

18 December 2024

Dotz Announces First Commercial Sale of DotzShield Tagging Solution in the U.S.

Highlights

- **Receipt of the first commercial order for Dotz’s proprietary in-product tagging solution from one of the global leader providers of energy solutions to the Oil & Gas industries worldwide;**
- **This first commercial order, valued at approximately AUD340,000, follows a five-year of joint collaboration and development process that has resulted in a cutting-edge solution for corrosion inhibitor (CI) management;**
- **The order underscores the benefits of DotzShield tagging solutions in an industrial setting and validates Dotz’s capability to advance deep-tech innovations, from a concept to commercialisation.**

Dotz Nano Limited (ASX: DTZ, OTC: DTZZF/DTZNY, “Dotz” or “Company”), a leading developer of innovative climate and industrial nanotechnologies, is pleased to announce its first commercial sale of its proprietary in-product tagging solution, DotzShield, to a global leader U.S. based provider of oilfield technology services and chemistry solutions to the Oil & Gas companies worldwide.

The order marks a pivotal milestone for Dotz in its commercialization journey, validating the Company’s innovative solution for real-time CI detection and dosage management, as well as its potential market opportunity. The order follows a long-term collaboration between Dotz and the client to develop, scale-up, and field test this unique solution across various locations in North America, an advance approach to CI management.

“We are delighted to announce the first sale of DotzShield-based taggants solution to ChampionX, which represents an important step in the Company’s commercialisation journey,” said Sharon Malka, Chief Executive Officer of Dotz Nano.

“This milestone underscores the benefits of our groundbreaking proprietary tool. This order represents the culmination of five years of close collaboration, during which we created a groundbreaking tool to address the complex challenge of monitoring and managing corrosion inhibitors.

The adoption of our tagging solution by a world leading service provider to the oil and gas industry, represents a significant market opportunity for DotzShield and validates Dotz’s ability to transform an innovative deep-tech into a commercial product.”

DotzShield technology provides an effective means to detect and quantify corrosion inhibitors within oilfield premises, enabling on-site dosage management and significant savings on maintenance cost associated with corrosion inhibitor overdosing and underdosing. Additionally, it greatly reduces the time needed to obtain reliable and valuable data in industrial settings.

In the past, detecting and quantifying corrosion inhibitors in drilling fluids required samples to be shipped to centralised laboratories for analysis, a process that could take weeks or even months,



making it time-consuming, expensive, and highly inefficient. On-site detection and monitoring of corrosion inhibitors allow for considerable cost savings associated with overdosing and prevent the risks and prevent the risk and potential severe consequences of CI underdosing.

Outlook

Dotz will continue to pursue key milestones that represent significant growth opportunities for both its **DotzShield** and **DotzEarth** technologies through ongoing activities.

The Company's primary focus is on developing and commercialising its ground-breaking carbon capture technology, DotzEarth, as an enabler of carbon neutrality.

In the coming year, Dotz's priority will be to advance the technology readiness of **DotzEarth** through large-scale demonstrations and ongoing optimisation of its sorbents, while further commercializing its tagging solution, **Dotz Shield**.

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) is a nanotechnology company developing innovative climate and industrial nano-technologies. The Company's primary focus is centered around ground-breaking carbon dioxide (CO₂) management technologies leading towards carbon-neutral future. The company's proprietary carbon-based solid sorbents, 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

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