

SUSTAINABILITY AWARD

Shortlisted: B&M Longworth (Edgworth) Ltd

DEECOM®, a superheated, low pressure steam reclamation process.

It's no wonder the cost of carbon fibre is high. The industry budgets for significant waste and then pays to have it disposed of – but it needn't be this way!

Environmentalists at heart and innovators by nature since 1976, Longworth has patented DEECOM®, a superheated, low pressure steam reclamation process. DEECOM® reduces, recovers and allows the reuse of pristine carbon and glass fibres along with resin monomers, it emits only water vapour into the atmosphere making it a 'clean' alternative to more established recycling methods.

DEECOM® is sustainable in itself; a low energy, clean system using only water and energy – there are no toxic fumes, hazardous emissions or expensive solvents required.

In addition, DEECOM® brings sustainability to those employing it – they can reduce, if not negate waste, reduce energy, drastically reduce their carbon footprint AND reduce their costs.

BUT...it's no good recycling fibres if we aren't willing to then use recycled content. We must ALL find a place for recycle in our supply chain.

Our task: to launch an emerging technology into a new industry, across multiple sectors, in new world regions, all from a low TRL, no contacts and very limited budget. But we love a challenge...

Website: www.deecomlite.com



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