

DOTZ ACHIEVED PRODUCTION SCALE-UP FOR PROPRIETARY CO₂ CAPTURE SORBENT

Hundreds of kilograms of annual sorbent production capacity achieved

New purchase orders for sorbent evaluation trials

28 April 2026 - Dotz Nano Limited (**ASX: DTZ, OTC: DTZZF/DTZNY**, “Dotz” or “Company”), a material science company developing advanced solutions for climate and industrial applications, is pleased to announce a significant production scale-up of its proprietary CO₂ capture sorbents, achieving dozens of kilograms of production capacity per single batch, translating to hundreds of kilograms of annual production capacity. This expanded production capability supports new purchase orders (POs) recently received for sorbent evaluation trials, further evidencing growing market demand and confidence in the Company’s technology.

Key Highlights:

- **Production scale-up achieved, delivering hundreds of kilograms of annual sorbent production capacity to address partners’ increasing demand;**
- **Scale-up confirmed significant production cost reduction and clear pathway to further efficiency gains and cost reduction through commercial upscaling;**
- **New purchase orders for sorbent evaluation trials, reflecting growing market interest in the Company's technology; and**
- **Operational readiness established ahead of a transformative year of commercial validation, enabling Dotz to support its customers and partners.**

Dotz has successfully achieved a significant production scale-up milestone, reaching hundreds of kilograms of sorbent annual production capacity, driven by increasing demand from the Company's partners and customers. This milestone represents a critical step in the Company's production roadmap, with Dotz targeting ton-scale annual production capacity by early 2027.

The scale-up milestone validates both the robustness of the Company’s manufacturing process and the scalability of its proprietary sorbent technology. It also confirmed a significant production cost reduction and provides a clear pathway to further cost reduction through commercial upscaling, as higher production volumes enable more efficient manufacturing processes and economies of scale.

The Company has also received additional purchase orders for sorbent evaluation trials. These orders reflect the growing confidence of industrial leaders in the superior capabilities of the Company’s sorbent and represent further commercial traction across Dotz’s expanding customer base.

Together, the production scale-up and the new purchase orders establish Dotz’s operational readiness ahead of what the Company anticipates will be a transformative year of commercial validation. With the capacity to supply hundreds of kilograms of sorbent and a growing pipeline of commercial engagements, Dotz is well-positioned to support its customers and partners through evaluation, demonstration, and early commercial deployment programs.



Dotz CEO, Sharon Malka said: “Achieving hundreds of kilograms of annual production capacity is a pivotal milestone for Dotz, reflecting our ability to respond to increasing partner demand while driving down sorbent costs through commercial scale. The receipt of additional purchase orders from customers who have evaluated our sorbent is a powerful endorsement of our technology’s performance and real-world applicability.

Together, these developments confirm that we are operationally ready to support our customers and partners as we enter what we believe will be a transformative year of commercial validation.

We are focused on executing with excellence and converting this momentum into long-term commercial partnerships that deliver meaningful impact in the global decarbonisation effort.”

Dotz will continue to provide updates to the market regarding its commercial progress and production scale-up activities.

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

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About Dotz Nano Limited

Dotz Nano Limited (ASX: DTZ, OTC: DTZZF/DTZNY) is a technology leader driving innovation in material science and nanotechnologies, addressing some of the world’s toughest industrial and environmental challenges by fusing nanomaterial science expertise with practical, real-world solutions.

Delivering transformative high-performance materials for the technologies of tomorrow, Dotz designs, develops, and deploys customized nanomaterial-based solutions that meet the evolving needs of our customers, enabling a cleaner, more efficient, and sustainable industrial future.

Our focus lies in advancing next-generation sorbent materials engineered for Direct Air Capture and Point Source CO₂ Mitigation with exceptional performance, making carbon capture and removal economically viable.

With a commitment to innovation and sustainability, Dotz Nano Limited is at the forefront of carbon management technologies, offering innovative high-performance sorbent materials directly addressing industry bottlenecks of cost, efficiency and scalability 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.