

Active House Alliance

Annual report to members

Dear Active House Alliance Member

I am pleased to send you the annual report for 2015.

The report include a part of the activities the alliance has worked with in 2015, as well as it include some of the activities the alliance will focus on in 2016.

NEW ALLIANCES

In January the Danish Active House Alliance "AktivHus Danmark" was established with own secretariat and own board.



The new alliance has already organized a number of events for members of the alliance as well as organized workshops on the development of specifications.

Parallel to the international alliance, there are national alliances in Netherland, Canada and Denmark.

NEW NETWORKS

In 2015 the Active House Alliance has exchanged knowledges and positions with among others AktivPlus in Germany, IG Innovative Gebäude in Austria as well as Passive House Italy.

We have joined meetings and conferences together as well as we have compared our methodologies for Sustainable buildings.



It is the intention to continue the cooperation in 2016, starting with a meeting in Vienna with IG Innovative Gebäude on 29 January.

NEW ACTIVE HOUSE PROJECTS

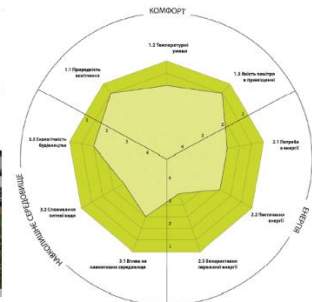
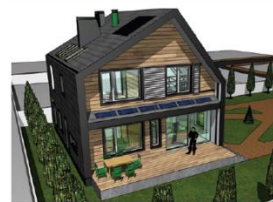
In 2015 there has been new projects in among others Denmark, Norway, Italy and Ukraine, which all have been evaluated within the Active House vision and radar.

Green Solution House

- creating the architectural solutions of tomorrow - today



One project is the renovation of Hotel Ryttergaarden on Bornholm. The hotel has been transformed to one of the most sustainable buildings in Denmark and is based on the combination of the Active House vision and DGNB evaluation.



Another project is Optima House from Ukraine, which is developed by the Saint-Gobain Group with participation of Schneider Electric, VEKA and VELUX. It is a single family house based on the combination of the two concepts Active House and MultiComfort home.



ACTIVE HOUSE GUIDELINE

The first version of the Active House guidelines was published on 5 March 2015.



The guideline has since then been downloaded in more than 300 versions from the homepage as well as shared in more than 500 printed versions on conferences.

ACTIVE HOUSE TOOLS

Parallel to the development of the Guideline the alliance has updated the calculation tools, and updated the input and output data.

The tool allows for two calculations of the same projects, like a design calculation and a monitoring calculation. The Active House Radar is calculated automatically as well as there is a possibility to print a short or long pdf report.

Results	
Comfort	
1.1 Daylight:	> 3%
1.2 Thermal environment:	best level
1.3 Indoor air quality:	≤ 500 ppm
Energy	
2.1 Energy demand:	55,0 kWh/m ²
2.2 Energy supply:	57,8 kWh/m ²
2.3 Primary energy:	-17,3 kWh/m ²
Environment	
3.1 Environmental loads:	Good level
3.2 Freshwater:	10 % savings
3.3 Sust. construction:	Best level

The tool can be used by members of the alliance and others can use it for free in a test period of one month.

ACTIVE HOUSE AT CONFERENCES IN 2015

The international Alliance has participated in seven conferences with presentations of the vision, demonstration projects, guidelines and tools.



The Alliance were present at the Healthy Buildings conference in Netherland, with posters, presentations and side events organized by the Dutch Active House network



During the sustainable energy week in Brussel, the alliance hosted a conference on Nearly Zero Energy Buildings, with participation from the European Commission and the International Passive House institute.

EUROPEAN COMMISSION

The Alliance have had meetings with the European Commission and discussed the communication of sustainable buildings.

The alliance was also invited to the stakeholder meetings on the work program for Resource Efficiency in Buildings.

Parallel to this the alliance has given input to the revision on the Energy Performance of Buildings Directive.

