

ENVIRONMENTAL INFOGRAPHIC

OUR CARBON FOOTPRINT

The planet is warming up and the industrial activity generates an important portion of the greenhouse gas emissions.

What are we doing at Lamitech to contribute to climate change and have a positive impact on our planet?



Our carbon footprint

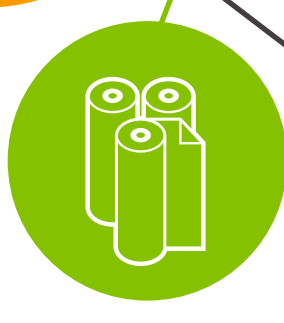
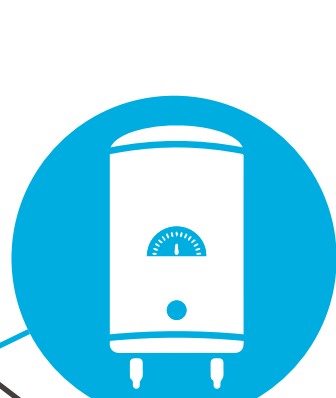
1

The planet is warming up and the industrial activity generates an important portion of the greenhouse gas emissions.

What are we doing at Lamitech to contribute to climate change and have a positive impact on our planet?

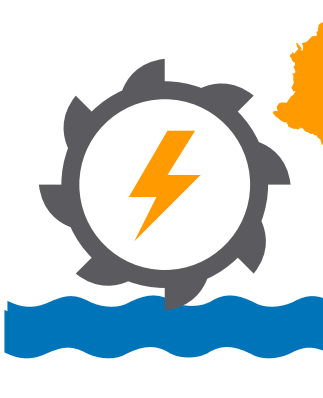


2



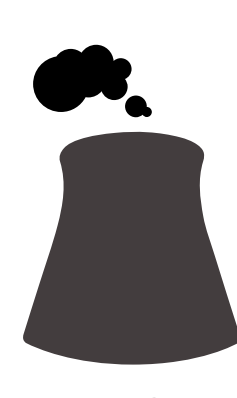
Direct combustion emission
+931
gCO2/m2

Natural gas is used to generate heat at our processes



85%
Renewable energy
COLOMBIA

VS



15%
Non-renewable
Energy

3



NUCLEAR SOURCES IN OTHER COUNTRIES

Colombian electric matrix has around 85% of renewable resources such as hydraulic energy. We have no nuclear sources

+293
gCO2/m2

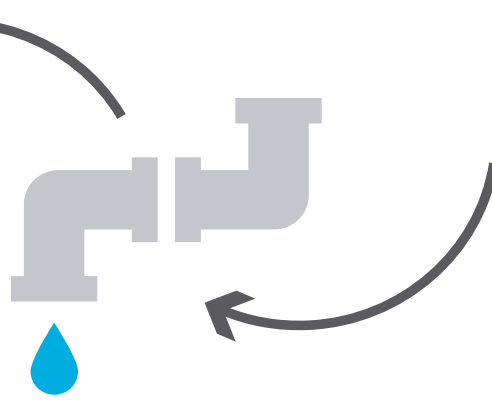
(931 + 293) = 1.224
gCO2/m2

Manufacture emission

4



CO2 in the product



WATER BASED RESINS (non-solvent)

-1.083
gCO2/m2

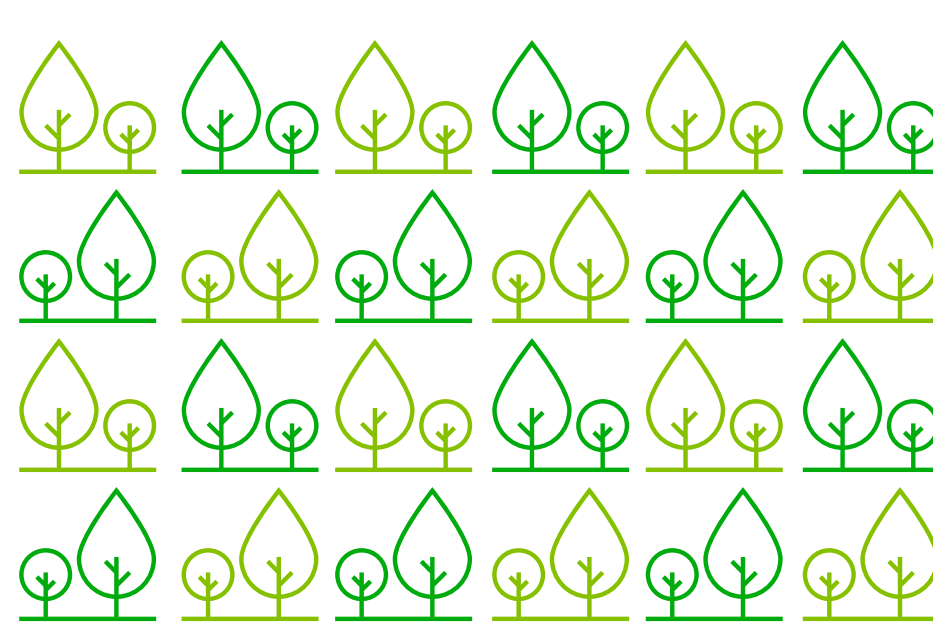
Trees while growing remove CO2 from the environment and store it as dry mass in a process known as photosynthesis. Said CO2 remains for a long time inside even when trees are transformed into wood or wood products. Lamitech uses papers in its laminates production where CO2 remains stored for its lifetime.

1.224 - 1.083 = +141
gCO2/m2

Net laminate emission

5

Offset: Lamitech has sown 200 hectares of trees in order to permanently remove CO2 from the environment. With this activity, **2.000 tons of CO2 is removed each year.**



200Ha
seeded

-40
gCO2/m2

440 tons of CO2 removed from the atmosphere.

6

49.511
Gallons of fuel consumed

65
Electricity for homes used in a year

956.652
Miles driven by an average vehicle

440 Tons of CO2

7