---	--	--

<b>22 min</b>	<b>»Marienlyst Skole«- The First Passive House School in Norway</b> Tor Helge Dokka, Senior Scientist, SINTEF Byggforsk, NO		
---------------	---	--	--

<b>22 min</b>	<b>»The Green Planet«, Daginstitution/ Kindergarten</b> in Copenhagen, Bo Christensen, MSc, Indoor Environments, Wissenberg, DK		
---------------	---	--	--

<b>22 min</b>	<b>Passive House Kindergarten »Skogslunden«</b> , Birgitta Grebius, Architect SAR/MSA, bleck arkitekter, SE; Kristin Åberg Nilsson, Project Manager, Tema Miljö & Energi, SE		
---------------	--	--	--

<b>10.30 – 12.00</b>	<b>Session 11</b>	<b>Rudiosalen</b>	<b>EN</b>
----------------------	-------------------	-------------------	-----------

### A Developing Market

- |                 |  |
|-----------------|--|
| <b>Chairman</b> | Riikka Holopainen, Senior Research Scientist, VTT, FI  |
| <b>22 min</b>   | <b>Action Plan for Passive House</b> as the Standard Solution, Lars Myhre, Dr.Ing, The Norwegian Homebuilder's Association, NO                                 |
| <b>22 min</b>   | <b>From Demonstration Projects</b> to Volume Market - Market Development of Advanced Housing Renovation, Are Rødsjø, Project Leader, MSc, The Housing Bank, NO |
| <b>22 min</b>   | <b>The Million Program</b> to Become Passive House Standard, Helena Westholm, SAR/MSA Architect, Efem Architect Office, SE                                     |
| <b>24 min</b>   | <b>Debate</b>  |

<b>10.30 – 12.00</b>	<b>Session 12</b>	<b>Musiksalen</b>	<b>EN</b>
----------------------	-------------------	-------------------	-----------

### Moisture Problems in Buildings

- |                 |  |
|-----------------|--|
| <b>Chairman</b> | Ruut Peukhuri, MSc, PhD, Passivhus.dk, DK  |
| <b>30 min</b>   | <b>Risk of Performance Failure</b> in New and Retrofitted Building Envelopes, Carl-Eric Hagentoft, Professor, Chalmers University of Technology, SE                              |
| <b>20 min</b>   | <b>Evaluation of Critical Moisture Problems</b> in Building Elements & Wooden Constructions, Charlotte Svensson Tengberg, Licentiate in Engineering Building Physics, Skanska SE |
| <b>20 min</b>   | <b>Increased Insulation Thickness</b> and Moisture, Stig Geving, PhD, SINTEF, NO   |
| <b>20 min</b>   | <b>How to Prevent</b> Natural Convection Causing Heat Loss and Moisture Problems in Thick Insulation Layers, Sivert Uvsløkk, MSc, SINTEF, NO                                     |

**In Danish** **Lavenergirenovering og Lavenergibyggeri i Almene Boliger / Low Energy Refurbishment and Low Energy Building in Social Housing**

**Velkommen** ved Rolf Andersson, Byggedirektør, KAB, DK

**Muligheder og barrierer**

Moderator Rie Øhlenschläger, Arkitekt maa, AplusB, DK

**8 min** **Boligselskabet Rosenvænget**, Lavenergirenovering i Frederikssund, Bent Gordon Johansen, Regionschef, Domea, DK

**8 min** **Klimaprojektet i Langkærparken** i Tilst, Lavenergirenovering, Claus Poulsen, Forretningsfører Al2bolig, DK

**8 min** **Lavenergirenovering Skovgaardsparken**, Steen Thomsen, Direktionssekretær, Brabrand Boligforening, DK

**8 min** **Passivhuse H2 College** Herning, Bjarne Krogh Jensen, Direktør, Boligselskabet Fruehøjgaard, DK

**8 min** **Lavenergiboliger og passivhuse** i Lystrup, Palle Jørgensen, Direktør Boligforeningen Ringgaarden, DK

**8 min** **Energi0** Boliger, Ulrik Steen Jensen, Bygge og Udviklingschef, Lejerbo, DK

**32 min** **Paneldebat**

Moderatorer Rie Øhlenschläger, Arkitekt maa AplusB & Rolf Andersson, Byggedirektør KAB, DK

Michael Lynnerup Kristensen, Kontorchef Socialministeriet, Boligfagligt område, Almen bolig, DK

Anni Kær Pedersen, Kommunernes Landsforening, Konsulent, Teknik og Miljø, Bygge og Boligområdet, DK

