



Highlights

Save the Date: 23 February 2018, Active House General Assembly @ Batibouw, Belgium

Block your agenda on 23 February 2018 for the General Assembly of the Active House Alliance. This year's edition will take place during [Batibouw](#), the biggest Belgian trade fair for Construction, Renovation and Home Improvement for professionals and the general public.

If you are not a Member of the Active House Alliance but yet interested in learning about the Active House principles, you should not despair as an open seminar will be organized on the same day!

This year's focus will be on values and how these can create a real value to your project. A number of professionals in the sector will share their insights and best-case stories on smart buildings monitoring and comfort specification tools.

If you are an architect, a designer, a contractor, a home builder, or in general you are working in the construction and real estate industry, you are welcome to participate!

Limited seats available, book your place now! Register on our website [here](#).

Label

WEBINAR on Active House Calculation in January

In January, the Active House Alliance will again offer a two half days webinar on calculation of the Active House Radar. The webinar is open for both members and non-members of the alliance.

The webinar will include a detailed introduction to the Active House specifications, where all the nine parameters will be explained in details, including the references to standards and levels to archive. The introduction will be followed by a guided tour on how to use of the Active House calculation tool, including how to calculate the Active House radar. Finally, the new Active House label will be presented and the process to obtain a label will be explained.

Interested? Register by sending an email to Amdi Schjødt Worm at amsw@arkitema.dk with the Active

House Secretariat at secretariat@activehouse.info in cc.

Stay tuned for further details and visit our website for more information!

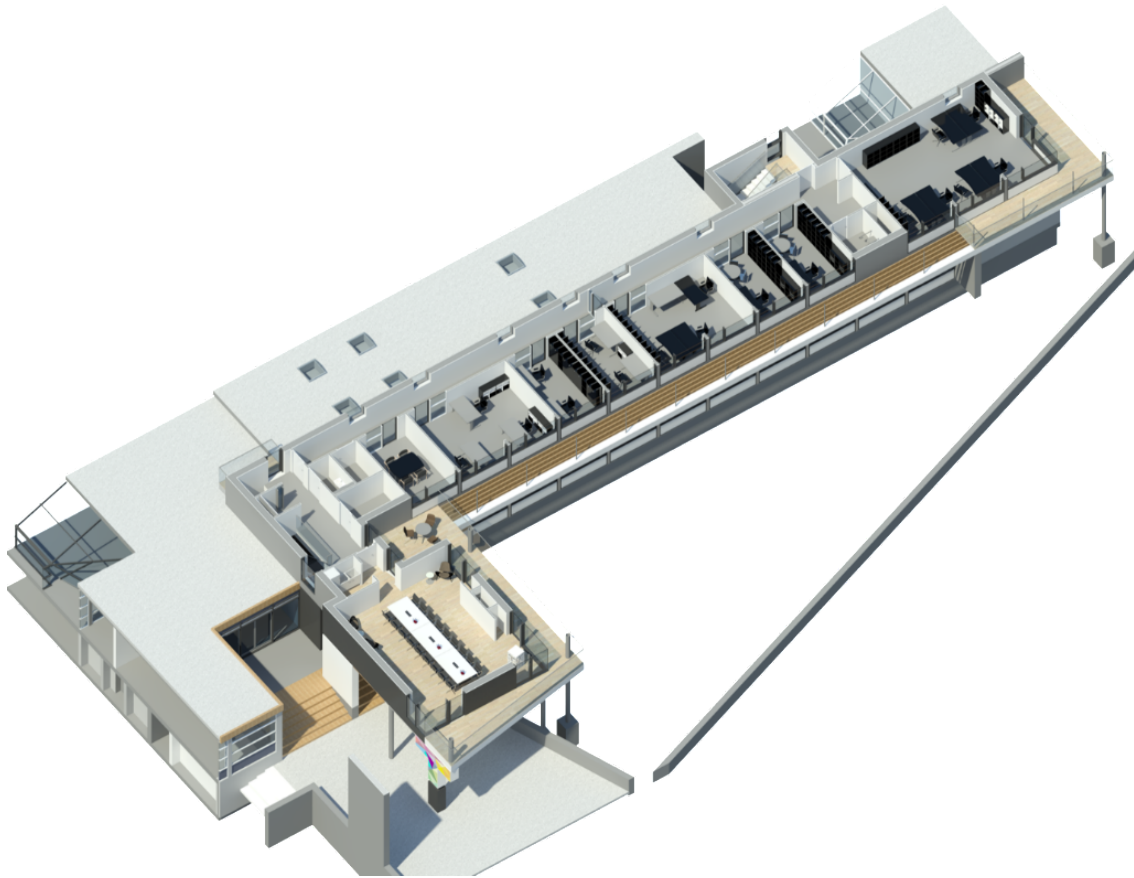
New project receives the Active House label: Tradium

We are proud to announce that this month a new project has been labelled with the Active House label sign!



