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ASX Announcement 31 January 2026

1414 Degrees Limited (ASX:14D)

1414 DEGREES BUILDS MOMENTUM AT AURORA AND ADVANCES BATTERY MATERIALS PROGRAM

Quarterly 4C Activities & Cashflow Report - Quarter Ended 31 December 2025

Investment Highlights

- Aurora Energy Precinct positioned as a strategic, multi-use energy and infrastructure hub, anchored by 140 MW / 280 MWh Battery Energy Storage System
- Major regulatory milestone achieved subsequent to quarter end, with AEMO and ElectraNet accepting Generator Performance Standards for the Aurora BESS
- Aurora attracting active interest from large-scale infrastructure users, including hyperscale data-centre developers
- SiNTL™ sample fabrication underway following acquisition of the exclusive global licence
- Integration pathway between SiNTL and SiPHyR® technologies advanced, targeting higher-value battery anode materials
- Successful SiPHyR reactor production of hydrogen and pure carbon has informed the design of a larger prototype, with construction commencing in the current quarter
- Heat-as-a-Service progressing, with SiBox and SiBrick attracting new industrial decarbonisation proposals and project delivery initiatives
- Development of SiBrick composite variants and encapsulation strategy have shown improved thermal cycling performance
- Execution capability strengthened with appointment of a Chief Technology & Operations Officer

1414 Degrees Ltd (ASX: **14D**) ("**1414 Degrees**" or the "**Company**") is pleased to announce its Appendix 4C Activities and Cashflow report for the period ended 31 December 2025 (Q2 FY26).

The December 2025 quarter marked a period of strategic momentum for 1414 Degrees, as the Company advanced the Aurora Energy Precinct as a nationally significant energy and infrastructure asset, while continuing to commercialise its Heat-as-a-Service platform (SiBrick® and SiBox®), SiNTL battery materials and SiPHyR® hydrogen reactor.

The Company achieved important regulatory and technical milestones across multiple programs, strengthening execution readiness and supporting the next phase of commercialisation for revenue.

Commenting, Executive Chair Dr Kevin Moriarty said:

> "*The December quarter was about momentum and execution. We made meaningful progress in positioning Aurora as a major energy and infrastructure Precinct, while continuing to advance the technologies that underpin our broader strategy for revenue.*

The acceptance of Generator Performance Standards by both AEMO and ElectraNet is a significant step forward for the Aurora BESS and further de-risks the project. At the same time, growing interest from energy-intensive users, including data-centre developers, reinforces the flexibility and long-term revenue potential of the Precinct.

Alongside Aurora, we are building real optionality through our battery materials and hydrogen programs, while continuing to progress our Heat-as-a-Service offering. Together, these activities position the Company to capture commercial opportunities over the short and medium term."

Operational Achievements

Aurora Energy Precinct – Battery Energy Storage System and Precinct Development

1414 Degrees continued to advance the Aurora Energy Precinct, with an immediate focus on achieving grid connection approval for the 140 MW, 2 hour Battery Energy Storage System (BESS) and planning for the Precinct to host a continuous energy supply hub.

Work during the period included ongoing engagement with network and market stakeholders, advancement of regulatory and connection processes, and continued planning to support staged development of the Precinct.

Regulatory and connection momentum

Both the Australian Energy Market Operator (AEMO) and transmission utility ElectraNet notified the Company of acceptance of the proposed Generator Performance Standards (GPS) for the Aurora BESS under the National Electricity Rules. The acceptance is valid for twelve months, subject to execution of a Transmission Connection Agreement.

The Company has also been advised that connection of the BESS does not result in an adverse system strength impact on other existing or committed generating systems. Independently, 1414 Degrees' network studies show that the BESS enhances transmission line stability, thereby benefiting all parties connected to and sharing the transmission infrastructure.

These outcomes represent a material de-risking event for the project and significantly advance Aurora toward connection to the National Electricity Market (NEM) and its revenue streams.

Data-centre and infrastructure interest emerging

During the quarter 1414 Degrees engaged with a diverse group of stakeholders to explore opportunities for energy-intensive infrastructure at the Aurora Precinct, including hyperscale data centre operators. They are attracted to key advantages of the Aurora Precinct - reliable power and water access, robust grid and data connection, ample land availability, and the benefits of co-locating energy generation and storage with major high-load users.

The Company views this interest as validation of its long-held strategy to develop Aurora as a flexible, multi-pathway Precinct, capable of supporting evolving demand from both the energy market and new digital and industrial sectors. The Precinct has approvals in place for the Company's long duration thermal energy storage technology, a 140MW BESS and 220MW of solar generation, providing the foundation for integration with backup generators to power a continuous energy supply hub.

Heat-as-a-Service – SiBox and SiBrick

1414 Degrees continued commercialisation of its Heat-as-a-Service portfolio, working with engineering consultancies undertaking feasibility assessments for industries looking to electrify their carbon intensive processes.

In-house work on SiBox and SiBrick technologies focused on reducing technology costs and enabling SiPHyR reactors to store low-cost electricity when available to power continuous hydrogen and carbon production. Development of SiBrick composite variants and encapsulation strategies demonstrated improved thermal cycling performance during the quarter.

These activities support the Company's strategy to enable industrial decarbonisation through the delivery of reliable, high-temperature heat and thermal storage solutions that can be integrated into existing industrial processes.

SiNTL Battery Materials Program – Commercialisation Activities Underway

Following the acquisition of the exclusive global licence, the SiNTL aluminium-coated silicon nanoparticle technology advanced into active development during the quarter.

The Company is targeting 600 mAh/g anode performance in the first 12 months of testing, exceeding current commercial benchmarks while maintaining compatibility with existing lithium-ion battery manufacturing processes to support fast commercialisation of the technology to meet the major growth occurring in the sector. The global silicon-anode battery market is forecast to grow from USD $536.5 million in 2025 to more than USD $20.8 billion by 2034[1].

