

SUSTAINABILITY AWARD: CIRCULARITY

WINNER: Lineat Composites

Lineat is closing the loop for carbon fibre by re-aligning short fibres into uni-directional tapes using its Aligned Formable Fibre Technology (AFFTTM), allowing easy use and re-use of carbon fibre.

The first full carbon fibre circularity from part2part was demonstrated by reclaiming carbon fibres from a broken carbon fibre tennis racket and using them to manufacture a new tennis racket with 50% recycled material.

This opens a new circular model for carbon fibre, using fibres from end-of-life scrap or off-cut material and creating a new material format to make equivalent-performance components again with minimal manufacturing changes required.

The racket demonstrator is the start of turning single-use carbon fibre into the sustainable multi-use lightweight material of the future.



Website: www.lineat.co.uk

AWARD SPONSORS

