

31 July 2025

**DOTZ Q2 FY2025 ACTIVITY REPORT***Partners with CarbonCapture Inc. to Advance Dotz's High-Performance DAC Sorbent Material**Secures A\$1.2 Million to Fund DotzEarth Development***Key highlights of second quarter and recent weeks:**

- Signed a Memorandum of Understanding (MOU) with direct air capture (DAC) leader, CarbonCapture Inc. (CCI) to expand the evaluation of Dotz's high-performance DAC sorbent material;
- Raised US\$0.7 (AU\$1.1) million via a private placement from existing and new qualified and high-net-worth investors to support the development of DotzEarth;

31 July 2025 - Dotz Nano Limited (ASX: DTZ, OTC: DTZZF/DTZNY, "Dotz" or "Company"), a leading developer of innovative climate and industrial nanotechnologies, provides its Activity Report for the quarter ended 30 June 2025, along with the Appendix 4C cash flow report.

Commenting on activities in the second quarter and recent weeks, Dotz CEO Sharon Malka said: "There is growing momentum across our business as accumulated data continues to validate the superior performance of our sorbents compared to existing materials.

"Our collaboration with CarbonCapture Inc., a leading direct air capture company, further reinforces the strength of our technology and its competitive positioning in the DAC materials space.

"According to the International Energy Agency, solid sorbents are projected to dominate the DAC market in the coming years, with the sector expected to grow to \$1.5 billion by 2027. This represents a significant opportunity for our proprietary, ultra-efficient sorbent.

"Looking ahead, we remain focused on forging strategic alliances and partnerships with industry leaders to scale and demonstrate the real-world viability of our DAC and industrial decarbonization technologies, as we deliver impactful solutions for a Net Zero future."

**CORPORATE & OPERATIONAL**

Committed to a sustainable future, the Company focuses on advancing carbon management technologies that facilitate the transition to a carbon-neutral world.

**Partnering with CCI to Advance Dotz's High-Performance DAC Sorbent Material**

In early July, the Company announced that it signed an MOU with CarbonCapture Inc. to expand the evaluation of Dotz's high-performance DAC sorbent material. *Refer ASX announcement dated 3 July 2025 for further details.*

Our collaboration follows preliminary gram-scale testing of Dotz's proprietary DAC sorbent, recently completed by CCI, which demonstrated high-potential performance characteristics. Under the MOU, the engagement will now advance to proof-of-concept evaluation at the kilogram scale, using a structured form of the sorbent material.

### Capital Raise and Funding Update

As announced on 11 April 2025, the Company entered into a standby subscription agreement ("**Subscription Agreement**") with TRITON FUNDS LP ("**TRITON**"), under which the Company has the right (but not the obligation), in its discretion, to sell to TRITON ordinary shares valued at up to A\$4 million, at any time until 31 December 2025. The Company, in line with the signed Subscription Agreement, issued a drawdown notice to TRITON, and TRITON has raised questions regarding certain aspects of the timing of the issue of shares and receipt of funds under the Subscription Agreement. The Company's representatives have sought to engage in discussions with TRITON to resolve the matters and have not been responded to. The Company has not yet received any funds from TRITON and the funds remain outstanding. In view of this, Dotz is considering its legal position and next steps under this Subscription Agreement.

In May 2025, the Company raised AU\$1.2 million (US\$0.7 million) via a private placement offering to new qualified and high-net-worth investors ("**Placement**"). The funds from the Placement provide the Company time to resolve certain aspects of timing of the issue of shares and receipt of funds under the Subscription Agreement with TRITON. *Refer ASX announcement dated 20 May 2025 for further details.*

Under the Placement, the Company issued of 19,166,166 new fully paid ordinary shares ("**New Shares**") in the Company at A\$0.06 (6 cents) per New Share ("**Issue Price**") and one free attaching option for every two shares subscribed for and issued, each exercisable at A\$0.10 (10 cents) expiring three years from the date of issue.