Olav Kirchhoff, Boligselskabernes Landsforening, Sekretariatsleder »Almen Net«, DK

**5 min** **Konklusioner**

**12.00 – 13.30 Lunch Break**

**13.30 – 14.45 Session 13 Europahallen DA/EN**

**Arkitektur mod 2020 - Architecture Towards 2020**

**Chairman** Tine S. Larsen, MSc, PhD, Aalborg University, DK

**25 min** **Villa Alstrup in Esbjerg**, Mette Nymann Nielsen, Architect maa, C.F. Møller Architects, DK

**25 min** **Passivhuse, 0-energi & Plusenergiarkitektur/ Passive, Zero & Plus Energy Architecture in Denmark**, Olav Langenkamp, Architect eth-maa, Langenkamp.dk, DK

**25 min** **H2College, Passivhuse, Almene Ungdomsboliger i Herning/ H2 College – Passive House Youth Colleges**, Lars Sylvester, Architect maa, aarhus arkitekterne, DK

**13.30 – 14.45 Session 14 Radiosalen EN**

**A Developing Market**

**Chairman** Vesa Paltonen, Architect SAFA, Vahanen Consulting Engineers, FI

**25 min** **LÅGAN** - For Implementation of Buildings with Very Low Use of Energy, Åsa Wahlström, PhD, CIT Energy Management, SE

**25 min** **How a Cluster for Passive Houses was Created** in Western Sweden, Åsa Lindell, Project Manager, Miljösekretariatet, Västra Götaland, SE

**25 min** **IEE-project NorthPass:** Promotion of the Very Low-Energy House Concept to the North European Building Market, Riikka Holopainen, Senior research Scientist, VTT Technical Research Centre of Finland, FI

**13.30 – 14.45      Session 15      Musiksalen      EN**

**Indoor Climate**

- Chairman** Tor Helge Dokka, Senior Scientist, SINTEF Byggeforsk, NO
- 25 min**      **Water Based Heating and Cooling** in Low Energy Houses, Lars Sønderby Nielsen, Marketing Manager, Uponor, DK
- 25 min**      **Evaluation of the Energy** Use and Thermal Comfort in “Hamnhuset” – the Largest Multifamily Dwelling in Sweden Constructed Using Passive-House Technology, Pernilla Gervind, MSc, SP Technical Research Institute of Sweden, SE
- 25 min**      **Monitoring of Indoor Environment** and Energy Use in the Renovated Buildings at Brogården in Alingsås, Kristina Mjörnell, PhD, SP Technical Research Institute of Sweden, SE

**13.30 – 15.00      Workshop 4 - Education      Laugstuen      EN**

**In English      Education & Low Energy Building**

- Moderator** Søren Pedersen, MSc, Director, Passivhus.dk, DK
- 8 min**      **Evaluation of Passive House Workshop for Architects**, Anders Linde Architect, Passivhuscentrum, SE
- 12 min**      **Training of Certified Passive House Designers in Sweden and Denmark**, Sonja Ritscher, Building Physics, Tyréns AB, SE; Ruut Peuhkuri, Senior Consultant PhD, Passivhus.dk, DK
- 8 min**      **Master Programme in Sustainable Architecture: Towards a Zero Emission Built Environment**, Matthias Haase, Førsteamanuensis, Norwegian University of Science and Technology, NO
- 8 min**      **MEGA Master in Energy and Green Architecture**, Merethe Kruse, Architect maa, Aarhus School of Architecture, DK
- 12 min**      **Competences and Strategic Development on Sustainability**, Jens Joel, Cand.Scient.Pol/ MA, Aarhus School of Architecture, DK
- 12 min**      **How can Architectural Education be Developed to Meet Future Energy Standards?** Luna Fruensgaard M.S. Arch, Carnegie Mellon University, US
- 30 min**      **Debate & Conclusions**

**14.45 – 15.15 Coffee Break**

**15.15 – 16.15 Session 16 Europahallen DA/ EN**

### Lowenergy Refurbishments

- Chairman** Jens Joel, Cand.Scient.Pol/ MA, Aarhus School of Architecture, DK
- 20 min** **Life Cycle Costs and Prefabrication** in Refurbishments, Erik Prejer, MSc, IVL Swedish Environmental Research Institute, SE
- 20 min** **Energy Refurbishment of 'Langkærparken', A12Bolig**, Simon Kamper, MSc, Esbensen Rådgivende Ingeniører, DK
- 20 min** **Lowenergy Refurbishment, Brabrand Boligforening**, Anders Rytter Bentzen, MSc, Moe & Brødsgaard Rådgivende Ingeniører, DK