Tradium, one of the largest education and training schools in Denmark received the stamp of a quality building which respects the environment through its energy efficiency features, provides a comfortable and healthy indoor setting for its students and professors while being sustainable.

As project, is the world's first Active House-classified institution and consists on the extension of the Tradium building of approximately 400 m² and developed as an Active House-project, with a special focus on the indoor climate and the environmental parameters.

**Comfort:**

The office spaces are placed along the western facade of the building to reduce the solar heat gain during office hours. This, together with a lamella overhang, makes it possible to create big windows towards the green outdoor areas. The daylight factor is high due to this, reducing the need for electrical lighting. Furthermore, the sunlight provision is above 10% of the probable sunlight house.

The ceiling is a ventilated system, securing an effective control of the indoor climate. Fresh air is applied through a relatively big area of the Troldekt woodcrete ceiling plates at low pressure to reduce both energy consumption and drag. This is not used as a cooling system for the building, and even though there is no mechanical cooling, the building design allows for a reasonable comfort temperature in the category II (summer) and IV (winter).

Environment:

A sustainable action regarding the wooden materials was specified in the supply description:

- all wood is FSC-certified, only exception are the door leaves
- woodcrete ceilings are FSC- or PEFC-certified
- wood used in the windows is FSC-certified
- wooden strips for interior cladding are treated with linseed oil

The above actions result in 50% of all the wood used for building materials being FSC- or PEFC-certified. For other building materials, the reusability factor is the focus for the constructions. The foundation and the floor slab score high values in the LCA-analysis, as all steel and concrete are recyclable. In total, the recyclable content represents 80% of the materials.

As a material resource for the operation of the building, the fresh water consumption is reduced by quite simply choosing faucets and flush valves that consume less water.

Energy:

For the optimization of the energy consumption, the building envelope is generally designed to reach higher standards than specified in the building regulations.

- Exterior walls have a U-value of 0,12 W/m²K
- Windows and doors have a U-value of 1 W/m²K
- Roof has a U-value of 0,09 W/m²K
- Slab has a U-value of 0,08 W/m²K

The above values result in a generally lower heat loss than required by the building regulations.



Do you have an Active House project and you would like to receive the Active House label? Check [here](#) how to get it!



Label

Winner of the Active House Award 'Future kindergartens' 2017 to be announced on 15 December!

Few weeks to go before the winner of the [Active House Award 'Future kindergartens' 2017](#) will be announced on 15 December. The award competition was announced in Czech Republic and Slovakia and it was open to students and doctoral students who could have submitted either a work for a study course or a work carried beside the college learning programme.

The vision for competition project is to set new standards for future sustainable childcare centres. It rests on the Active House principles of buildings that give more than they take – to the children, adults, environment and surroundings. Define framework for a healthy indoor climate where children learn to live in harmony with nature and without negative impact on the environment.

Childcare centres and schools have a particular need for a good and healthy indoor climate as it strengthens wellbeing and learning capacity as well as reduces the risk of diseases.

The Active House Award 'Future kindergartens' 2017 has been organized by VELUX Česká republika, s.r.o. and VELUX SLOVENSKO spol. s r.o.

Stay tuned on 15 December and discover the winner!

