

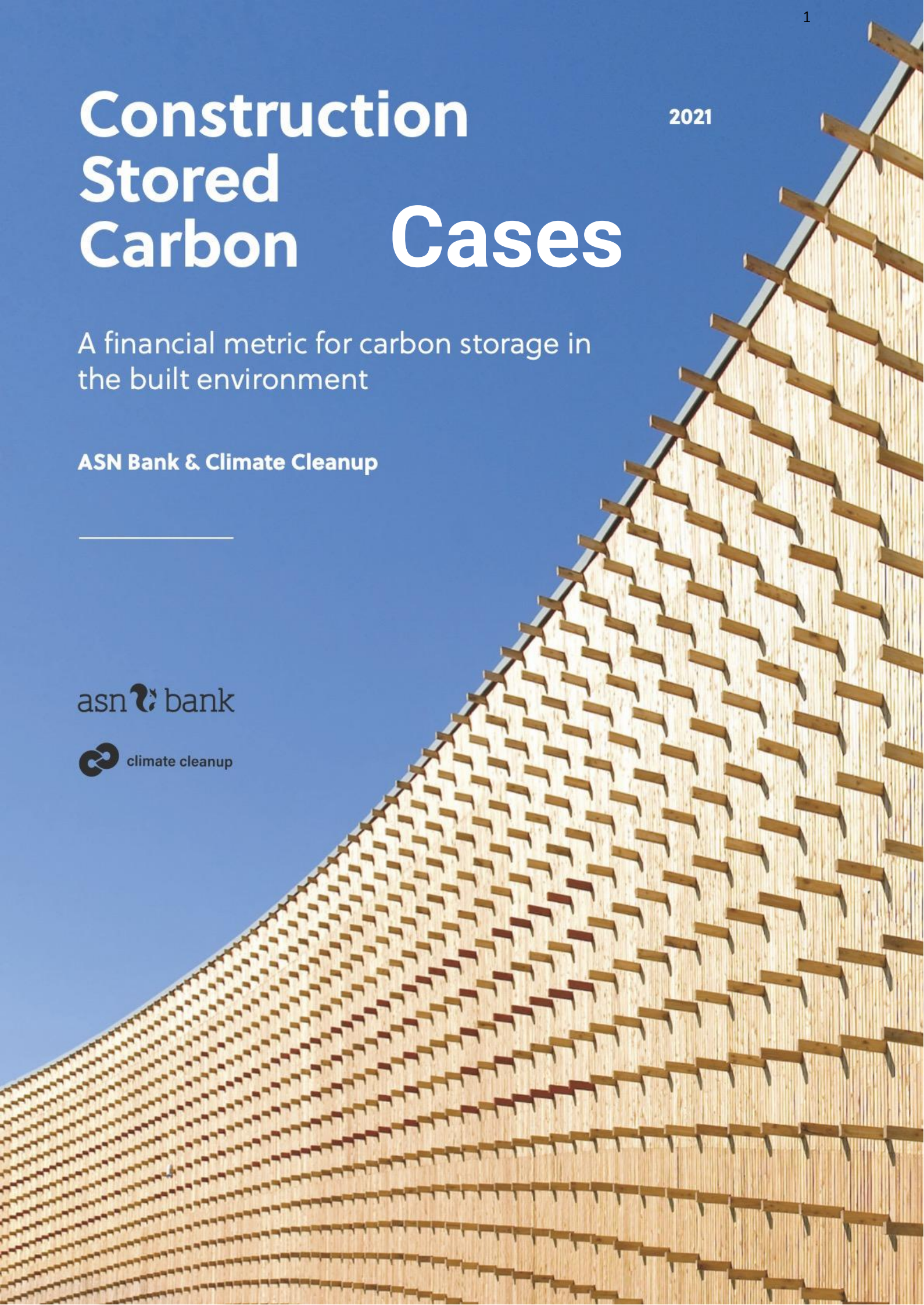
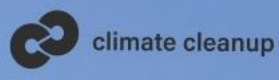
# Construction Stored Carbon Cases

2021

A financial metric for carbon storage in  
the built environment

**ASN Bank & Climate Cleanup**

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## Boekel Ecovillage / Ecodorp Boekel

Ecodorp Boekel wordt mede mogelijk gemaakt door het Europees Fonds voor Regionale Ontwikkeling, het Rijk en de provincie Noord-Brabant in het kader van OPZuid



### 100% Circular

**PRYSMIAN**  
CABLES & SYSTEMS

**CHAINABLE**  
THE WAY TO CIRCULARITY

**SQAPE**  
TECHNOLOGY

**GEOCELL**  
Circular power cables  
Glassfoam foundation

**Geopolymer concrete without cement**

**Circular kitchens**

### 100% Biobased

**DUNAGRO HEMP GROUP.**

**ISO vlas**

**ECO+BOUW**

**nētisse**  
L'isolation durable

**hempcrete**

**flax insulation**

**jeans insulation**

**timber framing**



Total stored CO <sub>2</sub>	808	ton
	22,4	tCO <sub>2</sub> / residency
	35,4	tCO <sub>2</sub> / 120m <sup>2</sup>

The Boekel Ecovillage in the Netherlands is a shining example of a community which is [working with nature in very practical ways](#). That is not only reflected in the biobased building materials, but in every aspect. Its ecological sustainability is reflected in the fact that it is the first residential area recognized as a

Voluntary Conservation Area (VCA). It has also been recognized as the [Most sustainable organization by Dutch building sector](#) for its path-breaking climate positive approach. Boekel Ecovillage has stored 808 tons of Carbon in its 36 houses. The ecovillage is built with 100% circular building materials.

*“Boekel Ecovillage is an inspiring example of sustainable living”*

**ASN Bank** – [www.asnbank.nl](http://www.asnbank.nl)

**Climate Cleanup Foundation** – [www.climatecleanup.org](http://www.climatecleanup.org)

ASN Bank is a bank with the mission to foster environmental and social sustainability. We use the money that our customers entrust to us to promote sustainable development. We thus help to create a world that is safe and healthy for people to live in, and where the environment is respected, both in the present and in the future.

Climate Cleanup is a non-profit foundation funded by members and well-aligned partners. Our mission is to reverse climate change by doubling nature and fostering a new nature economy. We are grateful to our members as without their support this work could not have been done. Additionally, as the intervention team is convinced that this metric will provide systemic impact in the climate crisis, they also donated substantial parts of their private time – as many others do in this pivotal time in history.



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 climate cleanup