

COOL PLANET TECHNOLOGIES PROGRESSING CONSTRUCTION OF CARBON CAPTURE DEMONSTRATION PLANT

Cool Planet Technologies (“Cool Planet”) announces that assembly of its 10,000-tonnes-per-annum carbon capture plant at Holcim’s Höver cement facility in Germany is now underway, with all major equipment successfully delivered to site.

Cool Planet’s construction team is currently installing and connecting the prefabricated modules, which is expected to take around two months. Capture operations are scheduled to begin in Q2 2026 which will be followed by a 12-month testing and demonstration programme.



The Company’s modular membrane-based carbon capture technology enabled the plant to be prefabricated offsite and transported to Höver for final assembly. The process modules were fabricated and assembled by Blackrow Engineering in the UK and will be integrated with other equipment manufactured in the UK, Germany, Netherlands, Belgium and Italy. Blackrow’s site team are assisting Cool Planet with the assembly of the plant.

Andrew Corner, CEO of Cool Planet, commented:

“We are excited to be in the final stages of the building of our plant at Höver and we look forward to seeing this ground-breaking plant operational in the coming months. This will mark a major milestone in the industrial deployment of our technology and positions Cool Planet at the forefront of lower cost, scalable industrial carbon capture solutions.”

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Media Enquiries

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Cool Planet Technologies is a carbon capture company significantly reducing the cost of carbon capture using advanced membrane-based technology in hard to abate sectors including cement, lime, steel, refining, waste to energy and coal-fired power generation.

The chemical-free process uses significantly less energy than established carbon capture technologies and can be powered entirely from renewable electrical power making it an environmentally friendly technology choice. The highly compact, scalable, modular, and operationally flexible process makes it ideal for retrofit and new-build applications.

Cool Planet has the exclusive rights to commercialise the membrane technology, which was developed by Helmholtz Zentrum Hereon, part of Germany's largest research organisation. Cool Planet and Hereon are collaborating on the development and commercialisation of the technology, which has been continuously improved and validated in multiple pilot tests over the last two decades, including a highly successful test at Holcim's, the world largest cement manufacture, Höver cement plant in 2022.

Cool Planet will operate the technology industrially at a scale of 10,000 tonnes of captured carbon dioxide per annum in 2026 as part of the project with Holcim to upscale the technology for the decarbonisation of their Höver plant.

For further information please visit:

www.coolplanettech.com

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About Blackrow Group

Blackrow Group is a UK-based engineering and fabrication specialist, providing integrated mechanical, electrical, structural, and project delivery services to industrial clients across multiple sectors.

Operating from major facilities in Grimsby on the Humber and the Midlands, Blackrow supports clients nationwide and internationally with both reactive site support and full turnkey projects. The company's in-house teams deliver everything from engineering design and fabrication through to installation, commissioning, and ongoing maintenance.

Blackrow's capabilities include structural and pipework fabrication, scaffolding and thermal insulation, production line installations, factory relocations, bespoke machinery, electrical engineering, automation and control systems, and precision machining.

By managing projects across multiple disciplines under one contractor, the company helps clients reduce downtime, simplify coordination, and improve overall project efficiency.

With decades of experience in demanding industrial environments, Blackrow Group is known for its practical, hands-on approach, strong safety culture, and commitment to quality. The business operates to internationally recognised standards, including ISO 9001, ISO 14001, and ISO 45001.

For further information please visit:

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