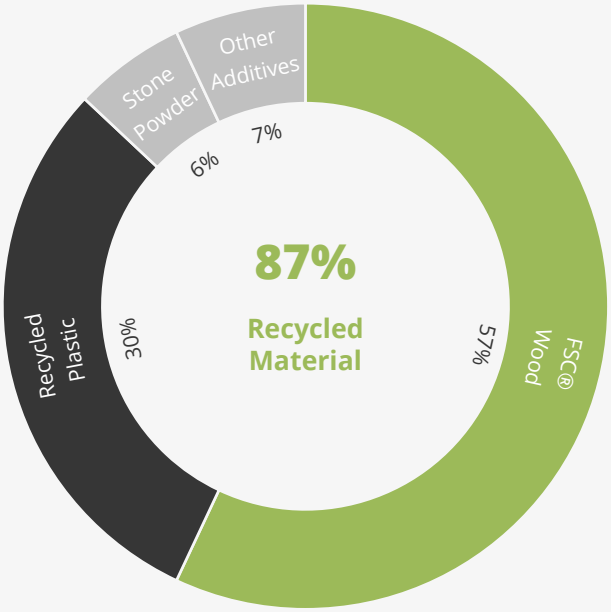
Hyperion® Composite Products Now Manufactured With Wind Energy

We have conducted an extensive Life Cycle Assessment (LCA) of all of our products, including the publication of an publishing an Environmental Product Declaration (EPD) with the results for our composite products.

Through analysing these results we were able to identify where the most significant environmental impact of our products lies, and identify where we could make the most significant improvement to our products.

Composition

EnviroBuild Hyperion® Composite is made from 57% FSC® certified wood, sourced from waste material in plywood production, and 30% recycled post-consumer plastic.

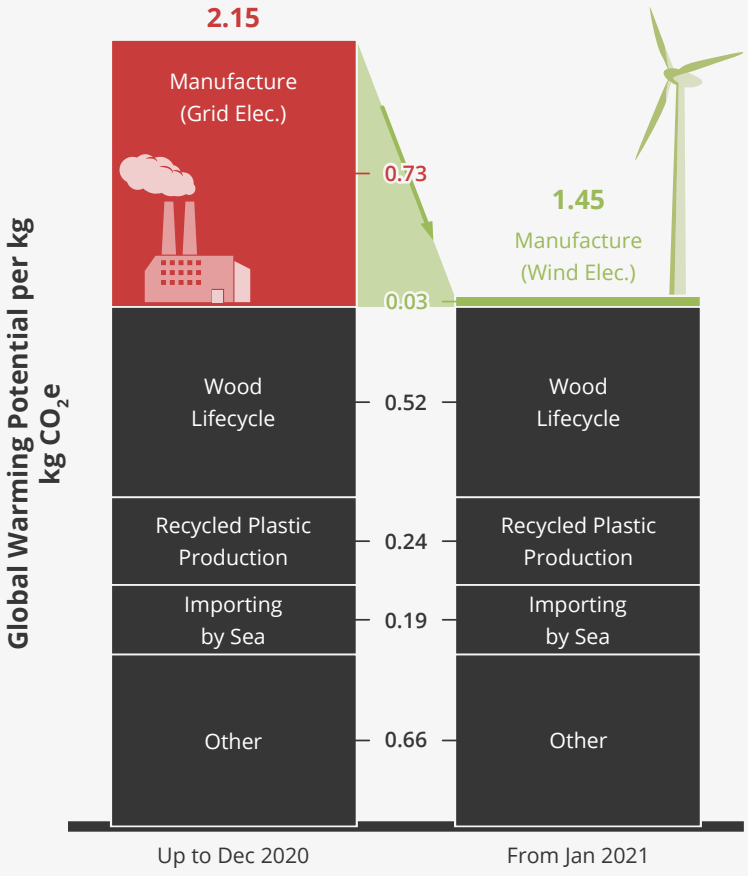


Wind Energy

As of 2021, all Hyperion® Composite products are manufactured using wind energy

Carbon Footprint per m² (kg CO_2e)

	Grid Energy	Wind Energy
Pioneer	34.3	23.1
Explorer	40.8	26.9
Frontier	48.0	32.3



Environmental Impact

Through analysing the environmental impact of Hyperion® products, we were able to identify that 34% of the carbon footprint (as measured by Global Warming Potential) was caused by the electricity in the manufacturing of the product. As of January 2021, this electricity is sourced from **wind energy** instead, which has reduced the environmental impact by 32% overall.

32%

Reduction in Carbon Footprint

What is Global Warming Potential?

Global Warming Potential (GWP) can be thought of as the technical term for **carbon footprint** over the entire lifecycle of a product.

It is the amount of carbon dioxide released into the atmosphere, plus other greenhouse gases weighted according to their relative contribution to heating the atmosphere compared to CO_2. It is measured in kg CO_2e.