

19 October 2023

DOTZ ANNOUNCES STRATEGIC COLLABORATION WITH SINTEF

Development Collaboration Agreement to Advance Its Carbon Capture Technology

Dotz Nano Limited (**ASX: DTZ**, “**Dotz**” or “**Company**”), a leading developer of innovative climate and industrial nanotechnologies, today announced a technology development collaboration with SINTEF Industry (SINTEF), one of Europe’s largest independent research and development organisations.

Dotz and SINTEF, through its Department of Process Technology, signed a development collaboration agreement for the evaluation and advancement of Dotz’s carbon capture and storage technology for industrial deep decarbonisation, leveraging SINTEF’s extensive experience and knowledge in carbon capture, utilisation and storage (CCUS) technologies.

The collaboration will initially focus on the optimisation of Dotz’s sorbent-based carbon dioxide (CO₂) capture technology and the design and construction of a bench scale test unit, ultimately aiming for the design and construction of Dotz’s first industrial pilot unit. Dotz’s point-source capture technology utilises plastic waste to produce a carbon-based solid sorbent with nanosized pores to capture and store CO₂ from flue gas.

Once developed, the bench scale unit will enable the demonstration of Dotz’s sorbent-based CO₂ capture process efficiency with a variety of industrial flue gases.

Dotz CEO Sharon Malka said: “We are excited to collaborate with SINTEF, one of the leading global research organisations for climate technologies, to advance our innovative sorbent-based technology for CO₂ capture. Establishing strategic partnerships with leading partners is a key component of our strategy and the collaboration with SINTEF is a strategic step towards achieving our goal of providing industrial emitters in hard-to-abate sectors an environmentally friendly and affordable means to reduce their carbon footprint.

“The CO₂ capture industry is undergoing significant growth while playing a critical role in the energy transition and we look forward to advancing our breakthrough technology as a viable solution for industrial decarbonization.”

SINTEF is an independent research organisation with over 30 years of research on CCUS technologies and its focus areas contribute towards the transition to and achievement of future, sustainable, energy systems.

SINTEF Research Manager, Jasmina H. Cavka said, “As a pioneer in the research and development of climate technologies, with longstanding experience in CCUS technologies, we are pleased to be working with Dotz to advance the development of their promising, sorbent technology. Our team is looking forward to work with Dotz’s R&D team, and further advance the technology towards its next stage, as we believe that CO₂ capture and storage technologies for industrial point-sources are crucial in achieving the global net zero emissions goal.”



Investor Briefing

Dotz would like to invite investors to attend an investor briefing on Monday 30 October 2023.

The session will include presentations from Professor James Tour, founder of Dotz, Glenn Kelly, director and Jasmina H. Cavka, Research Manager of SINTEF who will discuss the recent trends in the carbon capture space, the next generation of carbon capture technologies and the proprietary technology converting plastic waste into active carbon to capture CO₂. In addition, Dotz's Chief Technology Officer, Dr Michael Stein will share Dotz Earth's development plan and Dotz's Chief Executive Officer, Sharon Malka will provide a company update and discuss the future direction of the company.

A panel Q&A session will follow the formal presentations.

The event will begin at **4.00pm (AEDT) on Monday 30 October 2023** and is expected to conclude around 5.30pm (AEDT).

To register for the event, please use the following link:

https://us02web.zoom.us/webinar/register/WN_N4dgLIYeTwiCKwr8PwsC2A

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 leading developer of innovative climate and industrial nanotechnologies tackling global environmental and industrial challenges.

The company's primary focus is centered around ground-breaking carbon management technologies as enablers of carbon neutrality. Dotz's proprietary carbon-based solid sorbent, represents the next evolution in carbon capture technologies, offering an efficient and sustainable approach to drive industrial deep decarbonisation towards sustainable energy future.

To learn more about Dotz, please visit the website via the following link www.dotz.tech

About SINTEF

SINTEF is one of Europe's largest independent research organizations, with international top-class expertise in the fields of technology, natural sciences, medicine and social sciences. SINTEF develops sustainable solutions to some of society's biggest challenges and creates value and innovation by developing knowledge and technological solutions with practical applications. SINTEF has researched CCUS since its inception in the 1980s.

To learn more about SINTEF, please visit www.sintef.com.