



DOTZ SUCCESSFULLY COMPLETES PRODUCTION SCALE-UP OF PROPRIETARY CO₂ CAPTURE SORBENTS

11 November 2025 - Dotz Nano Limited (ASX: DTZ, OTC: DTZZF/DTZNY, “Dotz” or “Company”), a technology leader in advanced materials and nanotechnologies for environmental and industrial applications, is pleased to announce the successful completion of production scale-up for its proprietary CO₂ capture sorbent materials, which marks a critical milestone toward high-volume commercial production and global market deployment.

Key Highlights:

- **Successful kilogram-scale production scale-up completed for Dotz’ proprietary CO₂ sorbent materials;**
- **Enhanced manufacturing process now enables near-term supply to customers and partners;**
- **Validated manufacturing infrastructure allows seamless transition to large-scale production via Contract Manufacturing Organisations (CMOs); and**
- **Clear pathway to cost reduction through economies of scale and process efficiencies.**

Achieving kilogram-scale production successfully validates both the high performance of Dotz’s proprietary sorbent materials and the efficiency of the Company’s enhanced manufacturing process. This strategic milestone creates a robust foundation for rapid commercial-scale expansion through partnerships with leading CMOs. This capital-efficient model is expected to substantially reduce unit production costs and significantly enhance market competitiveness.

Dotz CEO, Sharon Malka said: “This milestone positions Dotz to meet immediate market demand and capture near-term revenue opportunities and early traction within the fast-growing Direct Air Capture and Point-Source Capture markets.

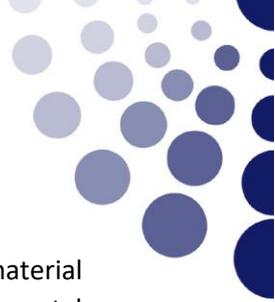
“Through scalable production partnerships with CMOs and the use of readily available raw materials, we can expand rapidly and capital efficiently, laying the foundation for commercial-scale manufacturing, competitive pricing, and sustained profitability as the carbon capture industry gains global momentum.”

Dotz will continue to provide updates to the market regarding its commercial progress and the transition to full-scale CMO production.

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.