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UKRAINE DEFENCE EXPORT REFORM EXPANDS COMMERCIAL SIGNIFICANCE OF SINTL™ PROGRAMME

KEY HIGHLIGHTS

- **The commercial significance of 1414 Degrees' SiNTL™ programme in Ukraine has increased following the approval of a new defence export framework allowing Ukrainian-manufactured defence technologies to be supplied to approved partner nations.**
- **The Company is currently progressing a SiNTL battery qualification testing and expert services agreement with Ukrainian drone manufacturer Energia 2000, announced on 11 June 2026.**
- **Energia 2000 has advised the Company that it currently manufactures approximately 72,000 drones annually and is targeting production of up to 360,000 units per year over the next two years.**
- **Subject to successful qualification testing and commercial agreements, Ukrainian UAV platforms incorporating SiNTL-based batteries may now have a pathway to supply allied defence markets under intergovernmental agreements.**
- **Ukraine produces over four million military drones annually and has rapidly scaled defence manufacturing capacity since 2022, representing one of the world's most active and demanding UAV operating environments.**
- **SiNTL has demonstrated at least 50% higher anode specific capacity compared with conventional graphite materials while remaining compatible with existing lithium-ion manufacturing processes, with potential to improve energy density in UAV applications.**

1414 Degrees Ltd (**ASX: 14D**) ("**1414 Degrees**" or the "**Company**") advises that the commercial significance of its SiNTL battery programme in Ukraine has increased following the Ukrainian Government's approval of a new defence export framework enabling approved domestically produced defence technologies to be exported to partner nations.

The reform follows the Company's announcement on 11 June 2026 that it had entered into a SiNTL Battery Qualification Testing and Expert Services Agreement with Ukrainian defence manufacturer Energia 2000.

The agreement provides for SiNTL-based battery technology to be evaluated across Energia 2000's unmanned aerial vehicle platforms, with performance assessed under operational conditions.

SiNTL is to be tested by Energia and if successful, the companies will negotiate commercial terms before deployment, however, the new export framework materially expands the potential commercial relevance of Ukrainian-manufactured platforms incorporating SiNTL technology.

Background

On 11 June 2026, 1414 Degrees announced that it had entered into a SiNTL Battery Qualification Testing and Expert Services Agreement with Ukrainian defence manufacturer Energia 2000.

Under the agreement, SiNTL-based battery technology is intended to be evaluated for use across Energia 2000's unmanned aerial vehicle platforms, with performance assessed under operational conditions.

Energia 2000 has advised the Company that it currently manufactures approximately 72,000 drones annually and is targeting production of up to 360,000 units per year.

Why the Export Changes Matter

Until now, commercial opportunities arising from successful validation of SiNTL technology within Ukraine were largely confined to domestic deployment.

The new export framework changes that dynamic by enabling approved Ukrainian defence manufacturers to supply platforms to a broader group of partner nations under intergovernmental agreements.

For 1414 Degrees, this means that successful technical validation may now translate into potential exposure beyond a single domestic market, extending to allied defence procurement channels depending on commercial arrangements and approvals.

Market Context

Ukraine now produces over four million military drones annually, reflecting a rapid expansion in defence manufacturing capacity since 2022.

This scale of production is occurring within one of the most operationally demanding UAV environments globally, where performance, resilience, and rapid iteration are critical design requirements.

On 1 July 2026, the Cabinet of Ministers of Ukraine approved a mechanism enabling the export of domestically produced defence technologies to partner nations under intergovernmental agreements. Under the framework, countries participating in Ukraine's "Drone Deal" initiative that hold bilateral or multilateral agreements with Ukraine may purchase Ukrainian-made platforms and technologies and engage directly with Ukrainian manufacturers.

The reform is significant for the SiNTL programme. Until now, Ukrainian-manufactured UAV platforms were largely restricted to domestic deployment in support of the Ukrainian Defence Forces, limiting the scale of demand for associated inputs. The new framework changes that dynamic in three key ways.

