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EUROPEAN UNION

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EUROPEAN REGIONAL DEVELOPMENT FUND

CaSCo - Carbon.Smart.Communities

CO₂ Comparisons . France

Wooden Panels

compiled by

HOLZ VON HIER

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.

France produces more wood panels than domestically consumed. This applies especially to chipboard (including OSB). The export is almost half as high as the production. But there are also certain imports. According to the quantitative weighted CO₂ emissions the most important import countries of OSB to France are: Luxembourg, Latvia, England, Belgium and Germany. Spain, Portugal and Sweden also play an important role in chipboard imports. For each new residential building, in average 21 - 24 tons of constructive wooden boards are needed. Attention should be paid to climate-friendly short distances in the supply chain.

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

Owing to overlapping material flows of panels and preliminary products in France's foreign trade, avoidable 33.788 tonnes of CO₂ emissions are produced each year. The CO₂ savings by using HvH semiproducts and panels in France are 1.5 times higher than by the European Green Building Program or would match 26% of the European Green Light Program's CO₂ savings. It would correspond to the CO₂ savings of 16.089 homes with photovoltaic systems.

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 CO₂ / house.

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|  | The exchange „LED instead of light bulb“ in the whole house reaches the same CO ₂ savings only after 20 years. |
|  | This compensates for CO ₂ emissions through 3 years of electricity and heating in a modern new building. |
|  | This compensates the CO ₂ 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 ₂ 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.