

SUSTAINABILITY: CIRCULARITY**FINALIST: Uplift360**

Uplift360 has developed a uniquely sustainable chemical recycling technology, ChemR, for the recovery of reinforcing fibres. The process operates at ambient conditions, reuses its solvent, and is highly versatile across a range of resin chemistries and fibres.

This process was applied to a highly complex, real-world composite waste stream, namely a helicopter rotor blade, and demonstrated excellent compatibility for reclaiming high quantities of reinforcing fibres, notably reclaiming over 37.5g of reinforcing fibres at >99% purity.

This marks the first known demonstration of fibre recovery from such complex composite waste, showcasing ChemR's potential to divert advanced materials from landfill and enable circularity in aerospace and defence sectors.



Learn more at: www.uplift360.tech