EnviroBuild Aluminium Products Can Now Be Produced With Wind Energy

We have conducted an extensive Life Cycle Assessment (LCA) of all of our products. Through analysing these results we were able to identify where the most significant environmental impact of our products lay, and therefore identify where we could make the most significant improvement to our products.

Wind Energy

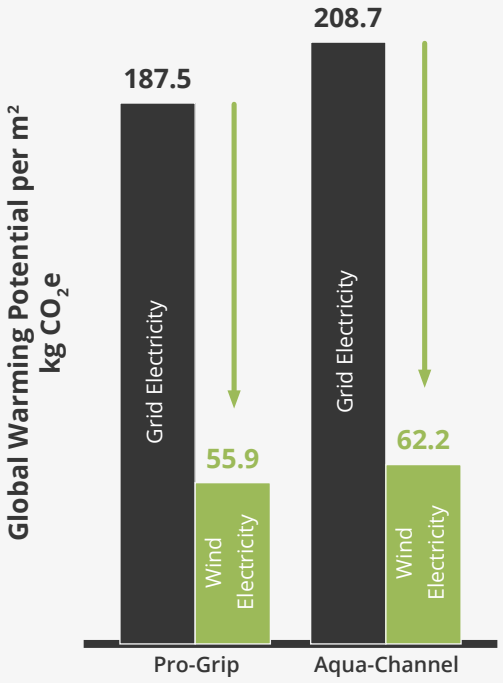
EnviroBuild aluminium products have the option of being manufactured with wind energy

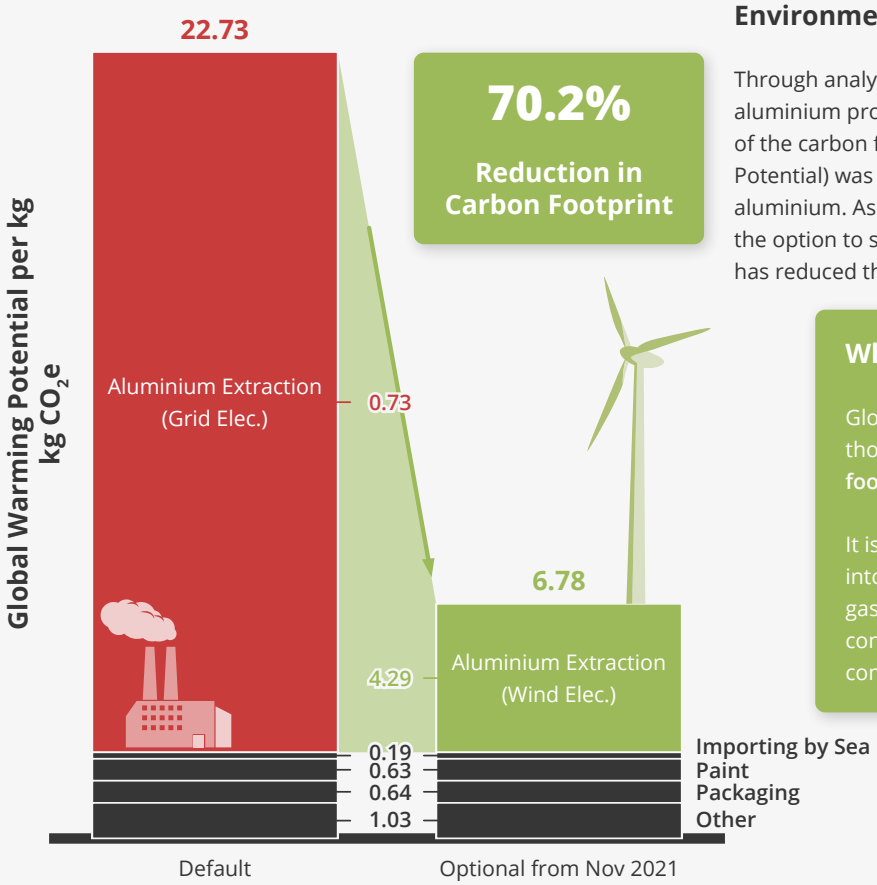
'Green' Your Aluminium

Aluminium has enormous potential for becoming the material of a carbon-neutral world. It's prevalence and high recyclability can reduce the carbon footprint of whole supply chains. This, in turn, could lead to scaling up the concept of a circular economy.

Producing aluminium oxide from bauxite and smelting aluminium are both energy intensive processes. As such, simply using renewable energy significantly decreases the Global Warming Potential. Using renewable energy over the entire life cycle of the material leads to even further gains.

The cost of using green electricity for the production of our aluminium decking is £2 per m². At EnviroBuild, we are willing to split the bill. Meaning we match you, pound for pound, in an effort to reduce carbon emissions.





70.2%

Reduction in Carbon Footprint

Environmental Impact

Through analysing the environmental impact of our aluminium products, we were able to identify that 89% of the carbon footprint (as measured by Global Warming Potential) was caused by the electricity in the extraction of aluminium. As of September 2021, our customers have to the option to source this from **wind energy** instead, which has reduced the environmental impact by 70.2% overall.

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.