

ASX Announcement

23 April 2026

Adisyn Receives Firm Commitments for A\$14 Million Placement Led by Regal Funds Management and Meitav - Israel's Largest Investment House

Capital raise follows two breakthrough milestones across Adisyn's semiconductor graphene and stealth drone technology programs

Highlights

- Firm commitments received to raise A\$14 million at A\$0.0675 per share, with settlement expected 29 April 2026
- Placement cornerstoned by Regal Funds Management, one of Australia's leading institutional fund managers with over A\$20 billion under management and Meitav - Israel's largest investment house with ~A\$190 billion in assets under management
- Chairman Kevin Crofton and Non-Executive Director Dominic O'Hanlon to subscribe for a total of \$200,000 (subject to shareholder approval)
- Follows breakthrough demonstration of graphene formed at low temperature using an industrial ALD system - a critical step toward semiconductor interconnect commercialisation
- Exclusive worldwide licence for graphene-based radar absorption technology secured from Tel Aviv University, positioning Adisyn in the fast-growing stealth materials market for drones and defence
- Proceeds to fund graphene technology advancement, business development and working capital

Adisyn Ltd (ASX: AI1) ("Adisyn" or "the Company") is pleased to announce it has received firm commitments to raise A\$14 million (before costs) through an institutional placement ("the Placement").

The Placement is priced at A\$0.0675 per share and will result in the issue of approximately 207.4 million new fully paid ordinary shares (New Shares). The issue price of A\$0.0675 represents a:

- a 10% discount to the Company's last closing price of A\$0.07 on Tuesday, 21 April 2026
- a 5.78% discount to the Company's 15-day VWAP

The New Shares under the Placement will be issued under the Company's existing placement capacity under Listing Rules 7.1 and 7.1a. Shareholder approval will be sought for Directors Participation in the placement as soon as practical.

New shares are expected to be allotted on 30 April 2026. The Placement was led by Sandton Capital Advisory. The New Shares will rank equally with existing fully paid ordinary shares on issue.

The Placement was cornerstoned by Regal Funds Management, one of Australia's most active institutional investors managing over A\$20 billion, and Meitav, Israel's largest investment house managing approximately A\$190 billion in assets on behalf of over one million clients. Both are sophisticated investors with deep expertise in technology and defence sectors - their participation provides meaningful validation of Adisyn's graphene technology platform and commercial direction.

Chairman Kevin Crofton and Non-Executive Director Dominic O'Hanlon to subscribe for a total of \$200,000, subject to shareholder approval.

Two Breakthrough Milestones

1. Graphene Semiconductor Breakthrough

On 20 April 2026, Adisyn announced a breakthrough demonstration of graphene formed at semiconductor-compatible temperatures using an industrial Atomic Layer Deposition (ALD) system - a result the semiconductor industry has long sought but been unable to achieve.

Through its wholly-owned subsidiary 2D Generation, the Company successfully deposited a continuous graphene layer on a 1cm² coupon at temperatures well below the industry's thermal ceiling of approximately 450°C. This result simultaneously achieves three criteria the semiconductor industry has been unable to combine: use of an industrial ALD system, operation within semiconductor-compatible temperatures, and continuous graphene layer formation.

Copper interconnects - the wiring that connects billions of transistors in advanced chips - have become one of the most significant bottlenecks constraining semiconductor performance, energy efficiency and further scaling. Graphene has long been identified as a potential solution, but integrating it within existing fabrication environments has remained elusive.

This result positions Adisyn to enter the industry collaboration and commercial engagement phase, targeting global semiconductor leaders, as the Company progresses toward film optimisation, repeatability testing and scale-up to wafer-level formats.

Adisyn Chairman Kevin Crofton said: *"The interconnect is now one of the key constraints in semiconductor performance. If you can solve that, you're solving a problem the entire industry is focused on."*

2. Stealth Drone Technology Licence Secured

On 22 April 2026, Adisyn announced that its subsidiary 2D Radar Absorbers Ltd has executed a binding Licence and Research Agreement with Ramot, the technology transfer company of Tel Aviv University (TAU), securing exclusive worldwide rights to commercialise graphene-based radar absorption technology.

Laboratory testing has demonstrated approximately 20dB radar absorption - equivalent to a 100-fold reduction in radar return signal - with ongoing optimisation targeting approximately 30dB reduction,

which would equate to a 1,000-fold decrease. At that level of reduction, a standard 1m² drone radar signature becomes equivalent in detectability to a butterfly.

Unlike conventional radar-absorbing materials, graphene-enhanced composites combine structural strength with inherent stealth properties, removing the need for additional coatings and enabling lightweight, high-performance UAV designs. The agreement includes a structured 12-month AI1-funded research program, with costs expected to be less than A\$100,000.

The global military drone market is forecast to grow from US\$20.7 billion in 2026 to US\$66.5 billion by 2035. The stealth materials opportunity extends beyond UAVs to loitering munitions and other defence platforms where radar signature management is increasingly mission-critical.

Adisyn Managing Director Arye Kohavi said: *“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.”*

Two High-Value Market Opportunities

Together, these milestones position Adisyn as an emerging graphene technology platform with leverage to two large and structurally growing markets:

Semiconductors: The global semiconductor market is forecast to reach approximately US\$1 trillion by 2030. Advanced interconnect solutions are increasingly critical as the industry pushes below 2nm design nodes and AI-driven demand for high-performance chips accelerates.

Defence and Autonomous Systems: The proliferation of drones, loitering munitions and unmanned platforms across modern defence is driving accelerating demand for lightweight radar-absorbing materials. Adisyn’s graphene composites address this challenge in a way that conventional materials cannot.

Use of Proceeds

Proceeds from the Placement will be applied to the advancement of graphene technology programs, business development initiatives, working capital and the costs of the offer. Sandton Capital Advisory will receive a management fee of 6% of gross proceeds raised.

The proposed key dates for the placement are as follows:

Indicative Timetable	
Placement announced and Company resumes trading on ASX	Thursday, 23 April 2026
Settlement New Shares via DVP	Wednesday, 29 April 2026
Allotment of New Shares	Thursday, 30 April 2026
Adisyn Ltd GM for Approval of Directors Participation	~June 2026

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

-ENDS-

Further Information

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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, targeting the performance limitations of copper interconnects in next-generation chip designs.

Adisyn is also advancing graphene-based composite materials designed to reduce radar signatures in UAV and defence platforms, with exclusive worldwide commercialisation rights secured from Tel Aviv University.

Adisyn's broader business includes Adisyn Services, which provides managed IT services, cloud, cybersecurity and AI 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 Adisyn Ltd are, or may be, forward-looking statements. Such statements relate to future events and expectations and as such, involve known and unknown risks and uncertainties. These forward-looking statements are not guarantees or predictions of future performance and involve known and unknown risks, uncertainties, and other factors, many of which are beyond the Company's control, and which may cause actual results to differ materially from those expressed in the statements contained in this release.

The Company cautions shareholders and prospective shareholders not to put undue reliance on forward-looking statements, which reflect the Company's expectations only as of the date of this announcement. The Company disclaims any obligation to update or revise any forward-looking information, whether as a result of new information, future events or otherwise, except as required by law.