



Net Carbon Removal Benefit Calculation

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SAWA

by

Nice Developers & ERA Contours

Project details

Address:	Lloydstraat, 3024EA Rotterdam, The Netherlands
Project type:	Residential: multi-storey
Expected realisation year:	2024
Project lifespan:	75 years
Gross floor area:	12678 m ²
Project phase:	Under Construction

Project description

SAWA is a unique and circular wooden residential building standing 50 meters tall, adding value to the neighborhood and the city in the broadest sense. These "shared values" pertain to CO₂ reduction, strengthening biodiversity, and creating a circular building with affordable housing for an inclusive community.

Based on a total Construction Stored Carbon of 2686,67 tCO₂e,

The Net Carbon Removal Benefit of the project is calculated at:

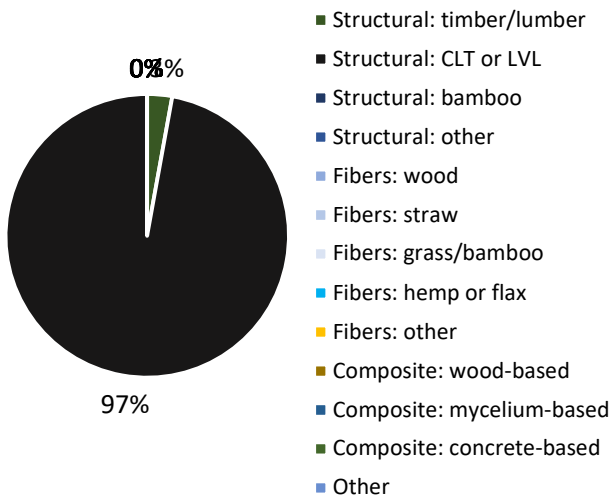
2.560 t CO₂e

Per square meter Gross Floor Area of the project this equates to:

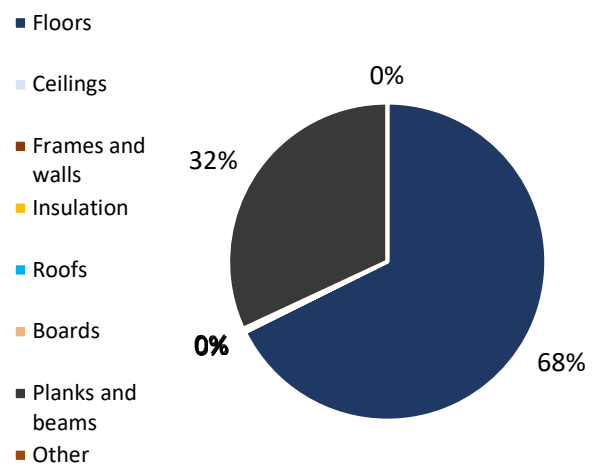
201,9 kg CO₂e / m²

With a total lifespan (including reuse) of at least 75 years

CSC per main material type



CSC per product category



Calculation input

The table below shows the registration numbers of the EPDs of the biobased products used in the project, as well as the manually entered data used to calculate the project's Net Carbon Removal Benefit:

[illegible]