



MASILVA
WE ARE CORK

Commitment towards sustainability is a part of us

At MASILVA, we have the privilege of working daily
with one of the noblest raw materials on the planet: cork,
which is 100% natural, 100% reusable and 100% recyclable.

We are privileged to work with people who are motivated to make a
difference. We are privileged to contribute to a more sustainable world
through our cork oak harvesting activity.

We have the advantage of our production process
being 100% verticalised.

We thank nature for all of this, and undertake to give more than we
receive. Actively contributing to the sustainability of cork oak forests,
which play such an important role in CO₂ sequestration, biodiversity
preservation and combating desertification.

**It is because nature is part of us
that we are part of nature.**

explore



Everything for the environment



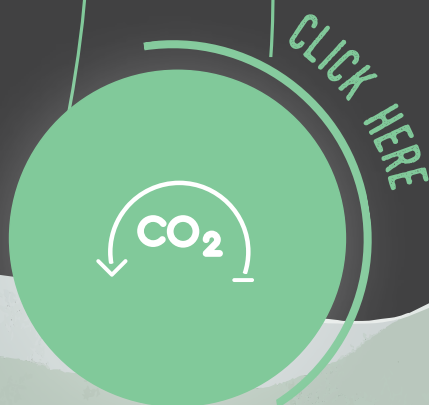
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Our actions are proven through the quality of our cork stoppers, the partnerships we build, the figures we present and our contribution to an increasingly greener world.

A recent study by independent consulting KPMG International found that the carbon footprint of all MASILVA cork stoppers analysed NATURAL, SPARKLING and MICROAGGLOMERATE – were negative.

The conclusions take into account MASILVA's emissions in the different stages of the cork stoppers production process and CO₂ retention, to which MASILVA contributes, in the cork oak tree forests. The analyses considered all stages of the production process, taking a *cradle-to-gate* approach, which included: **raw material extraction**, **treatment**, **production** and **finishing**. Subsequently, an analysis was carried out that also included the **distribution** phase, until the Champagne region in France. In addition to the already known benefits of using cork stoppers in wines, the negative carbon footprint of our cork stoppers contributes to reducing our customers' carbon footprints.

Winemakers, winegrowers and wine specialists now have more reasons than ever to choose MASILVA's cork stoppers.



Calculation Model



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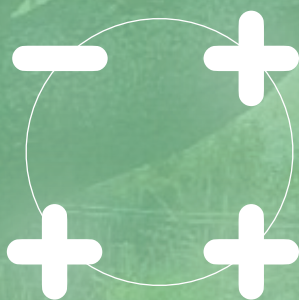
Calculation Model

FOREST

Accounting for carbon sequestration resulting from cork oak forests

TRANSPORTATION

Emissions from the use of combustion-propelled vehicles



ENERGY

Emissions resulting from the use of energy in the production centers

MATERIALS

Emissions resulting from the production and transportation of chemical materials



CLICK HERE

Forest
Methodology



Note: Emissions associated with the treatment of effluents were not considered



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Forest Methodology

The calculation of carbon sequestration includes MASILVA's activities related to the operation and preservation of cork oak forests.

Approach

Carbon sequestration per area (ha) of forest
-> 73 ton CO₂/ ton cork.

Micro Agglomerated Cork Stopper

323,3g CO₂ per stopper

Sparkling Wine Cork Stopper

589,2g CO₂ per stopper

Natural Cork

267,7g CO₂ per stopper

KEEP EXPLORING



Assumptions
per area of analysis



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Methodology Assumptions

by area of analysis



General

MASILVA cork stoppers were considered for the footprint calculation.



Forest

Emissions resulting from transportation within the cork oak forest were considered immaterial.



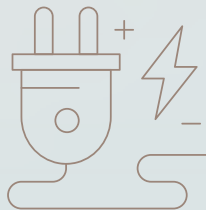
Production

The information to support the footprint calculation concerns 2020. The packaging phase proved to be immaterial.



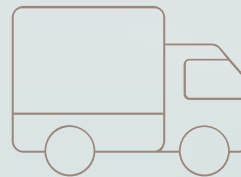
Chemicals

Only chemicals with a representativity of at least 10% of the total quantity for the production of each type of cork stopper are considered to calculate the footprint.



Energy

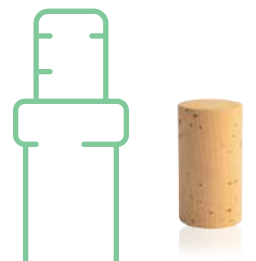
The calculation of energy consumption allocation is based on the quantity and mass of cork stoppers produced.



Transportation

For all routes, all round trips are considered, both outward and return, the later having no associated load. The calculation used the presumed average consumption of trucks, as well as changes in consumption according to the weight of the cargo transported. Where the average consumption of diesel fuel by the trucks used on the same routes varied, the highest consumption was used.

OUR CORKSTOPPERS





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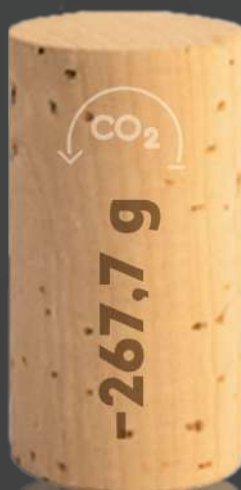
WEAREGREEN

Negative Carbon Footprint



Natural Cork

Figures of the negative carbon footprint in the study carried out by KPMG, according to the group's strategic axis of sustainability.



The analyses considered all stages of the production process, taking a *cradle-to-gate* approach, which included: **raw material extraction, treatment, production and finishing.** Subsequently, an analysis was carried out that also included the **distribution** phase.

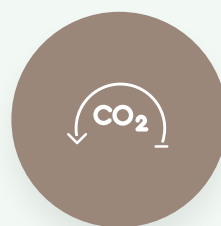




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Negative Carbon Footprint



Sparkling Wine Cork



The analyses considered all stages of the production process, taking a *cradle-to-gate* approach, which included: **raw material extraction, treatment, production and finishing.** Subsequently, an analysis was carried out that also included the **distribution** phase.

Figures of the negative carbon footprint in the study carried out by KPMG, according to the group's strategic axis of sustainability.

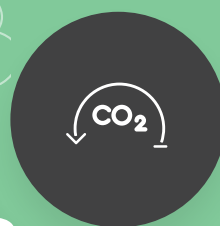




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Negative Carbon Footprint



Micro Cork Stopper



FDA

NEO® stoppers (microagglomerate) approved by the FDA (Food and Drug Administration).

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What our brand represents in the World



The **CARBON FOOTPRINT** is a measurement that expresses, in tonnes of CO₂ or CO₂ equivalent, the total emissions caused by a person, event, product or company.

KPMG's calculation of **the carbon footprint of our cork stoppers** using the Footprint Expert tool, represents the CO₂ equivalent, i.e. various greenhouse gases, including methane and nitrous oxide.

The fact that our cork stoppers have a negative carbon footprint means that we are contributing positively to a more sustainable planet.

**Aware of our responsibility towards the environment,
we remain certain that, the more we produce, the more we
deliver to the biggest home in the world, the one that
welcomes us all.**





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