**15.15 – 16.15 Session 17 Radiosalen EN**

### Certification and Development

- Chairman** Tor Helge Dokka, Senior Scientist, SINTEF Byggforsk, NO
- 20 min** **Green Building Council** - Certification Schemes for Sustainable Buildings, Klaus Hansen, Senior Researcher, SBI Danish Building Research Institute, DK
- 20 min** **Active House, Energy, Indoor Climate & Environment**, Kurt Emil Eriksen, Head of Active Housing and Strategic Projects, VKR Holding, DK
- 20 min** **Debate**

**15.15 – 16.15      Session 18      Musiksalen      EN**

**Windows**

**Chairman**      Hans Eek, Architect, Passivhuscentrum, SE

**20 min**      **Intelligent Glazed Facades** for Fulfillment of Future Energy Regulations,  
Frederik Vildbrad Winther, PhD Candidate, Aalborg University, DK

**20 min**      **Energy Performance of Windows**, Søren Pedersen, MSc, Director  
Passivhus.dk, DK

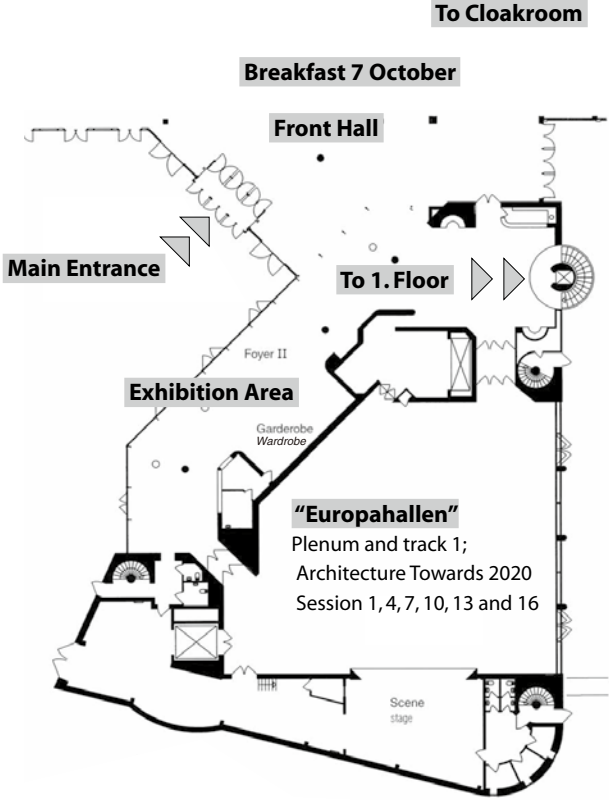
**20 min**      **Window Shutters**, Helena Bülow-Hübe, PhD, Tyrens, SE; Marja Lundgren,  
Architect SAR, White Architect, SE

**16.30 – 17.00      Plenary Session      Europahallen      EN**

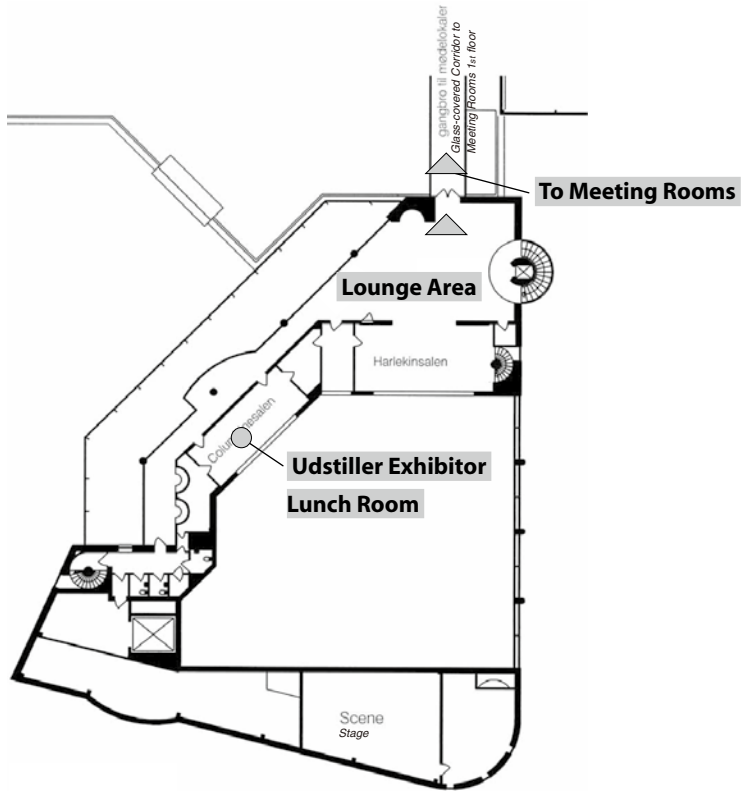
**3<sup>rd</sup> Nordic Passive House Conference Conclusions**

