

## INNOVATION IN COMPOSITE MATERIALS

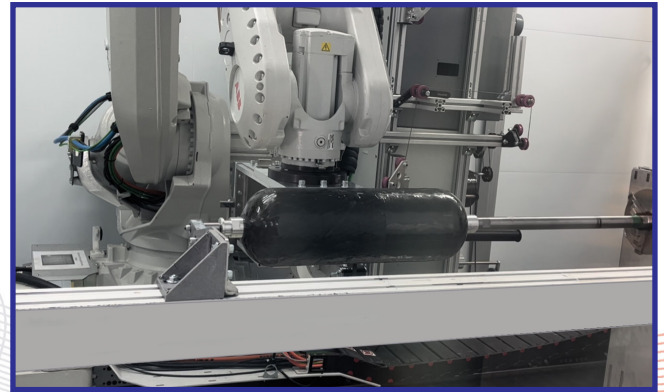
**WINNER:** CYGNET TEXKIMP with B&M Longworth and the NCC

DEECOM® is a highly innovative recycling solution that uses pressure in a superheated steam atmosphere – a process called pressolysis – to reclaim fibres and resins from end-of-life composite components and offers the potential for both elements to be reused in the manufacture of new parts.

The technology is being developed to help overcome the challenges of waste and supply in composites and create a more sustainable future for the industry.

DEECOM® offers a way to reclaim long-form and continuous fibres which retain length, shape and performance and can be remanufactured into new composite parts – capability which has been evidenced in a ground-breaking collaboration with the National Composites Centre. This sets the solution apart from alternative methods and means it has the potential to deliver genuine circularity in high-value composites.

The solution was invented by sustainable reclamation technology engineers at B&M Longworth and is being developed for the composites market by composites technology specialist and machine builder Cygnet Texkimp.



**Website:** [www.cygnet-texkimp.com](http://www.cygnet-texkimp.com)

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