activehouse
BUILDINGS THAT GIVE MORE THAN THEY TAKE

Student competition
Take the CHALLENGE

AWARD

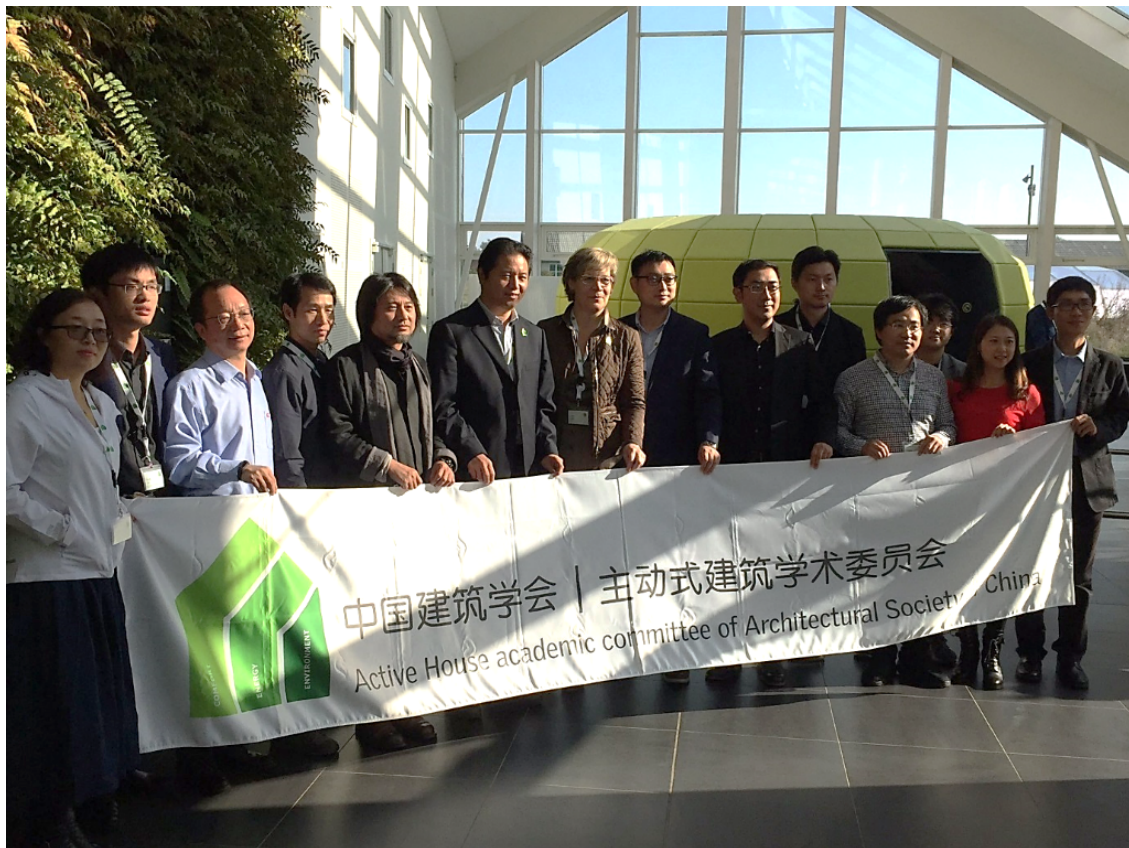


Alliance Growing

New national chapter: Chinese branch of Active House launched

After the Chinese Active House was born in September at the Active House Symposium in Bornholm, Denmark, the new national chapter has kicked-off its work on the ground. The Active House Academic Committee of the Architectural Society of China (AHAC) is now actively promoting the three core values in sustainable buildings: energy efficiency, environmental friendliness and user focus.

The new Chinese branch of the international Active House Alliance is fifth in the row of the national chapters after Denmark, The Netherlands, Italy and Canada... and more to come!



Get to know the Chinese delegation [here](#).

New member: Welcome to SUPSI Lugano in the Alliance

We have the great pleasure to welcome our newest addition to the Active House Alliance, SUPSI Lugano. SUPSI (Scuola universitaria professionale della Svizzera italiana) joined us in the category of University & Knowledge centre and will support the association in developing and sharing knowledge on sustainable buildings, with special regard on the Active House principles.

SUPSI, the University of Applied Sciences and Arts of Southern Switzerland, is one of the Universities of Applied Sciences of the Swiss Confederation. It was established on 11 March 1997 by Canton Ticino of Switzerland and it received federal recognition in 2003. Its various departments include the Department for Environment Constructions and Design, within which the Active House Alliance will be in direct contact and continuous exchange of expertise with the Institute for Applied Sustainability to the Built Environment in Lugano, represented by Roman Rudel, Head of Institute, and Francesco Frontini, Responsible of the Building system sector.

Scuola universitaria professionale
della Svizzera italiana

SUPSI

Learn more about our new member [here](#).

Events



Members

Active House members:



Knowledge centers:



Partner organisations:



National alliances:



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AH network



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NETWORK AND KNOWLEDGE SHARING

www.activehouse.info

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