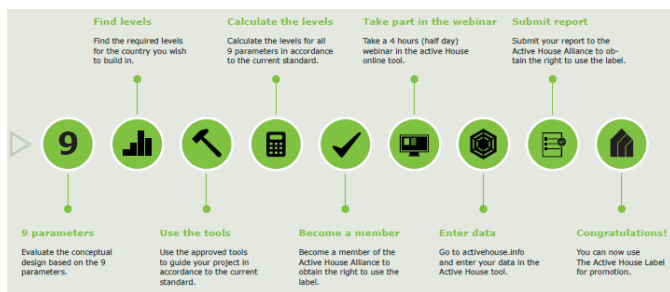


ACTIVE HOUSE LABEL

The Alliance has prepared a new label that shall grow the awareness and brand of Active House.

The label shall focus on the value of Active House projects and support housebuilders, architects and designers in their communication towards the clients.

It is the intention that the label shall be used for projects that has meet some minimum requirements and at the same time has been evaluated for the nine Active House parameters.



In order to be allowed to use the label the designer must first calculate the project based on the Active House specification and thereafter have it approved by the alliance.

It is the intention that the additional costs to reach the label, shall be kept on a reasonable level and only include minor additional costs.

The development of the label has included interviews of members of the national alliances in Netherland, Canada and Denmark, as well as dialog with other strategic networks has been carried out.

The label will be introduced in the beginning of 2016.

DAYLIGHT SYMPOSIUM

The Advisory Board of the Alliance participated in VELUX Daylight Symposium at the Tobacco Docks in London on the 2nd and 3th of September.



The topic of the symposium was Daylight as a driver of change and included a two days program with debate between experts and researchers on daylight in buildings.

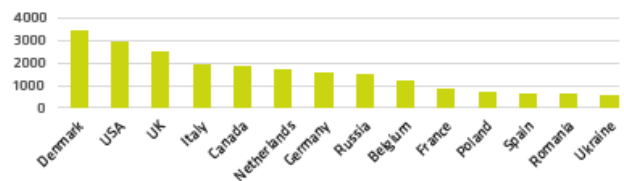
ACTIVE HOUSE HOMEPAGE

It is the intention to grow the communication of Active House and in this sence the homepage and social medias like twitter will be used. Below a few key figures from use of homepage in 2015.

Use of homepage



National Visits



WELCOME TO 2016

A number of activities for 2016 has already been planned, below a few.

- *Active House label*

The launch of the Active House Label will be followed by a number of communication activities, focusing on story telling and value for house owners.

- *Workshop on concepts*

Rockwool International will host a workshop on concept development of Active House projects on 29. February.

- *Workshop on update of specifications*

It is the intention to set up a workshop to update the specifications. Members and strategic partners will be invited.

- *Active House Projects*

Great Gulf Homes plan to open their new Active House in Toronto in the first period of 2016.

The VELUX Group plan to open the renovation project RenovActive in Brussel in second quarter of 2016.

- *General Assembly*

The General assembly is planned to be organized in Brussel in April. The final date to be confirmed.

- *New strategy 2017-2020*

The existing strategy 2014-2016 will be updated with a new strategy for the next 3 years period from 2017 to 2019.

It is the intention to grow the target group focus on architects and house builders.

- *Conferences*

The Active House Alliance will in the first half of 2016 be present with papers and side-events at:

- CLIMA2016 in Aalborg, DK on 22-25 May
- EUSEW in Brussel, B on 13-17 June
- CESB in Prague, CZ on 22-24 June
- PLEA in Los Angeles, USA on 11-13 July
- Active House Symposium (Date and place TBC)

- *Communication*

The communication strategy will be updated and communication activities will be strengthened.

It include an update of the graphic layout, new structure of the homepage with higher focus on demonstration projects, as well as higher focus on labeled projects.

MEMBERS OF THE ALLIANCE

The Active House Alliance has 44 members, including 15 manufacturers, 12 consulting companies like architects and engineers, 12 research and knowledges centers, as well as 3 larger universities.



We are looking forward to a new year with many new activities and a grow in the membership.

Kurt Emil Eriksen