The Company continuously evaluates its capital needs, to ensure that it has the appropriate financial pathway to fund its operations

### Business Continuity

Dotz confirms that it has a business continuity plan and procedures in place, ensuring operational and financial continuity. As a result, Dotz's operations and development activities are not impacted by the current situation in Israel.

### FINANCIALS (all figures in US\$)

As at 30 June 2025, Dotz had \$0.4 million in cash and cash equivalents, compared with \$0.8 million as at 31 December 2024.

The Company remained on budget, utilising \$0.4 million in the second quarter of FY25 for its operational activities, offset by \$0.7 million in proceeds from the recent Private Placement.

Payments to related parties during the second quarter of 2025 were \$0.1 million, including executive remuneration and fees paid to non-executive Directors.

### 2025 OBJECTIVES & OUTLOOK

Committed to a sustainable future, Dotz will continue to pursue key milestones that represent significant growth opportunities for both its **DotzShield** and **DotzEarth** technologies through ongoing



activities, focusing on advancing carbon management solutions that facilitate the transition to a carbon-neutral world.

With a solid foundation in place, 2025 promises to be a year of accelerated innovation, collaboration, and impact. Dotz's priority will be to advance the technology readiness of **DotzEarth** through pilot demonstrations and scale-up manufacturing capabilities of its sorbents, while further commercializing its tagging solution, **DotzShield**.

Dotz's objectives for 2025 include:

- Scaling its sorbent production capacity;
- Advancing its DAC sorbent through a lab-scale pilot followed by a small-scale outdoor pilot;
- Validating its point source sorbent for additional applications through lab-scale piloting; and
- Partnering with third parties.

This announcement has been authorised for release by the Board of Directors of Dotz Nano.

For further information, please contact:

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### About Dotz Nano Limited

Dotz Nano Limited (ASX: DTZ, OTC: DTZZF/DTZNY) is a pioneering developer of innovative climate and industrial nanotechnologies dedicated to addressing pressing global environmental and industrial challenges.

Our focus lies in advancing carbon management technologies offering an efficient and sustainable approach, thereby supporting the shift towards a carbon-neutral future. At the heart of Dotz Nano's mission are groundbreaking carbon management solutions, which include direct air capture and point source capture. Our unique strategy integrates novel porous sorbents with advanced process designs, enabling low-cost carbon capture and removal applications.

With a commitment to innovation and sustainability, Dotz Nano Limited is at the forefront of carbon management technologies, offering innovative and cost-effective solutions that play a crucial role in addressing climate change and promoting a sustainable future.

To learn more about Dotz, please visit the website via the following link [www.dotz.tech](http://www.dotz.tech)

### Future Performance and Forward-Looking Statements

This announcement contains certain statements that constitute forward-looking statements that may be identified by the use of terminology such as "may," "will," "expects," "plans," "anticipates," "estimates," "potential" or "continue" or the negative thereof or other comparable terminology. Examples of such statements include, but are not limited to, statements regarding the design, scope, initiation, conduct and results of our research and development programs; our plans and objectives for future operations; and the potential benefits of our products and research technologies. These



statements involve a number of risks and uncertainties that could cause actual results and the timing of events to differ materially from those anticipated by these forward-looking statements. These risks and uncertainties include a variety of factors, some of which are beyond our control. Forward looking statements, opinions and estimates provided in this announcement are based on assumptions and contingencies which are subject to change without notice, as are statements about market and industry trends, which are based on interpretations of current market conditions. Forward looking statements including projections, guidance on future earnings and estimates are provided as a general guide only and should not be relied upon as an indication or guarantee of future performance.

