

# FORM TO APPLY FOR THE 2016 ACTIVE HOUSE AWARD



## PROJECT INFORMATION:

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Project name:

Address:

Owner/investor:

Architect:

## DESIGN PARAMETERS:

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### COMFORT:                      DESCRIPTION (app 100-150 words)

Describe how comfort has been included in the basic design with specific focus on Daylight, Thermal Comfort and Environment

*Example: It has been a basis design parameter to have a minimum daylight level of 5% and it has been reached by use of daylight from minimum two orientations in all main rooms. All glazing areas towards the south and west has to be shaded during warm periods and is supplemented with natural ventilation and thereby the indoor thermal comfort level during hot periods. The air quality in all main rooms is controlled when occupied and the ventilation is optimized to keep the CO2 level and humidity low.*

### ENERGY:                              DESCRIPTION (app 100-150 words)

Describe how Energy Efficiency parameters has been included in the design and how thoughts on use of renewable energy has been taken into account

*Example: The basic focus within energy has been to minimize the use of energy and to optimize the building design. The heat loss through the climate shell has been minimized using the best insulation solutions, reduce thermal bridges and creating an air tight construction. Thereby the need for energy has reached a level of 20 kWh/m<sup>2</sup> and with the supplementary use of energy for hot water, ventilation light etc, the overall energy use is below 40 kWh/m<sup>2</sup>. By the use of a heat pump with a COP of 3.5, the final need of energy has reached a level of 20 kWh/m<sup>2</sup>. The supply of electricity is based on 50% renewable energy in the grid and the supplementary renewable energy are supplied with PV installed on the garage.*

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## ENVIRONMENT

## DESCRIPTION (app 100-150 words)

Describe how LCA and sourcing of materials has been a part of the design strategy as well as initiatives to reduce use of water

*Example: The design on the load bearing structure has been based on an expectation that the concrete structure will be reused when the building is out of use after 100 years. The outer surface is based on a wooden structure that are ventilated and protected from direct rain, reducing the need for surface treatment. The wood used are certified and comes from forests that are FSC certified. In order to reduce the use of water a structure for use of rain water for toilets and gardening has been established.*

## PICTURES, DRAWINGS ETC:

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Pictures:

*Describe pictures*

Sketches:

*Describe sketches*

Drawings:

*Include as minimum floor plan of the building*

## APPLICATION

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I apply to participate in the 2016 Active House Award and allow the Active House Alliance to publish my project and all the material submitted on their webpage. If my project is chosen as one of the final projects, I agree to send in supplementary material for final evaluation and presentation at conferences.

I hereby acknowledge that I am aware and I give my consent for my personal data included in the application form to be processed and published on the Active House Alliance website. Personal data will be processed according to the privacy law of Belgium.

\_\_\_\_\_  
Place and date

\_\_\_\_\_  
Signature