

11 October 2021

ZEOLITE TECHNOLOGY PATENT APPLICATION ENTERS NATIONAL PHASE

Emerging mineral processing technology company, Zeotech Limited (ASX: “ZEO”, “Zeotech” or “the Company”) is pleased to advise after receiving an International Preliminary Report on Patentability (under Chapter II of the PCT) that contained positive findings as to the novelty and inventiveness of the Company’s 100% owned patent application associated with mineral processing technology for the manufacturing (synthesising) of zeolites (“IP”), it is progressing to the National Phase¹ of the patent granting procedure - this follows filing under Patent Cooperation Treaty on 8 May 2020².

Zeotech will proceed with filing in the following jurisdictions:

- Australia
- Canada
- Chile
- China
- India
- Japan
- Republic of Korea
- Eurasia - covers Russia and Kazakhstan
- Thailand
- United States of America
- Europe - various jurisdictions including France, Germany, Italy, Spain, and the United Kingdom

As patents are only granted in each country by the relevant national patent office, the National Phase filing(s) is a key requirement in the process for seeking to have a patent granted internationally. The ensuing process will allow the Company to pursue patent granting in the above jurisdictions, which have been selected from criteria pertaining to global synthetic zeolite production and consumption, in conjunction with potential mine and process tailing feedstock opportunities.

Zeotech considers the opportunity to potentially secure granted patents will further enhance its commercialisation pathway, especially with licensing and/or joint venture opportunities. The Company has also ensured it maintains and continues to build a high level of in-house process know-how to further enhance its future commercial proposition.

¹ <https://www.wipo.int/pct/en/faqs/faqs.html>

² ASX Release 21/05/2020 “Zeolite Mineral Processing Technology progresses to next stage of Intellectual Property Protection”

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This Announcement has been approved by the Board.

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About Zeotech

Zeotech Limited (ASX: ZEO) holds proprietary mineral processing technology developed by The University of Queensland, for the low-cost production of advanced materials 'synthetic zeolites' and aims to utilise their unique properties for a sustainable future.

The strategy focuses on the low-cost manufacture of molecular sieve synthetic zeolites for global markets. The Company is developing innovative environmental management solutions, which include cleantech for lithium refineries to commercially manage by-product residue and developing economically viable carbon capture and conversion solutions, underpinned by low-cost 'adsorbents and catalysts' manufactured using Zeotech's patent-pending technology.

About Zeolites

Synthetic zeolites are manufactured aluminosilicate minerals with a sponge-like structure, made up of tiny pores (frameworks) that make them useful as catalysts or ultrafine filters. They are commonly known as molecular sieves and can be designed to selectively adsorb molecules or ions dependant on their unique construction.

Zeolites play an important role in a cleaner and safer environment.

- zeolites are an effective substitute for harmful phosphates in powder detergent, now banned in many parts of the world because of blue green algae toxicity in waterways;
- as catalysts, zeolites increase process efficiencies = decrease in energy consumption;
- zeolites can act as solid acids and reduce the need for more corrosive liquid acids;
- zeolites adsorbent capabilities see them widely used in water treatment i.e., heavy metal removal including those produced by nuclear fission; and
- as redox catalyst sorbents, zeolites can help remove exhaust gases and CFC's.

Forward-looking Statements

This release may contain certain forward-looking statements with respect to matters including but not limited to the financial condition, results of operations and business of Zeotech and certain of the plans and objectives of Zeotech with respect to these items.

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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," "considers," "expects," "intends," "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.

These statements are not guarantees of future performance and are subject to known and unknown risks, uncertainties, and other factors, some of which are beyond the control of Zeotech, are difficult to predict and could cause actual results to differ materially from those expressed or forecasted in the forward-looking statements.

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.