ASX and MEDIA RELEASE

22 November 2023

Completion of Technology Transfer and Patent Application

Dotz Nano Limited (**ASX: DTZ**, "**Dotz**" or "**Company)**, a leading developer of innovative climate and industrial nanotechnologies, today announces the successful completion of a technology transfer of carbon-based solid sorbent platform technology ("DotzEarth") from Rice University to the Dotz's facility. In parallel, Dotz has submitted a patent application* covering an optimised manufacturing and scale-up process for DotzEarth.

Highlights

- **Dotz has successfully completed a transfer of the carbon-based solid sorbent technology (DotzEarth) from Rice University**
- **Patent application submitted, covering an optimised manufacturing and scale-up process for DotzEarth**
- **Technology transfer and patent application* will allow Dotz to rapidly optimize its carbon-based solid sorbent and advance the development of DotzEarth**

Technology Transfer

Dotz's point-source capture technology, DotzEarth, utilises plastic waste to produce a carbon-based solid sorbent with nanosized pores to capture and store CO_2 from flue gas.

The technology transfer from Rice University involves Dotz utilizing newly installed pyrolysis reactors to manufacture carbon-based solid sorbent at gram quantities per batch, achieving an important milestone in the Company's efforts to develop efficient CO_2 capturing technologies.

Rice University has confirmed the performance of Dotz's solid sorbent to be comparable to the sorbent synthesized at its institution. This achievement is a testament to the hard work and dedication of the Dotz R&D team, as well as our strong collaboration with Rice University.

The completion of the technology transfer to Dotz's facility is an important step in advancing Dotz's innovative technology development towards the design and manufacturing of a bench scale unit that will establish a technology demonstration at lab scale, which we expect in the first half of calendar 2024.

Patent Application

As a result of the technology transfer process, Dotz will also seek to strengthen its intellectual property position in relation to the technology. A patent application* that covers a significant simplification of the manufacturing and scale-up process of the carbon-based sorbent has been filed in the U.S.

* The Company notes that at this stage the patent application is in progress, and only upon successful granting will the optimised manufacturing and scale-up process for DotzEarth be realised.

The breakthrough manufacturing process has the potential to reduce the cost of the carbon-based sorbent production and drive the cost reduction of CO_2 capturing, towards achieving our goal of providing industrial emitters in hard-to-abate sectors a cost-effective means to reduce their carbon footprint.

Sharon Malka, Chief Executive Officer of Dotz said: "We are pleased with the successful completion of the technology transfer and the advances made to strengthen our intellectual property portfolio through the patent application, which are important milestones for the DotzEarth development plan. This will allow us to rapidly optimize our sorbent-based technology for CO_2 capture and advancing our breakthrough technology as a viable solution for industrial decarbonization, which we believe is a multi-billion dollar market opportunity."

Recent Market Updates

The price of Australian Carbon Credit Units is increasing significantly as emitters seek offsets to meet their climate targets. This dynamic will motivate and incentivise Australia's most emissions-intensive industries to find and implement abatement opportunities on their trajectory to net zero.

A key theme of COP 28, to be held in Dubai in coming weeks, will be Technology and Innovation and the role of decarbonisation technology, innovation and entrepreneurship in tackling climate change.

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

For further information, please contact:

Media Enquiries:
Sharon Williams
E: info@dotz.tech
P: +61 (0)414 520 529

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

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_2) 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

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.