



## COOL PLANET TECHNOLOGIES LIMITED

### **COOL PLANET TECHNOLOGIES NAMED AS “AN EARLY-STAGE START-UP TO WATCH”**

Cool Planet Technologies Limited (“CPT”), a company using advanced membrane capture technology for carbon capture, is pleased to announce that it has been named an “early-stage start-up to watch” by Sifted, the leading media brand for the European startup community backed by the Financial Times.

Cool Planet Technologies is listed in Sifted’s recently published “*Climate Infrastructure*” briefing which features a select number of startups that have developed key technologies and are moving onto integration within existing infrastructure systems.

The CPT’s carbon capture technology significantly reduces the cost of carbon capture by using an advanced membrane-based technology for hard to abate sectors. CPT’s chemical-free process uses significantly less energy than established carbon capture technologies. This technology will be demonstrated at an initial scale of 10,000 tons per annum as early as 2024 as part of the project with Holcim to decarbonise their Höver cement plant.

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#### **Notes to Editors**

##### **About Cool Planet Technologies Limited**

Cool Planet Technologies (CPT) is a carbon capture company significantly reducing the cost of carbon capture using an 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 flexibility process makes it ideal for retrofit and new-build applications.

CPT has the exclusive rights to commercialise the membrane technology, which was developed by Helmholtz Zentrum Hereon, part of Germany’s largest research organisation. CPT 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 Höver cement plant in 2022. CPT will demonstrate the technology at a scale



of 10,000 tons per annum in early 2024 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](http://www.coolplanettech.com)

Follow Cool Planet Technologies on LinkedIn: [www.linkedin.com/company/cool-planet-technologies](https://www.linkedin.com/company/cool-planet-technologies)

### **About the Sifted**

Sifted is the leading media brand for the European startup community. Backed by the Financial Times, our team of dedicated journalists spans the continent. Our unrivalled journalism sifts through the noise to give you breaking news, insightful analysis and actionable data.

We focus on the human dimension of entrepreneurialism — how the tough reality of running a startup so often diverges from the mythology; how successful startups have shaped inclusive internal cultures; and how some founders have spurned the VC route and bootstrapped their way to success.