



11 August, 2023

ASX:14D

SiBox® Achieves Key Funding Milestone

1414 Degrees Ltd ("1414 Degrees" the "Company") is pleased to announce the successful commissioning of its SiBox® Demonstration Module (SDM), marking a key funding milestone in the SiBox Development Agreement with Woodside Energy Technologies Pty Ltd ("Woodside"). The commissioning phase involved extensive trials, demonstrating the SDM's ability to convert electric energy into a controlled very hot air stream for industrial processes.

The SiBricks™ in the SDM showed excellent energy storage performance, successfully undergoing 32 cycles of phase change. As previously reported the SDM has showcased its flexibility to meet a range of industry needs by operating at outlet temperatures ranging from 700°C to 850°C and delivering 6–12 hours continuous output at each set point.

The SDM is now operating autonomously and is ready for continuous cycling and discharge testing over the next 12 months to complete the validation phase. Following successful validation and a commercialisation plan, Woodside will evaluate providing further funding to the SiBox business, including potentially acquiring an equity interest in the business.

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

Commenting on this milestone achievement, 1414 Degrees Chairman, Dr. Kevin Moriarty, stated, "Over the next 12 months, we anticipate that SiBox® will emerge as an important emissions reduction solution for the industrial sectors that manufacture the infrastructure of our societies. With financial support from Woodside and the Australian Government Modern Manufacturing Initiative, we are well-positioned to make significant contributions to industries' transition to clean energy. Our expertise in converting renewable electricity to zero-carbon heat, can help them tackle their unique challenges of high temperatures, reliability, and cost-effectiveness."

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

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.