

27 March 2024

METHANE CONTROL PROGRAM UPDATE

Emerging mineral processing technology company, Zeotech Limited (ASX: ZEO, "Zeotech" or "the Company") is pleased to provide the following update on its Methane Control Program ("Program") at Griffith University ("Griffith") in collaboration with Cleanaway Waste Management Limited ("Cleanaway").

HIGHLIGHTS

- Stakeholders for the Program have agreed to advance with controlled infield trials at Griffith, utilising materials sourced from a Cleanaway landfill.
- The change to controlled field trials at Griffith has been determined as the most efficient pathway to scale the technology by optimising configurations, increasing data collection frequency, and evaluating the maximum methane oxidation potential that can be achieved by the Company's zeoteCH₄[®] products.
- Controlled trials will enhance patent development for potential novel steps associated with methanotroph inoculation and propagation, and zeoteCH₄[®] product configurations.
- Simulated infield configurations aim to advance the commercial readiness of the technology by enabling additional data collection that could support potential carbon credit methodology development.

Following the Company's announcement to advance to infield validation¹, stakeholders for the Program have agreed to progress with controlled field trials at Griffith, utilising materials sourced from a Cleanaway landfill site.

The adjustment from a Cleanaway landfill to simulated configurations at Griffith has been determined as the most efficient pathway to scale the Company's methane emissions control technology following the successful lab trials.

The simulated field trials will allow the project team to optimise configurations, increase data collection frequency, and evaluate maximum methane oxidation potential that can be achieved by the Company's zeoteCH₄[®] products.

Furthermore, the controlled field trials will enhance patent development for potential novel steps associated with methanotroph inoculation and propagation, and zeoteCH₄[®] configurations.

¹ ASX Announcement 30/01/2024 - Methane Control Trials Advance Infield to Cleanaway Landfill

Whilst the trials will move to a simulated configuration established at Griffith using materials from a Cleanaway landfill, it affords the opportunity to advance the commercial readiness of the technology by enabling additional data collection that could support potential carbon credit methodology development.

The timeline of the field trial is unchanged.

Zeotech, Chief Executive Officer, Scott Burkhart commented:

"We are confident that the controlled field trials will enable improved data collection, alongside the ability to better evaluate the maximum methane oxidation potential of the Company's products that could reflect a range of landfill profiles."

"Whilst this is an adjustment from original plan, it offers greater flexibility to optimise the configurations and support the development of potential patent applications associated with the technology."

This announcement has been approved by the Board.

- End -

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About Zeotech

Zeotech Limited (ASX: ZEO) is a team of dedicated people, working together to build a future focused company, leveraging proprietary technology for the low-cost production of advanced materials 'manufactured zeolites' to deliver solutions aimed at addressing sustainability challenges.

About Cleanaway

Cleanaway is Australia's leading total waste management, industrial and environmental services company. Cleanaway have supported Australian businesses for over 50 years with over 6,300 expert staff and a fleet of over 5,300 specialist vehicles across more than 250 locations around Australia.

Cleanaway's mission is to make a sustainable future possible. They are leaders not just through their total waste management solutions but also by achieving the triple bottom line of sustainability:

- a financially strong and resilient business;

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- contributing to a thriving population through employment and community engagement; and
- leading their industry to protect our planet for generations to come.

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These forward-looking statements are not historical facts but rather are based on Zeotech current expectations, estimates and projections about the industry in which Zeotech operates, and its beliefs and assumptions.

Words such as "anticipates," "expects," "intends," "potential," "plans," "believes," "seeks," "estimates", "guidance" and similar expressions are intended to identify forward looking statements and should be considered an at-risk statement.

Such statements are subject to certain risks and uncertainties, particularly those risks or uncertainties inherent in the process of developing technology and in the endeavour of building a business around such products and services.

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Zeotech cautions shareholders and prospective shareholders not to place undue reliance on these forward-looking statements, which reflect the view of Zeotech only as of the date of this release.

The forward-looking statements made in this announcement relate only to events as of the date on which the statements are made. Zeotech will not undertake any obligation to release publicly any revisions or updates to these forward-looking statements to reflect events, circumstances or unanticipated events occurring after the date of this announcement except as required by law or by any appropriate regulatory authority.