

Registration of “best practice cases”

Which building types can be registered?

The project includes residential construction, and therefore, it is possible to contribute with Danish or international projects within multi-family houses, terraced houses, and detached houses.

How is “best practice” defined?

“Best practice cases” are in this context defined as building cases with low impact on climate change, which have implemented materials or other measures that have a positive impact on the building’s impact on climate change. The level of ambition of the projects must as a minimum comply with the forthcoming Danish voluntary CO₂ class and the impacts on climate change must therefore stay below 8 kg CO₂ eq. pr. m² pr. year for a calculation period of 50 years. If an LCA has not been prepared for the building case, an explanation must be given as to why the building is expected to have an impact below the voluntary CO₂ class.

Two possibilities for participation

There are two possibilities for participation: One is that an LCA has already been prepared for the case, which can be verified by BUILD. The second possibility is that data is available or can be obtained regarding the building’s material and energy consumption so that a full LCA can be performed.

Requirements for LCA

If the project is registered with an LCA, the LCA must be performed in the LCAByg software. In addition, it must be carried out in accordance with EN 15978 and include life cycle phases A1-3, B4 and B6, C3-4, and D. The LCA should contain the building components defined in the Danish building model which is currently in open hearing: <https://hoeringsportalen.dk/Hearing/Details/66338>

Requirements for public transparency

To participate, permission must be given for the construction of the building and the climate impacts to be presented publicly, as the project aims to promote absolute sustainable residential construction through transparency and knowledge sharing.

How to register a project?

To register a project, write an e-mail to Liv K. Stranddorf on lks@build.aau.dk before the 1st, of July 2022.

The e-mail should contain:

- Excel sheet with information on the construction (see attachment)
- LCAByg file, if the LCA has already been completed
- A folder with drawings, pictures, or anything else that may be important for understanding the construction

