

ASX Announcement

22 April 2026

Stealth Drone Technology Licence Secured

Highlights

- **Exclusive, worldwide commercialization rights secured for graphene-based radar absorption technology**
- **Binding Licence and Research Agreement executed with Ramot (Tel Aviv University)**
- **Demonstrated ~20dB radar absorption (~100x reduction), targeting ~30dB (~1,000x reduction)**
- **Positions Adisyn in emerging stealth materials market across UAV, Loitering Munitions, and other usages along the defence sectors**

Adisyn Ltd (ASX: AI1) ("Adisyn" or "the Company") is pleased to announce that 2D Generation's subsidiary, 2D Radar Absorbers Ltd, has entered into a binding Licence and Research Agreement with Ramot, the technology transfer company of Tel Aviv University ("TAU").

The agreement grants Adisyn exclusive, worldwide rights to commercialise graphene-based radar signature reduction technology, marking a transition from research to a structured commercial development phase.

This agreement comes at a time of increasing global focus on radar signature management, driven by the rapid expansion of UAV deployment, Loitering Munitions, and the growing sophistication of detection systems across defence and aerospace sectors.

Importantly, this replaces the previously announced option arrangement and establishes:

- Long-term access to a current intellectual property, and its future development
- Defined economic terms
- A clear pathway to commercialisation

Under the agreement Adisyn holds exclusive commercial rights across the defined field for Ramot's IP.

Tel Aviv University is globally recognised for its leadership in advanced materials and applied physics, with Ramot responsible for commercialising numerous breakthrough technologies, providing Adisyn with access to world-class research capability and commercialisation expertise.

Technology Overview and Commercial Relevance

The technology integrates graphene and other 2D materials into composite materials to reduce radar detectability by absorbing and dissipating electromagnetic signals.

Laboratory testing has demonstrated approximately 20dB reduction in radar reflection (~100x reduction in radar return), with ongoing development targeting ~30dB (~1,000x reduction)¹. At these levels, radar visibility can be materially reduced, particularly for UAV platforms, potentially reducing detection range and response time in operational environments.

Unlike traditional materials, graphene-enhanced composites combine structural performance with inherent radar absorption, removing the need for additional coatings and enabling lightweight, stealth-enabled designs. This represents a potential step-change compared to existing solutions, which typically require trade-offs between weight, strength and radar performance.

To date, testing has been conducted under controlled laboratory conditions, with current and future work focused on validating performance across relevant radar frequencies and real-world environments.

Structured Development Program

The agreement includes a 12-month AI1 funded research program with Tel Aviv University, led by Professor Pavel Ginzburg (radar physics).

<u>Activity</u>	<u>Duration (in months)</u>
Research – Electromagnetic testing of "building blocks" to find the optimal combinations. Preparation and implementation of the intellectual property protection plan, including filing patents.	2
Development - Building prototypes to prove the technology, to be selected together with potential customers, for components such as propellers, drone body parts, etc. The goal is to find the optimal combinations, including parameters such as weight, cost, and mechanical properties.	4
Integration - Integrating the components we manufacture into existing drones, and testing their suitability, performance, and impact on other systems.	6

The program will focus on improving radar absorption performance, manufacturability and scalability, supporting progression towards commercial deployment and real-world validation. The Company expects the cost of the 12-month research program to be less than AU\$100k.

¹ Refer ASX announcement dated 26 February 2026

Commercial Model and Strategic Positioning

Subject to the results of the program, Adisyn intends to commercialise the technology in the future through:

- Establishing a production capacity, jointly with a large industrial manufacturer, which will be able to provide components that incorporate the technology developed by the company to UAV manufacturers.
- Strategic partnerships with UAV manufacturers and defence primes
- Integrating the company's technologies into international transactions carried out by the Israeli Ministry of Defence.

Target customers include UAV manufacturers, defence contractors and advanced materials suppliers seeking to integrate radar-absorbing capabilities into next-generation platforms.

The agreement establishes a clear economic framework:

- 4% royalty on net sales
- Ramot also receives an 19% equity interest in 2D Radar Absorbers Ltd, aligning both parties to long-term commercial success.

The model provides exposure to scalable, high-margin revenue streams, leveraging third-party manufacturing and distribution without the need for capital-intensive production infrastructure.

The global market for radar-absorbing and stealth materials is expanding rapidly, driven by increasing UAV deployment, Loitering Munitions, and defence modernisation programs, representing a multi-billion dollar opportunity across aerospace and defence applications.

The radar initiative complements Adisyn's core semiconductor graphene program and highlights the broader commercial potential of its graphene technology platform.

Commenting on the agreement, Adisyn Managing Director Arye Kohavi said:

"This agreement represents a critical step in transitioning our radar technology from research into commercial development.

We have already demonstrated strong proof-of-concept results, and now, with exclusive global rights and a structured program in place, we are focused on advancing this technology towards real-world applications.

We believe this has the potential to become a meaningful value driver alongside our core semiconductor program."

Next Steps

- Commencement of TAU research program
- Teaming with a large industrial manufacturer
- Establishing an advisory board, with expertise in radars and drones
- Further technical validation and real-world testing
- Engagement with defence and aerospace partners
- Progression of commercial and partnership discussions

Initial commercial engagement is expected to progress alongside the current development program, with early-stage licensing opportunities anticipated as key technical milestones are achieved.

This announcement has been approved for release by the Board of Adisyn Ltd.

-ENDS-

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About Adisyn

Adisyn Ltd (ASX: AI1) is an Australian technology company developing advanced graphene materials for high-value applications in the semiconductor and advanced materials sectors.

The Company's core focus is the development of a patented low-temperature Atomic Layer Deposition (ALD) process designed to enable direct graphene growth on semiconductor wafers. This technology aims to address the performance limitations of copper interconnects and support faster, more energy-efficient next-generation semiconductor devices.

Adisyn is also exploring additional commercial applications of its graphene expertise, including advanced composite materials designed to reduce radar signatures in UAV and defence platforms.

Adisyn's broader business includes Adisyn Services, which provides managed IT services, cloud, cybersecurity and artificial intelligence solutions to Australian small and medium-sized enterprises.

Forward-looking statements:

Statements contained in this release, particularly those regarding possible or assumed future performance, revenue, costs, dividends, production levels or rates, prices, or potential growth of



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