

INNOVATION IN COMPOSITE MANUFACTURE AWARD

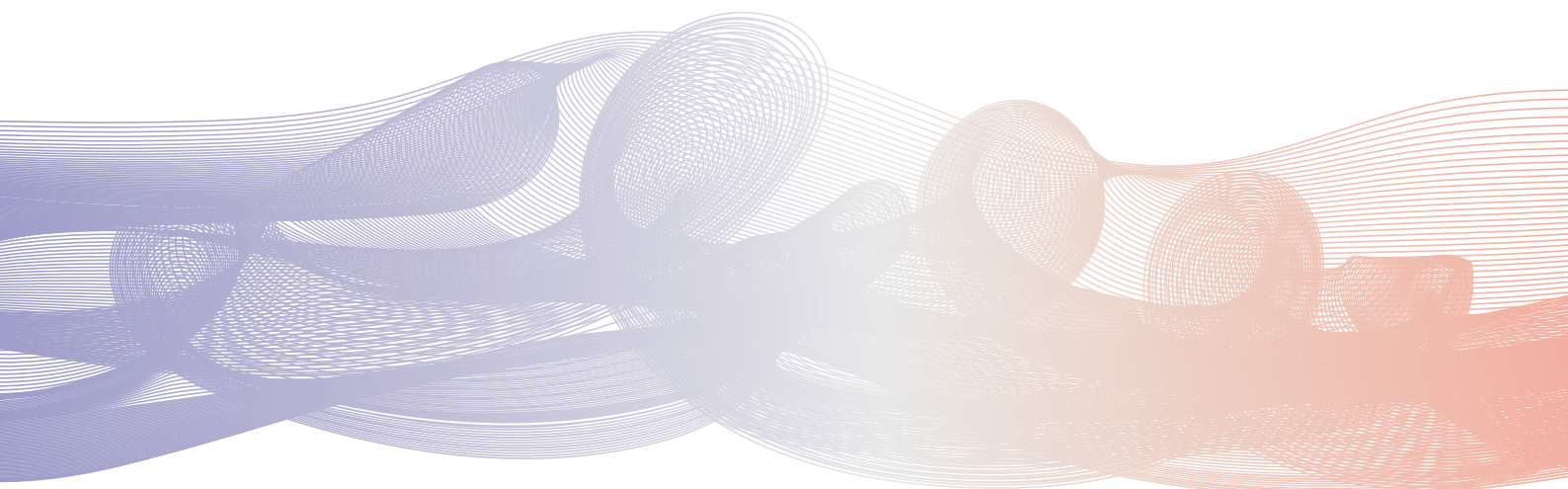
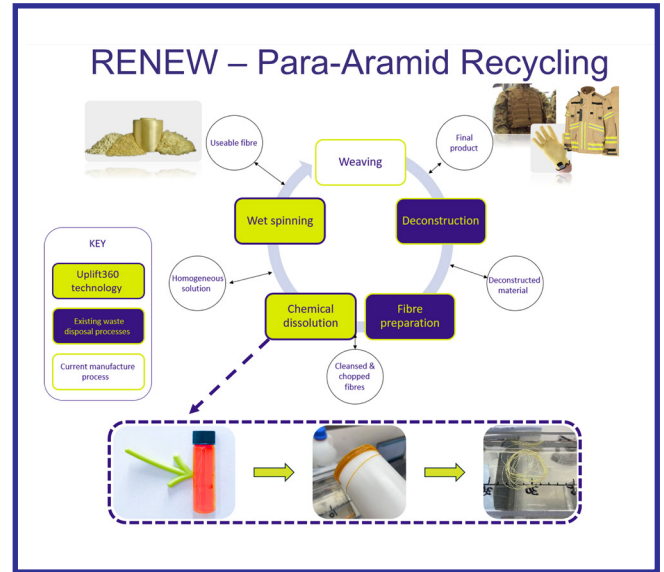
SHORTLISTED: Uplift360

Renew is a chemical process that dissolves aramid fibres in a recyclable solvent, producing a liquid dope that integrates into existing aramid manufacturing processes, with significantly reduced corrosivity to concentrated sulfuric acid, used in virgin aramid production.

Our process is expected to operate at a GWP of 6.4-14.4 kg CO₂e per kg versus 18.20 kg CO₂e per kg for virgin fibres and can competitively compete with the economics of virgin production.

The vision for this technology is to process both industrial and post-consumer waste, retaining the value of waste fibres and reducing costs and environmental impact.

Learn more at: www.uplift360.tech



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