

NeoLigno® – a lignin-based binder for construction panels



StoraEnso

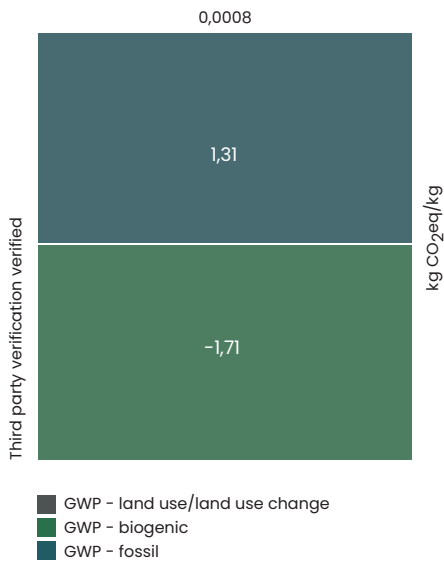
Biobased, and free from formaldehyde and isocyanate

Biogenic carbon is considered carbon-neutral (as the carbon released during combustion and natural decay is balanced out by the carbon absorbed during growth). However recent developments of EU CRCF (Carbon removals certification framework) will allow for biogenic carbon certification if the carbon is in a building for more than 35 years. Future benefit for biogenic products.

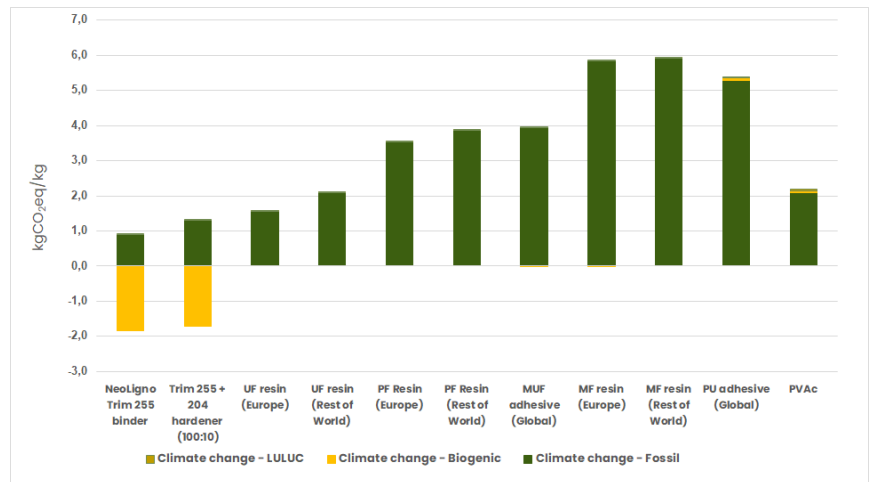
Carbon footprint in different binders

Carbon footprint of one kilogram

NeoLigno® Trim Binder 255/
NeoLigno® Trim Hardener 204 (100:10)

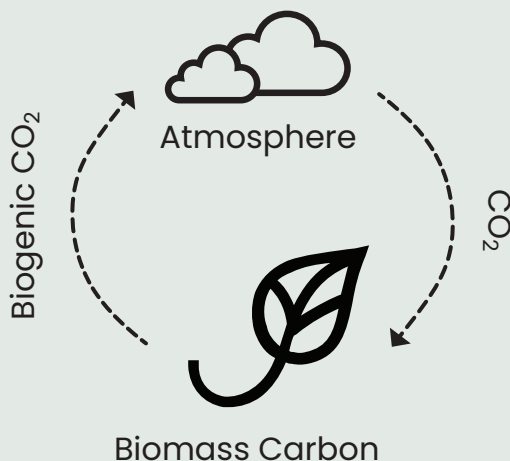


Carbon footprint of one kilogram binder as 100% dry



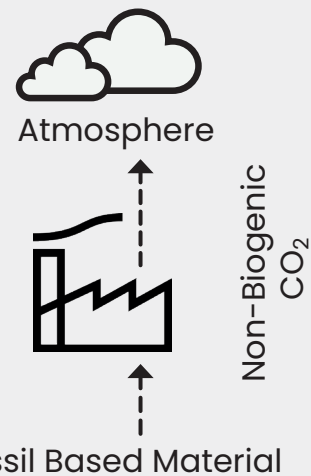
Data created by EcolInvent

The biomass carbon cycle



Biogenic carbon is part of a relatively rapid natural cycle that, while maintaining the balance between biomass carbon and atmospheric carbon, does not contribute to elevated levels of atmospheric carbon.

Carbon transfer from geological reserves



Fossil fuel combustion transfer geologic carbon into the atmosphere. It is a one way process.

Data created by Sweco. Currently under 3rd party verification.



Read more at:
storaenso.com/neoligno

NeoLigno®
by Stora Enso