Composites UK Trade Association

Marine & Boat Recycling

SUSTAINABILITY: CIRCULARITY

FINALIST: Marine & Boat Recycling

Marine & Boat Recycling was established to address a major circularity challenge in the marine industry: the sustainable management of end-of-life GRP vessels. Its approach transforms vessels from a disposal problem into a source of valuable resources through specialist dismantling, parts recovery, material segregation, recycling and product development.



To date, approximately 862.80 tonnes of material from end-of-life vessels has been processed. Of this, 213.11 tonnes (24.70%) have been retained at their highest value through the recovery and resale of marine equipment and manufacture of recycled composite products. A further 252.81 tonnes (29.31%) have been recycled into secondary raw materials, including metals and other recyclable components. In total, 465.92 tonnes – more than 54% of all material processed – has remained in productive use through reuse and recycling. The remaining 396.88 tonnes has been directed to specialist waste-to-energy facilities, achieving a zero-to-landfill solution.



The process carefully dismantles vessels to separate reusable equipment, metals, timber and composite materials into clean streams. Recovered equipment is returned to market, while GRP is increasingly transformed into recycled composite products such as planks.

A key innovation is the company's plank buy-back scheme, enabling vessel owners to purchase recycled composite planks manufactured from material recovered from their own vessel, creating a tangible closed-loop solution. These products can themselves be recycled and remanufactured at end-of-life.

The approach provides a scalable alternative to landfill and abandonment while creating new markets for recovered materials. With thousands of GRP vessels approaching end-of-life across the UK, Marine & Boat Recycling is helping establish a practical, commercially viable pathway towards a more circular marine industry.

Learn more at: www.marineandboatrecycling.co.uk