

# Interreg



## Alpine Space

## CaSCo

EUROPEAN REGIONAL DEVELOPMENT FUND

CaSCo - Carbon.Smart.Communities

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

# Roundwood

compiled by

HOLZ VON HIER

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

ROUNDWOOD

of short distances



Today even roundwood is traded internationally.

Without evidence of short distances, roundwood today cannot longer be considered a regional resource. Roundwood is both imported and exported. The main importing countries for roundwood to Italy are: Croatia, Slovenia, France, USA and Austria. The main export countries for roundwood from Italy are: Austria (predominantly), Switzerland, China, Israel and Albania. The main tropical timber importing countries to Italy are: Cameroon, Congo, Myanmar, Angola, Guyana, Mexico, Taiwan, Costa Rica, Brazil, Colombia, China, Chile, Malaysia, Benin, Cote d'Ivoire, Madagascar. The majority of these countries are known for high poaching rates.

For the protection of climate the reducing the material flows is crucial.

The fact that wood captures CO<sub>2</sub> when growing, does not automatically guarantee a climate-friendly timber product. If the logs come from overexploitation, then at worst no CO<sub>2</sub> capturing in the wood can be accounted, since the harvested wood is not replaced, unlike in sustainably managed forests. Long distances alone can cause high CO<sub>2</sub> emissions when transporting logs from the forest to the sawmill. Owing to overlapping material flows of roundwood in Italy's foreign trade avoidable 97.318 tonnes of CO<sub>2</sub> emissions are produced each year. The CO<sub>2</sub> savings by using HvH roundwood in Italy are 4.4 times as much as by the European Green Building Program or would match 80% of the CO<sub>2</sub> savings from the European Green Light program.

**Avoiding 97.318 tonnes of CO<sub>2</sub> emissions by using Low Carbon Timber (HOLZ VON HIER) in italian production instead of tropical roundwood with poaching risk would save each year as much CO<sub>2</sub> ...**

	... as 46.342 households with photovoltaic systems.
	... how 69.513 modern passive houses emit of CO <sub>2</sub> through the consumption of electricity and heat per year.
	... as 44.235 middle class cars are annually emitting by fuel consumption.

Anyone can contribute to this by requesting wood with a proof of short distances (Low Carbon Timber) for each product.



Ask for ... !

One cannot guess the origin and transport distances fo 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.