

Interreg



EUROPEAN UNION

Alpine Space

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EUROPEAN REGIONAL DEVELOPMENT FUND

CaSCo - Carbon.Smart.Communities

CO₂ Comparisons . Slovenia

Lumber

compiled by

HOLZ VON HIER

www.holz-von-hier.de

LUMBER

of short distances







Lumber can have traveled over long distances.

In Slovenia, about the same amount of building timber is produced as consumed, Slovenia is in principle „timber self-sufficient“. However, imports and exports are almost 2 times higher than domestic consumption or production. This „flow of construction timber“ across the country is destined for countries such as Algeria, Yemen, Saudi Arabia, Japan, Qatar and others (main exporting countries for building timber from Slovenia). In addition to Austria, most lumber imports to Slovenia come from the Czech Republic, Bosnia-Herzegovina, Russia and Croatia.

Timber construction is burgeoning, but you should pay attention to climate-friendly wood of short distances. Extra climate-friendly construction materials inhabit short distances.

The origin of lumber from Slovenian forests excludes poaching and overexploitation because the forests are sustainably managed. The overlapping material flows of timber in Slovenias foreign trade produces avoidable emissions of 33.012 t of CO₂ emissions each year. Closing regional processing chains could avoid these needless transports and save about 1.5 times more CO₂ than the European Green Building Program or 25% of the CO₂ savings from the European Green Light Program. That would correspond to the CO₂ savings of 15,720 houses with a photovoltaic system.

Timber of proven short distances (Low Carbon Timber / HOLZ VON HIER) in your wooden house instead of timber from Russia saves on average 16 t CO₂ / house.

	The exchange „LED instead of light bulb“ in the whole house brings only after 76 years the same CO ₂ savings.
	This compensates for CO ₂ emissions through 37 years of electricity or 17 years of heating in a modern new building.
	This compensates the CO ₂ emissions of > 7 years driving a middle class car.
	Replacing older appliances with the most energy-efficient appliance on the market will only reach about the same CO ₂ savings on washing machines after 415 years and for refrigerators only after 321 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.