

20 August 2024

## DOTZ INTERIM REPORT - 30 JUNE 2024

*Achieved Technology Demonstration Milestone  
Secured Funding to Accelerate Development Plans for DotzEarth*

Dotz Nano Limited (ASX: DTZ, “Dotz” or “Company”), a leading developer of innovative climate and industrial nanotechnologies, provides its Interim Report for the six months ended 30 June 2024, along with the Appendix 4D half-year report, in accordance with ASX Listing Rule 4.2A.

### Key highlights of first half 2024 and recent weeks:

- Completed the construction of a bench-scale unit, demonstrating the effectiveness of DotzEarth technology;
- DotzEarth’s first sorbent demonstrated enhanced performance compared with existing commercial sorbents with the potential to significantly drive down the cost of CO<sub>2</sub> capture;
- Completed production scale-up of its proprietary synthesis method for converting plastic waste into a porous carbon sorbent specifically designed for CO<sub>2</sub> capture;
- Appointed Head of Engineering, strengthening in-house capabilities towards technology demonstration at scale;
- Entered into a funding agreement with the US-based investment fund Mercer Street Global Opportunity Fund LLC to raise up to AU\$12 (US\$7.9) million, of which AU\$5 (US\$3.3) million drawn to date;
- Cash balance as at 30 June 2024 was US\$0.3 million; net loss for the half year of US\$2.8 million and operating loss of US\$2.2 million; and
- Post the reporting period, raised US\$1.5 (AU\$2.3) million via private placement to support the development of DotzEarth.

**Dotz CEO, Sharon Malka** said: “We are pleased with the progress we made in the first half of 2024, highlighted by the completion of a bench-scale unit in line with our development plan, the superior performance of our first sorbent compared with existing commercial sorbents, and securing funding to support the DotzEarth development plan.

“The funding secured during the half and in recent weeks is a testament to the growth potential of our unique DotzEarth technology. We continue to evaluate the capital needs of the Company to ensure that Dotz has the appropriate financial pathway to continue achieving our roadmap milestones towards the commercialisation of the DotzEarth technology.

“The sorbent’s superior performance demonstrated so far makes us confident that DotzEarth will be able to deliver a significant reduction in the cost of carbon capture for the benefit of multiple hard-to-abate industries and we are committed to leveraging the positive momentum of the first half as we work to advance the development of DotzEarth.

“I look forward to meeting with investors and potential partners in the third quarter of the year to share updates on our progress.”



## OUTLOOK

Dotz will continue its pursuit of achieving key milestones which represent significant growth opportunity for both its **DotzShield** and **DotzEarth** technologies through ongoing activities.

Dotz's primary focus in the coming year is to achieve significant advancement of **DotzEarth** technology readiness maturity via demonstration at scale and ongoing optimisation of its sorbents. Following the completion of validation and simulation testing of Dotz's nano-porous carbon sorbent by SINTEF, which demonstrated superior results compared with commercial sorbents, the Company is moving forward with its strategic plan to scale the technology by establishing a small-scale pilot unit. This small-scale pilot unit will provide the necessary experience that will allow Dotz to move forward with an industrial-scale pilot in collaboration with an industrial partner.

Dotz will continue discussions with leading companies in hard-to-abate industries to pursue joint development and demonstration projects.

*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) is a nanotechnology company developing innovative climate and industrial nano-technologies.

The Company's primary focus is centered around ground-breaking carbon dioxide (CO<sub>2</sub>) management technologies leading towards carbon-neutral future. The company's proprietary carbon-based solid sorbent, offering an efficient and sustainable approach, facilitating industrial deep decarbonization.

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.