

SUSTAINABILITY AWARD: NET-ZERO

SHORTLISTED: Far-UK Ltd

At its core, Far-UK recognises decarbonisation and sustainable design as fundamental steps to reaching net zero within the transport industry.

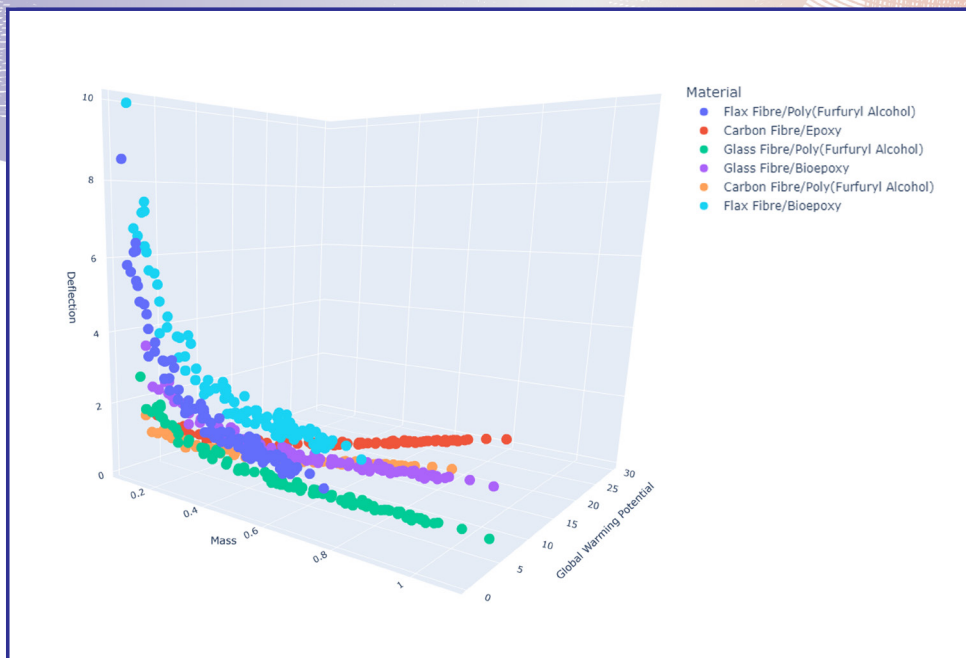
Far-UK has established an approach to sustainable design that has enabled the business to quantify the environmental impact of products and processes, and therefore develop technologies with significant carbon footprint reduction compared to traditional solutions.

The approach stems from Analysis Led Design techniques that the company has generated.

These involve using Finite Element Analysis (FEA) and the optimisation of composite structure designs, combined with environmental impact and cost analysis.

Far-UK has also identified hotspots in its operational carbon footprint and is working to minimise these, including reducing Scope 2 emissions (see Greenhouse Gas Protocol) by 2.7 tonnes CO₂e so far (equivalent to a year's gas use for a four-bed home).

Website: www.far-uk.com



Far-UK is using a Pareto front tool to optimise solutions focused on minimising emissions through sustainable design. Units omitted for IP reasons.

AWARD SPONSORS