First, it establishes a legal export channel through which Ukrainian UAV manufacturers, including the Company's programme partners, may supply allied markets, creating potential downstream demand for validated inputs such as SiNTL.

Second, the framework enables the transfer of technology without requiring the alienation of intellectual property rights, aligning with 1414 Degrees' model of retaining ownership of SiNTL while monetising through supply, licensing and royalties.

Third, it reinforces the commercial rationale for validating SiNTL on platforms that now have a defined pathway to export markets, rather than domestic deployment alone.

The framework is designed for speed and scalability, with export applications processed within a defined 30-day timeframe. It is also intended to support Ukrainian manufacturers in attracting international investment and scaling production into partner markets.

For a validated SiNTL battery pack, this creates a pathway where an exportable input may be integrated into an exportable platform, across a market spanning allied Europe and other partner nations, subject to approvals and commercial agreements.

The Company notes that the framework operates under martial-law-period settings and prioritises the operational requirements of the Ukrainian Defence Forces. It remains subject to government discretion and periodic review of eligible product categories. 1414 Degrees holds no export allocation or entitlement, and any potential benefits are contingent on successful testing, execution of binding commercial agreements, and decisions by Ukrainian manufacturers and relevant authorities.

Pictured below and following page - various drones and UAVs being used by the Ukrainian Armed Forces.






Executive Chairman Comment

Dr Kevin Moriarty, Executive Chairman of 1414 Degrees, said:

“Ukraine's decision to open exports of approved defence technologies represents an important strategic development for our SiNTL programme.

"Only weeks after entering into our testing agreement with Energia 2000, the potential addressable market for successful deployment of SiNTL technology has expanded considerably.

"If our technology performs as expected during qualification testing, the new framework provides a pathway for Ukrainian-built platforms incorporating SiNTL technology to reach allied defence markets beyond Ukraine.

"While significant milestones remain before commercialisation, this reform materially enhances the strategic value of our Ukrainian programme and reinforces our belief that advanced silicon anode technology can play an important role in next-generation defence battery systems."

AUTHORISED BY:

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

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ABOUT 1414 DEGREES LIMITED

1414 Degrees (ASX:14D) is advancing an integrated clean-energy and industrial decarbonisation platform spanning grid-scale storage, industrial heat, hydrogen and advanced battery materials.

The Company's strategy combines near-term infrastructure revenue with scalable technology commercialisation, underpinned by deep expertise in energy-dense silicon systems and materials engineering. 1414 Degrees is developing the Aurora Energy Precinct in South Australia, a development-ready energy and industrial site spanning 16km² within the Upper Spencer Gulf Renewable Energy Zone. Aurora is designed for firmed renewable electricity and co-located high-demand users, with grid access, development approvals and proximity to fibre infrastructure supporting global connectivity. The site is strategically positioned to support data centre operators and other energy-intensive industries requiring reliable, low-emissions power at scale. The Stage 1 140 MW / 280 MWh Battery Energy Storage System (BESS) represents a near-term revenue opportunity, with expansion potential aligned to customer demand.

Core Platforms:

SiNTL™: A silicon-enhanced anode material designed to increase lithium-ion battery energy density while remaining compatible with existing manufacturing processes.

SiBrick®: Silicon-based thermal energy storage media forming the foundation of the Company's long-duration energy storage systems.

SiBox® (Industrial Heat-as-a-Service): Long duration energy storage technology that converts low-cost renewable electricity into dispatchable high-temperature heat, supporting industrial decarbonisation across energy-intensive sectors.

SiPHyR®: A silicon-based methane pyrolysis reactor integrating thermal storage to produce low-emissions hydrogen and solid carbon using renewable energy sources.

1414 Degrees' technologies are unified by a single materials platform — leveraging silicon to store, convert and enhance energy across multiple sectors.

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.