

CaSCo - Carbon.Smart.Communities

**CO<sub>2</sub> Comparisons . Slovenia**  
**Wooden Floors**

compiled by

HOLZ VON HIER

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WOODFLOORS  
of short distances



### Wooden floors can have traveled over long distances.

Most of the wooden floors come from imports. Often these are tropical woods with a very high risk of poaching. If more would be replaced by the beautiful and cost-efficient plank floors, the demand for wooden floors could easily be covered domestically. Multi-layer parquet Imports from China, Poland, Hungary and Sweden (and also Austria) into Slovenia account for the lion's share of volume-weighted CO<sub>2</sub> emissions.

### Wooden floors are trendy, but these are often imports of multi-layer parquet made of tropical wood. Discover planks and parquet from local wood of short distances!

Wooden floors of the short distances from the Alpine area instead of China save more than 10 kg CO<sub>2</sub> / m<sup>2</sup> floor space. With a mean living space of 250 m<sup>2</sup> per new building, this is 2 t of CO<sub>2</sub>. Even the durability is important, because a timber floor holds generations, while a textile / plastic floor must be renewed after about 15 years.

### Floors are only climate-friendly by short distances.

Overlapping flows of goods in Slovenia's foreign trade in wood floors create unnecessary 878 t of CO<sub>2</sub> emissions every year. Hardwood floors from France instead of imports from long distances save about 4% of the CO<sub>2</sub> saved by the European green building program. It would be the same CO<sub>2</sub> savings as 418 houses with photovoltaic systems save.

### Wooden floors of Low Carbon Timber of the Alpine Space in your house instead of wooden floors from China save about 2 t of CO<sub>2</sub> / residential building.

	The exchange „LED instead of light bulb“ in the whole house reaches the same CO <sub>2</sub> saving only after 9 years.
	This compensates for the CO <sub>2</sub> emissions caused by 1 year of electricity and heating in a modern new building.
	This compensates the CO <sub>2</sub> emissions of 1 year driving a Middle class car.
	Replacing older appliances with the most energy-efficient appliance on the market will only reach about the same CO <sub>2</sub> savings after 47 years in case of washing machines and only 15 years in case of refrigerators.



### Ask for ... !

One cannot guess the origin and transport distances of 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.