



COOL PLANET TECHNOLOGIES LIMITED

MOU FOR COLLABORATION WITH CARMEUSE

Cool Planet Technologies Limited (“Cool Planet”) is pleased to announce that it has signed a MOU with Carmeuse Technologies SA (“Carmeuse”), a leading global manufacturer of lime, limestone, and mineral-based products, to collaborate on decarbonisation technology developments, using Cool Planet’s advanced membrane-based carbon capture technology.

At the heart of the collaboration is the decarbonisation of Carmeuse’s lime production assets. The collaboration involves Cool Planet’s technology to create a pilot demonstration plant as well as a study for an industrial plant decarbonisation solution with a view to developing a cost-efficient and innovative solution.

Andrew Corner, the Managing Director of Cool Planet Technologies, commented:

“We are very pleased to be collaborating with Carmeuse. Cool Planet’s technology has a huge advantage in industries such as lime and cement and we look forward to working with Carmeuse to progress their decarbonisation plans and deliver a cost-efficient solution.”

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Notes to Editors

About Cool Planet Technologies Limited

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, energy from waste 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 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 decade, including a highly successful test at Holcim’s, the world largest cement manufacture, Höver cement plant in 2022.



Cool Planet will undertake a demonstration at scale of the advance membrane capture technology at Hereon's site in 3Q 2024. This will be followed by Cool Planet operating the technology at a scale of 10,000 tons per annum in Q1 2025 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

Follow Cool Planet Technologies on LinkedIn: www.linkedin.com/company/cool-planet-technologies

About Carmeuse

Founded in 1860, Carmeuse is a leading manufacturer of lime, limestone and mineral-based products used in a variety of industrial, construction, soil improvement applications, and benefits the environment by providing cleaner air and safer water. Carmeuse and its subsidiaries also offer equipment and services to optimise its customers' processes, improve safety, provide reliable supply and lower CO₂ emissions. The Carmeuse Group has approximately 5,300 employees and serves over 13,000 customers annually through a global network of 90 plants and 60 quarries.

More information on www.carmeuse.com