



13 November, 2023

ASX:14D

## 1414 Degrees receives increased funding from Woodside for SiBox®

**1414 Degrees Ltd** ("1414 Degrees", "14D", or the "Company") is pleased to announce that Woodside Energy Technologies Pty Ltd ("Woodside") have increased their funding of 14D's SiBox Demonstration Module (SDM) by AU\$750,000, taking the total funding to AU\$2.75 million. The increased funding from Woodside will be made on the completion of specific milestones by the Company.

This takes total grant funding of the SDM project to AU\$4.95m including AU\$2.2m from the Australian Government's Modern Manufacturing Initiative. It follows the successful commissioning in mid 2023, demonstrating the SDM's ability to convert electric energy into a controlled very hot air stream for industrial processes.

The SDM is now operating autonomously, showcasing its flexibility to meet a range of industry needs by operating with constant flow rate at outlet temperatures ranging up to 900°C. It provided a stable hot air stream for over 6 hours at 900°C and over 15 hours at 700°C, drawing from both latent and sensible heat in its SiBrick™ storage media.

Following successful technology validation, Woodside will consider options for both technology infusion and potential pathways for commercialisation.

SiBox represents a significant advancement in 1414 Degrees' energy storage technology developed over more than a decade.

Commenting, 1414 Degrees Chairman, Dr. Kevin Moriarty, stated, "Over the next 12 months, we anticipate that SiBox will emerge as a pivotal emissions solution for industrial sectors that manufacture the infrastructure of our societies and electricity generation. With financial support from Woodside and the Australian Government Modern Manufacturing Initiative, we are well-positioned to facilitate industries' transition to lower carbon energy by providing high capacity high-temperature heat, addressing their unique challenges of high temperature, reliability, and cost-effectiveness."

1414 Degrees Chief Technology Officer, Dr Mahesh Venkataraman said, "SiBox has demonstrated that our tech has the potential to abate emissions in carbon-intensive industries and has been recognised by Woodside for our progress in achieving technical milestones. We have now successfully completed a key milestone in the validation of SiBox and will continue to test this technology for industrial applications."

For further information on the Company's agreement with Woodside Energy Technologies Pty Ltd, refer to the Company's announcement to the ASX dated 13 October 2021.

### AUTHORISED BY:

Dr Kevin Moriarty, Executive Chairman on behalf of the Board of Directors

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### ABOUT 1414 DEGREES LIMITED

1414 Degrees is an innovative clean energy company focused on the development and commercialisation of thermal energy storage solutions. Its proprietary silicon thermal storage, SiBrick™, is the key component in its SiBox® latent heat battery. SiBox



delivers high temperature carbon free industrial heat by harnessing silicon's extremely high latent heat capacity. This enables intermittent renewables to provide flexible, ultra-high temperature heat 24/7 for large industrial applications.

The Company commissioned a module of the SiBox technology in 2023 to accelerate the commercialisation of its silicon storage media as a competitive clean energy solution.

In 2019 the Company made the strategic purchase of the Aurora Energy Project (AEP) located near Port Augusta, South Australia. The project is a long-term renewable energy initiative to deliver reliable electricity to the region and National Electricity Market. The AEP has approval for 14D to pilot and demonstrate a large commercial scale version of the SiBox technology.

For more information, please visit [www.1414degrees.com.au](http://www.1414degrees.com.au)

#### FORWARD-LOOKING STATEMENTS

This announcement includes forward-looking statements which may be identified by words such as 'anticipates', 'believes', 'expects', 'intends', 'may', 'will', 'could', or 'should' and other similar words that involve risks and uncertainties. These forward-looking statements are based on the 1414 Degrees' expectations and beliefs concerning future events as at the date of this announcement. Forward-looking statements are necessarily subject to risks, uncertainties and other factors, many of which are outside the control of 1414 Degrees, which could cause actual results to differ materially from such statements. 1414 Degrees makes no undertaking to update or revise the forward-looking statements made in this announcement to reflect any change in circumstances or events after the date of this announcement.