

FY24 Full Year Results

Secures first commercial order for DotzShield in the U.S.

*Piloting DotzEarth toward commercial viability for both point source emissions
and Direct Air Capture*

28 February 2025 - Dotz Nano Limited (ASX: DTZ, OTCQB: DTZZF, DTZNY) (“**Dotz**” or “**Company**”), a pioneering developer of innovative climate and industrial nanotechnologies, today announced its financial results for the 12 months ended 31 December 2024 (“**FY24**”).

FY24 Financial Year Highlights

Operational

- Received the first commercial order for the Company’s proprietary in-product tagging solution, DotzShield, from a leading provider of energy solutions to the Oil & Gas industries worldwide;
- Completed the construction of a bench-scale unit, demonstrating the effectiveness of DotzEarth technology;
- Successfully completed a lab-scale pilot demonstration of DotzEarth CO₂ capture technology for point source application, demonstrating the sorbents’ high adsorption capacity, selectivity and robustness;
- Dotz’s newly developed modified sorbent demonstrates high adsorption capacity and low energy usage for Direct Air Capture (DAC);
- Process modeling of DAC application conducted by SINTEF¹ resulted with higher productivity of CO₂ adsorption and low energy usage compared with a commercial PEI sorbent;
- Completed a 1000x scale-up of sorbent production processes;
- Appointed a Head of Engineering, strengthening in-house capabilities towards technology demonstration at scale;
- Signed a strategic collaboration agreement with Bar-Ilan University to pilot an innovative electrochemical DAC technology;

Financial

- Expanded shareholder reach in the United States by commencing trading on the OTCQB Market and launching an American Depositary Receipts program;
- 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\$7 (US\$4.3) million has been drawn to date;
- Raised US\$1.5 (AU\$2.2) million via private placement from existing and new sophisticated investors to support the development of DotzEarth;
- Cash balance as at 31 December 2024 of US\$0.8 million; net loss for the full year of US\$5.8 million and operating loss of US\$4.7 million;

¹ SINTEF, one of Europe’s largest independent research organizations for energy and climate technology



Dotz CEO Sharon Malka said: “Dotz achieved several key milestones in 2024 that position us for significant growth and innovation in the carbon capture and energy solution sectors.

“We have executed well on our strategic priorities, highlighted by the first commercial sale of DotzShield and the significant progress we made with our carbon management solutions, integrating our innovative game changing sorbents in lab-scale pilots for both direct air capture and point source capture.

“Following a year of substantial progress in 2024, we have stepped into 2025 with great enthusiasm and positive momentum. This year, our focus remains resolute on advancing the development of DotzEarth and we are confident that the strategy we have in place will deliver long-term benefits for our shareholders.”

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 ongoing optimisation of its sorbents, while further commercializing its tagging solution, **DotzShield**.

Dotz’s objectives for 2025 include:

- Advancing its DAC sorbent through a lab-scale pilot followed by a small-scale outdoor pilot;
- Validating its point source sorbent for different applications through lab-scale piloting;
- Scaling-up its sorbent production capacity; and
- Establishing new strategic partnerships.

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

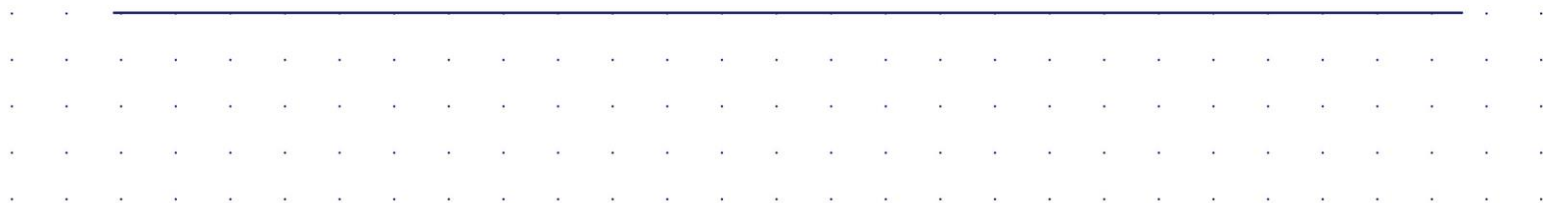
For further information, please contact:

Investor & Media Enquiries

John Hurst
E: info@dotz.tech
P: +61 (0)418 798 663

US IR

Robert Meyers
E: bob@fnkir.com
P: +1-646-878-9204





About Dotz Nano Limited

Dotz Nano Limited is a technology company developing innovative climate and industrial nanotechnologies.

Our primary focus is the advancement of 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 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

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.

