

**Interreg**



EUROPEAN UNION

**Alpine Space**

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EUROPEAN REGIONAL DEVELOPMENT FUND

CaSCo - Carbon.Smart.Communities

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

## Wooden Floors

compiled by

HOLZ VON HIER

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

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 be covered domestically. Multi-layer parquet Imports from China, Belgium, Poland and Sweden (and also Austria in terms of quantity) to France account for most of the 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!**

Wood floors of the short distances from the Alpine Space 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 lasts for 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 France's foreign trade in wood floors create unnecessary 930 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 443 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 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.