SiNTL provides 1414 Degrees with exposure to the rapidly growing lithium-ion battery anode market, leveraging the Company's silicon expertise and supporting a disciplined pathway toward commercial adoption, including preparation for broader OEM engagement and next-stage testing.

Integration of SiNTL™ and SiPHyR® Technologies

During the quarter, 1414 Degrees commenced evaluation of a development pathway that integrates solid carbon produced from its SiPHyR methane pyrolysis reactors with its SiNTL silicon nanoparticle process.

The Company believes this integration could provide a streamlined pathway to higher-value carbon–silicon composite anode materials, converting a by-product of hydrogen production into a battery-grade material while reducing overall production complexity.

Work during the period focused on laboratory evaluation, process alignment and identification of future testing milestones.

Hydrogen Technology – SiPHyR

The Company's first pyrolysis reactors continued to produce hydrogen and carbon in test runs during the quarter. The team has used the results to design a larger SiPHyR reactor for continuous hydrogen and carbon production using heat energy stored in SiBrick. Construction of this reactor will commence in the current quarter. Carbon products were sent to George Washington University to evaluate suitability for anode production.

Leadership and Capability

In December 2025, the Company appointed Dr Peter Yaron as Chief Technology & Operations Officer.

Dr Yaron brings deep experience across advanced materials, scale-up, manufacturing and operational delivery. His appointment strengthens the Company's ability to execute across its expanding development portfolio, including battery materials, industrial heat systems and project delivery frameworks.

Stakeholder Engagement & Events

Throughout Q2 FY26, 1414 Degrees continued to actively engage with shareholders, industry participants and stakeholders, providing updates on the Company's strategy, projects and technology portfolio.

Key engagement activities during the quarter included:

- SIM-PAC Live NSW– Josh Zowtyj, SiBox Development Manager presented at the forum in Sydney on 17 November 2025
- Annual General Meeting held on 19 November 2025, where shareholders in attendance were provided with an update on the Company's progress and outlook
- Shareholder site visit and tour for interested AGM attendees, offering direct insight into the Company's facilities, technologies and development activities

Industry Recognition

During the quarter, 1414 Degrees was recognised at the 2025 SIM-PAC Sustainability Awards, receiving four awards, including Supreme Winner for outstanding contribution to sustainable industrial manufacturing.

The SIM-PAC Sustainability Awards recognise leadership in sustainability and circularity across the industrial manufacturing supply chain, with 65 finalists across 23 categories drawn from organisations operating across the Asia–Pacific region.

This recognition reflects the Company's continued focus on enabling practical, scalable solutions for industrial decarbonisation.

Corporate

On 19 November 2025, 1414 Degrees held its Annual General Meeting ("AGM") at which the Chairman's Address and Investor Presentation were delivered. All resolutions detailed in the Company's Notice of AGM were passed by poll (see ASX announcement dated 19 November 2025).

In January 2026, the Company provided an update regarding the administration of its joint venture partner associated with the Aurora Energy Precinct. The Company confirmed that operations of the joint venture entity continue as normal and advised that it has expressed interest in a potential acquisition of its partner's 50% interest, should the opportunity arise. Any such transaction would be subject to due diligence and relevant approvals by creditors.

In early Q2 FY26 1414 Degrees completed a share placement that raised $1.214m (before costs), announced alongside acquisition of the SiNTL licence (see ASX announcement dated 9 October 2025). The Company received firm commitments from existing shareholders and new sophisticated, professional and institutional investors to subscribe for fully paid ordinary shares at an issue price of $0.042 per share.

Investors in the placement also became entitled to one free attaching option for every one share subscribed for (1:1), exercisable at $0.05 per option and expiring two years from the issue date. The issue of these options was approved at the Company's FY25 Annual General Meeting held on 19 November 2025 and the Company has since issued a Prospectus for the offer and quotation of the options.

Subsequent to quarter end, the Company updated the market on its existing funding arrangements with US institutional investor Lind Global Fund II, LP, managed by New York-based firm The Lind Partners (see ASX announcement dated 27 January 2026). 44,000,000 new ordinary shares were issued to Lind under the existing subscription agreement.

As at 31 December 2025 (end-Q2 FY26), 1414 Degrees held $1.055m in cash, an increase of $887,000 from the previous quarter.

As required by ASX Listing Rule 4.7C3, the Company notes that $90,000 was paid to related parties during the quarter. These payments were Directors Fees.

AUTHORISED BY:
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ABOUT 1414 DEGREES LIMITED

1414 Degrees is a leader in industrial decarbonisation with its cutting-edge silicon-based solutions, enabling the alignment of energy supply with demand, fostering the widespread adoption of renewable energy. Our key technologies include:

- **SiBrick®:** thermal energy storage technology safely and efficiently stores renewable electricity as latent heat, available for use on demand.
- **SiBox®:** facilitates the transition to sustainable industrial processes, SiBox delivers consistent, high-temperature heat. It can be seamlessly retrofitted into heavy industry processes, offering a viable alternative to conventional energy sources.
- **SiPHyR®:** methane pyrolysis reactor with integrated storage. SiPHyR will produce low-emission hydrogen and solid carbon using renewable energy sources.
- **SiNTL™:** silicon nanotechnology that enhances conductivity and oxidation resistance in silicon anodes with the potential to deliver significant advances in lithium-ion battery performance.

1414 Degrees has showcased its capabilities through successful pilot projects that highlight the reliability and effectiveness of its solutions. SiBox has proven its ability to deliver high-temperature air or steam on demand from stored heat. The development of SiPHyR underscores our commitment to innovation and sustainability.

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.