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# CO<sub>2</sub> Comparisons . Slovenia

## Wooden Panels

compiled by

HOLZ VON HIER

[www.holz-von-hier.de](http://www.holz-von-hier.de)

PANELS

of short distances



Wood panels and their preliminary products, without proof of short distances, can have traveled over long distances.

Slovenia produces slightly more wood panels than it consumes and exports slightly more than it imports. Production, consumption, import and export are on a similar scale. According to the quantitative weighted CO<sub>2</sub> emissions the most important import countries of OSB to Slovenia are Romania, Germany, Czech Republic, England and Austria. In the case of chipboard imports Croatia, Italy and others also play an important role. For each new residential building, in average 21 - 24 tons of constructive wooden boards are needed. Attention should be payed to climate-friendly short distances in the supply chain. Without evidence of short distances at worst all built-in panels in a building could originate from imports.

**Extra climate-friendly building materials are based on short distances.**

Owing to overlapping material flows of panels and preliminary products in Slovenia's foreign trade, avoidable 956 t of CO<sub>2</sub> emissions are produced each year, as Slovenia's foreign trade in board materials is comparatively low in terms of volume. The CO<sub>2</sub> savings by using HvH semiproducts and panels in Slovenia are in the range, what 455 houses with a photovoltaic system are saving annually.

## Wooden panels of short distances (Low Carbon Timber, HOLZ VON HIER) in your wooden house instead of panels e.g. from Romania saves on average 4.1 t of CO<sub>2</sub> / house.

	The exchange „LED instead of light bulb“ in the whole house reaches the same CO <sub>2</sub> savings only after 20 years.
	This compensates for CO <sub>2</sub> emissions through 3 years of electricity and heating in a modern new building.
	This compensates the CO <sub>2</sub> emissions of 2 years driving a middle class car.
	The replacement of older equipment with the most energy-efficient equipment on the market only reach about the same CO <sub>2</sub> savings in case of washing machines after 100 years and for refrigerators after 33 years.



## Ask for ... !

One cannot guess the origin and transport distances for the wood by looking at the product. Therefore ask for a Low Carbon Timber Certificate (HOLZ VON HIER) for your purchased timber product.

This eco-label captures all material flows from the along the whole supply chain. The certificate labels a product of extra climate-friendly wood of short distances and sustainable forestry.

By asking for a certificate You give a valuable contribution to the protection of climate, biodiversity and the environment and strengthen your region.