## Appendix 4C

### Quarterly cash flow report for entities subject to Listing Rule 4.7B

Name of entity

**DOTZ NANO LIMITED**

ABN

**71 125 264 575**

Quarter ended ("current quarter")

**30 JUNE 2025**

Consolidated statement of cash flows		Current quarter \$US'000	Year to date (6 months) \$US'000
<b>1.</b>	<b>Cash flows from operating activities</b>		
1.1	Receipts from customers	227	227
1.2	Payments for		
	(a) research and development	(175)	(429)
	(b) product manufacturing and operating costs	(3)	(3)
	(c) advertising and marketing	(59)	(109)
	(d) leased assets	-	-
	(e) staff costs	(236)	(570)
	(f) administration and corporate costs	(200)	(491)
1.3	Dividends received (see note 3)	-	-
1.4	Interest received	-	1
1.5	Interest and other costs of finance paid	(16)	(19)
1.6	Income taxes paid	-	-
1.7	Government grants and tax incentives	-	-
1.8	Other – Input VAT and other	37	49
	Other – Transaction costs/ commitment fee	-	-
<b>1.9</b>	<b>Net cash from / (used in) operating activities</b>	<b>(425)</b>	<b>(1,344)</b>
<b>2.</b>	<b>Cash flows from investing activities</b>		
2.1	Payments to acquire or for:		
	(a) entities	-	-
	(b) businesses	-	-
	(c) property, plant and equipment	(37)	(39)
	(d) investments	-	-
	(e) intellectual property	-	-
	(f) other non-current assets	-	-

Consolidated statement of cash flows		Current quarter \$US'000	Year to date (6 months) \$US'000
2.2	Proceeds from disposal of:		
	(a) entities	-	-
	(b) businesses	-	-
	(c) property, plant and equipment	-	-
	(d) investments	-	-
	(e) intellectual property	-	-
	(f) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other (provide details if material)	-	-
<b>2.6</b>	<b>Net cash from / (used in) investing activities</b>	<b>(37)</b>	<b>(39)</b>

<b>3.</b>	<b>Cash flows from financing activities</b>		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	747	815
3.2	Proceeds from issue of convertible notes	-	311
3.3	Proceeds from exercise of options	-	-
3.4	Transaction costs related to issues of equity securities or convertible debt securities	(77)	(89)
3.5	Proceeds from borrowings	-	-
3.6	Repayment of borrowings	-	-
3.7	Transaction costs related to loans and borrowings	-	-
3.8	Dividends paid	-	-
3.9	Other (principal element of lease payments)	(29)	(96)
	Other (proceeds from unissued shares)	-	-
<b>3.10</b>	<b>Net cash from / (used in) financing activities</b>	<b>641</b>	<b>941</b>

<b>4.</b>	<b>Net increase / (decrease) in cash and cash equivalents for the period</b>		
4.1	Cash and cash equivalents at beginning of period	182	800
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(425)	(1,344)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(37)	(39)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	641	941

Consolidated statement of cash flows		Current quarter \$US'000	Year to date (6 months) \$US'000
4.5	Effect of movement in exchange rates on cash held	4	7
4.6	<b>Cash and cash equivalents at end of period</b>	<b>365</b>	<b>365</b>

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$US'000	Previous quarter \$US'000
5.1	Bank balances	365	182
5.2	Call deposits		
5.3	Bank overdrafts		
5.4	Other (provide details)		
5.5	<b>Cash and cash equivalents at end of quarter (should equal item 4.6 above)</b>	<b>365</b>	<b>182</b>

6.	Payments to related parties of the entity and their associates	Current quarter \$US'000
6.1	Aggregate amount of payments to related parties and their associates included in item 1	137
6.2	Aggregate amount of payments to related parties and their associates included in item 2	-
Payments for CEO salary, non-executive director fees and entities related to directors.		

7.	Financing facilities <i>Note: the term "facility" includes all forms of financing arrangements available to the entity. Add notes as necessary for an understanding of the sources of finance available to the entity.</i>	Total facility amount at quarter end \$US'000	Amount drawn at quarter end \$US'000
7.1	Loan facilities	-	-
7.2	Credit standby arrangements	-	-
7.3	Other *	3,910	3,910
7.4	<b>Total financing facilities</b>	<b>3,910</b>	<b>3,910</b>
7.5	<b>Unused financing facilities available at quarter end</b>		
7.6	Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.		