**Information about Next Years Conference in Finland**

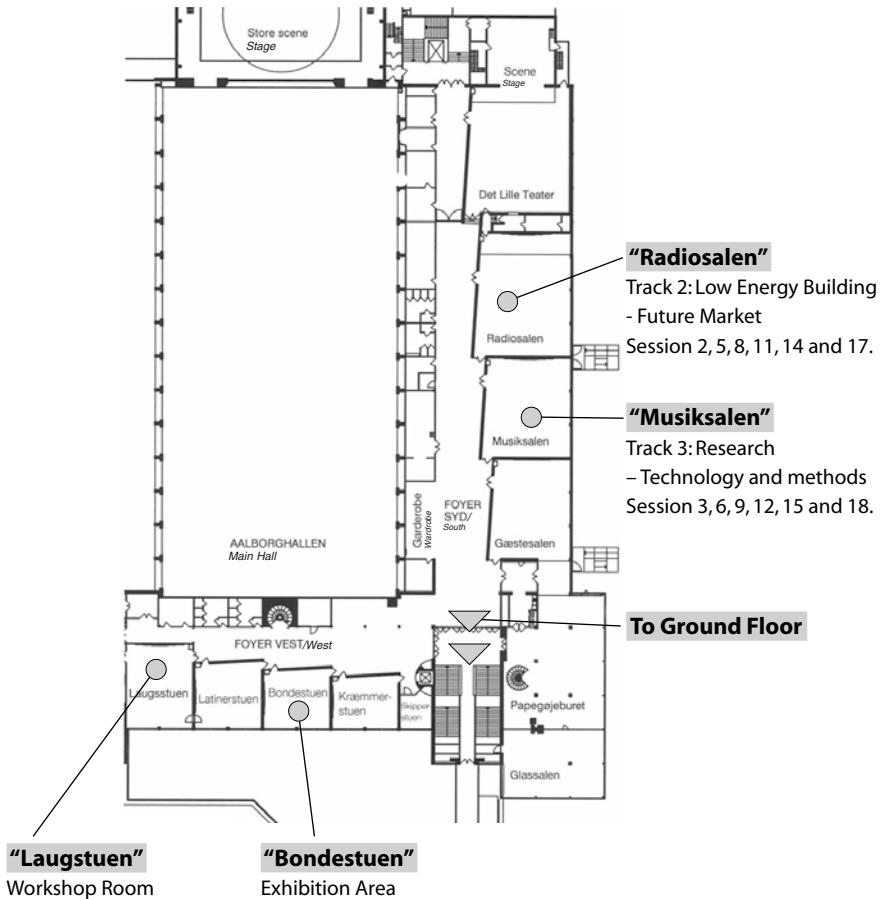
# Ground Floor “Europahallen” and “Front Hall”



# To Meeting Rooms 1. Floor



# Meeting Rooms 1. Floor



## Here are the sessions

<b>Europahallen:</b>	Plenary Sessions and Sessions 1, 4, 7, 10, 13, 16
<b>Rudiosalen:</b>	Sessions 2, 5, 8, 11, 14, 17
<b>Musiksalen:</b>	Sessions 3, 6, 9, 12, 15, 18
<b>Laugstuen:</b>	Workshops and Poster Session

*Please find the maps at page 17 - 19*

## 6 October Reception

**Address:** “Kunsten Museum of Modern Art”  
Kong Christians Allé 50, 9000 Aalborg

**18.00 Reception**

**18.15 Welcome** by Per Heiselberg, Professor Aalborg University

**Welcome** by Aalborg Municipality

**Aalborg City** by City Architect Peder Baltzer Nielsen

**18.45 Introduction** to “Kunsten Museum of Modern Art”

**19.00 Reception**

**19.15 Guided tour** at the Museum in Danish and English

**20.30 End of the Reception**

## 7 October Conference Dinner

**Address:** Restaurant “Det Ny Kilden”, Hotel Hvide Hus  
Vesterbro 2, 9000 Aalborg

**19.00 Apéritif**

**19.30 Conference Dinner**

*Print: NPC Tryk Næstved*

*Stock: 400*

*Graphic Design: Christian Bach Andersen*

*Communications: Helene Hjort Knudsen, Project Manager, Passivhus.dk*