

SCAs experience of using the climate model

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SCAs background to using a climate model

SCA was the first company within in the Swedish forest industry with annual reporting of the total climate benefit in the annual report of 2018.

We lacked a holistic perspective for the forest, products and fossil emissions – how they are connected. There was a need to describe the overall climate benefit in a simple and transparent way.

The basis for the model was developed by Peter Holmgren and Katarina Kolar and was presented in 2019 at The Royal Swedish Academy of Agriculture and Forestry, including a round table discussion on the methodology.

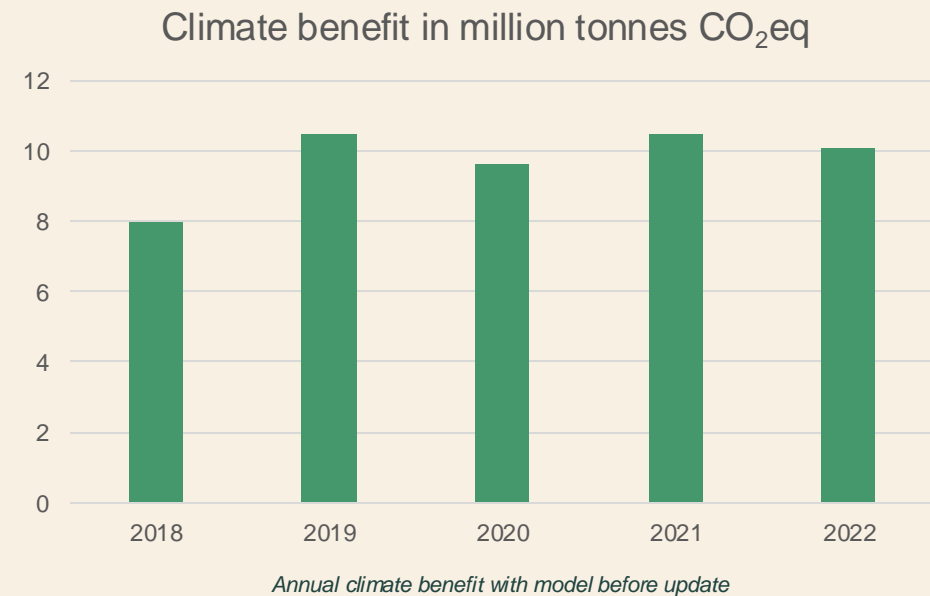


History

Since the 2018 annual report, a positive annual climate effect has been reported, in recent years of approximately 10 million tonnes of carbon dioxide equivalents.

The climate model has since then been further developed and adopted by other companies.

For the 2023 annual report, SCA adopted the updated model, containing four components.



SCA Climate Benefit 2023

Binds net
5.7
Mt CO₂

CO₂

1

Growing forests bind CO₂ – active forest management increases growth

Operations

4

Investments and innovation reduce carbon emissions

Low Emissions
0.8
Mt CO₂

2

Replaces
7.2
Mt CO₂

SCA's renewable products replace non-renewable products



Bioenergy



Paper



Solid-wood products

3

Stores
0.7
Mt CO₂

Carbon is stored in renewable products during the lifecycle

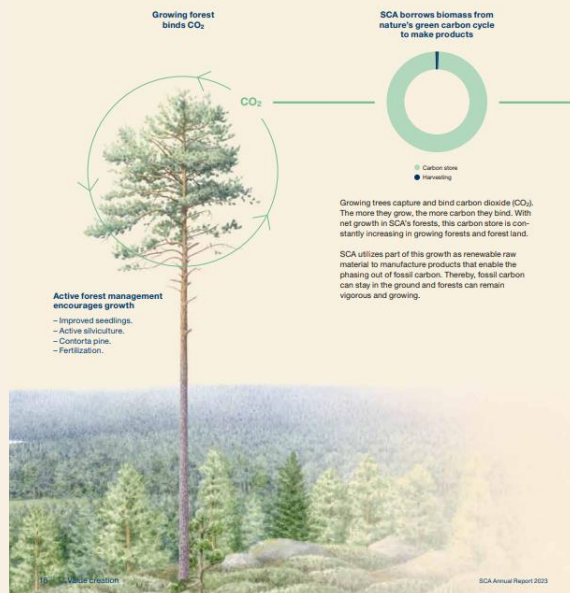


In 2023 SCA's climate benefit was 12.8 million tonnes of CO₂, which corresponds to more than a fourth of the emissions from Sweden.

How do we use the results?

SCA's climate benefit

SCA's responsibly managed and growing forests bind CO₂. The net volume of bound CO₂ increases when growth is higher than harvesting. Harvested timber is used in products that store carbon and enables the phasing out of fossil carbon.



Prominent role in the annual report.

Important topic in corporate introductions.

SCA reports the components separately but has also chosen to sum them up to give an overall picture of the role of forests in climate change.

It is also part of the company's strategic objective to continuously achieve a climate benefit of at least 10 million tonnes CO₂eq per year according to updated model.



Thank you