**\* Convertible Securities Agreement**

On 5 of February the Company entered into a Convertible Securities Agreement with Mercer Streed Global Opportunity Fund LLC (**Mercer**), a US-based investment fund managed by Mercer Street Capital Partners, LLC, to raise up to AU\$12 million via the issue of convertible notes. Under the Convertible Securities Agreement the Company will issue to Mercer (or its nominees) up to 13,200,000 convertible notes with a face value of AU\$1 (Convertible Notes).

The Company issued 7,700,000 convertible notes in consideration for AU\$7 million invested to date. Further Convertible Notes to raise a maximum of AU\$5 million, are available subject to satisfaction of customary conditions. As at 30 June 2025, the Company has converted AU\$1,031,693 into 14,361,401 ordinary shares.

The summary of key terms of the Agreement are detailed in an ASX Announcement dated 5 February 2024 and, in respect of the variation, in an ASX Announcement dated 27 November 2024, and in the Company's 2024 annual report.

8.	Estimated cash available for future operating activities	\$US'000
8.1	Net cash from / (used in) operating activities (item 1.9)	(425)
8.2	Cash and cash equivalents at quarter end (item 4.6)	365
8.3	Unused finance facilities available at quarter end (item 7.5)	-
8.4	Total available funding (item 8.2 + item 8.3)	365
8.5	<b>Estimated quarters of funding available (item 8.4 divided by item 8.1)</b>	0.86
<i>Note: if the entity has reported positive net operating cash flows in item 1.9, answer item 8.5 as "N/A". Otherwise, a figure for the estimated quarters of funding available must be included in item 8.5.</i>		
8.6	If item 8.5 is less than 2 quarters, please provide answers to the following questions:	
8.6.1	Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?	
	<p>Answer:</p> <p>The entity expects that it will continue to have the current level of net operating cash flows.</p>	
8.6.2	Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?	
	<p>Answer:</p> <p>In December 2024, the Company raised AU\$1.5 million under the Convertible Securities Agreement with Mercer, with additional AU\$500k raised on 9 January 2025.</p> <p>As announced on April 11, 2025, the Company entered into a standby subscription agreement with TRITON FUNDS, the largest student-led fund in the United States, to invest up to AU\$4.0 million through a multi-tranche subscription of shares. The Company issued a drawdown notice to TRITON, and TRITON has raised questions regarding certain aspects of the timing of the issue of shares and receipt of funds under the Subscription Agreement. The Company has not yet received any funds from TRITON and the funds remain outstanding.</p> <p>In May2025, the Company raised AU\$1.2 million (US\$0.75 million) via securities placement to new qualified and high-net-worth investors.</p> <p>The Company is in discussions with multiple investors and brokers and evaluating alternatives to fund its capital requirements, including the potential to raise up to an additional AU\$5 million under the Convertible Securities Agreement with Mercer, subject to agreement between the Company and Mercer as well as satisfaction of customary conditions.</p> <p>The Company continuously evaluates its capital needs and financial alternatives to fund its capital requirements to ensure that it has the appropriate financial pathway to fund its operation and believes that any such raise will be successful.</p>	



8.6.3 Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?

Answer:

As detailed in the response to question 8.6.2, based on the entity's expectation to successfully raise additional funds, the Company believes that it will have access to sufficient cash to continue to meet the Company's working capital requirements as at the date of this report and to finance the operations of the Company.

*Note: where item 8.5 is less than 2 quarters, all of questions 8.6.1, 8.6.2 and 8.6.3 above must be answered.*

## Compliance statement

- 1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- 2 This statement gives a true and fair view of the matters disclosed.

Date: **31 July 2025**

Authorised by: **Board of Directors**

(Name of body or officer authorising release – see note 4)

## Notes

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.
2. If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, *AASB 107: Statement of Cash Flows* apply to this report. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standard applies to this report.
3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.
4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [name of board committee – eg Audit and Risk Committee]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".
5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.