

ENVIRONMENTAL POTENTIAL



Protecting our planet and preserving its resources for future generations is a high priority and a particular challenge for industry. Carbon Capture and Utilisation offers real potential to make progress. Econic's clean-tech catalyst technologies unlock that potential, turning CO₂ into a useful raw material for plastics instead of it being released as a harmful waste gas.

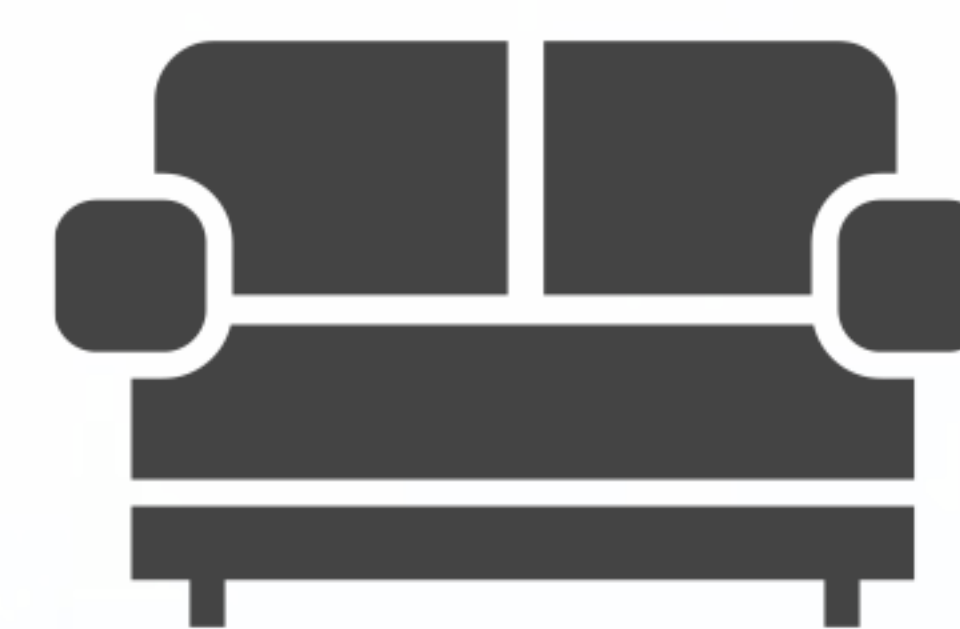
Using our catalyst technologies, CO₂ can be locked into the polymer chain alongside conventional raw materials. Taking polyol manufacture as an example, CO₂ could form up to 50% of the constituent ingredients. And for every ton of CO₂ utilised, a further two tons of CO₂ can be saved by avoiding the manufacture of more petrochemical feedstocks.

Econic catalyst technologies are energy-efficient to use, and operate under mild conditions. So even less demand on scarce fossil fuels. Turning harmful CO₂ into something meaningful for our planet is an exciting prospect.

THE USE OF ECONIC CATALYST TECHNOLOGIES IN THE MANUFACTURE OF POLYOLS MEANS THAT:

2M

30% market adoption by 2026 would mean around 3.5M tons/annum fewer CO₂ emissions - equivalent to taking more than 2M cars off the road every year.



More CO₂ could be deployed into everyday products, turning waste into potential and avoiding harmful emissions in the process.



More CO₂ saved as a result of a reduced reliance on fossil fuel-based raw materials, which themselves generate CO₂ in their production.



Turning CO₂ into products that last longer and perform better and reduce their carbon footprint on the planet.

If you are interested in partnering with us to turn CO₂ into something of real potential value, get in touch with us here.

ECONIC

TURNING CO₂ INTO ENDLESS POTENTIAL

NEED HELP?

If you want to harness the potential of CO₂ or simply know more please get in touch with:

Mr Leigh Taylor
Head of Sales & Licensing
+44 (0) 1625 238 645

CONNECT WITH ECONIC



enquiries@econic-technologies.com
econic-technologies.com
Tel: +44 (0) 1625 238 645

WHERE WE ARE

Econic Technologies Ltd
Block 19S
Alderley Park
Macclesfield
SK10 4TG

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