

The background of the slide is a dark, textured surface with various green geometric shapes and spheres. There are several large, faceted green spheres and smaller, more complex geometric forms scattered across the frame. The overall aesthetic is modern and technical.

Investor Presentation

27 November 2020

Metalsearch Limited | Level 27 Santos Place, 32 Turbot Street, Brisbane, Queensland, 4000

Disclaimer

This presentation announcement has been approved in accordance with the Company's published continuous disclosure policy and has been approved by the Board.

CAUTIONARY STATEMENT

This presentation is for information purposes only. Neither this presentation nor the information contained in it constitutes an offer, invitation, solicitation or recommendation in relation to the purchase or sale of shares in any jurisdiction. This presentation may not be distributed in any jurisdiction except in accordance with the legal requirements applicable in that jurisdiction.

The information in this presentation is published to inform you about Metasearch Limited ("Metasearch" or the "Company") and its activities. Some statements in this presentation regarding estimates or future events are forward looking statements. They involve risk and uncertainties that could cause actual results to differ from estimated results. All reasonable effort has been made to provide accurate information, but we do not warrant or represent its accuracy and we reserve the right to make changes to it at any time without notice.

To the extent permitted by law, Metasearch accepts no responsibility or liability for any losses or damages of any kind arising out of the use of any information contained in this presentation. Recipients should make their own enquiries in relation to any investment decisions.

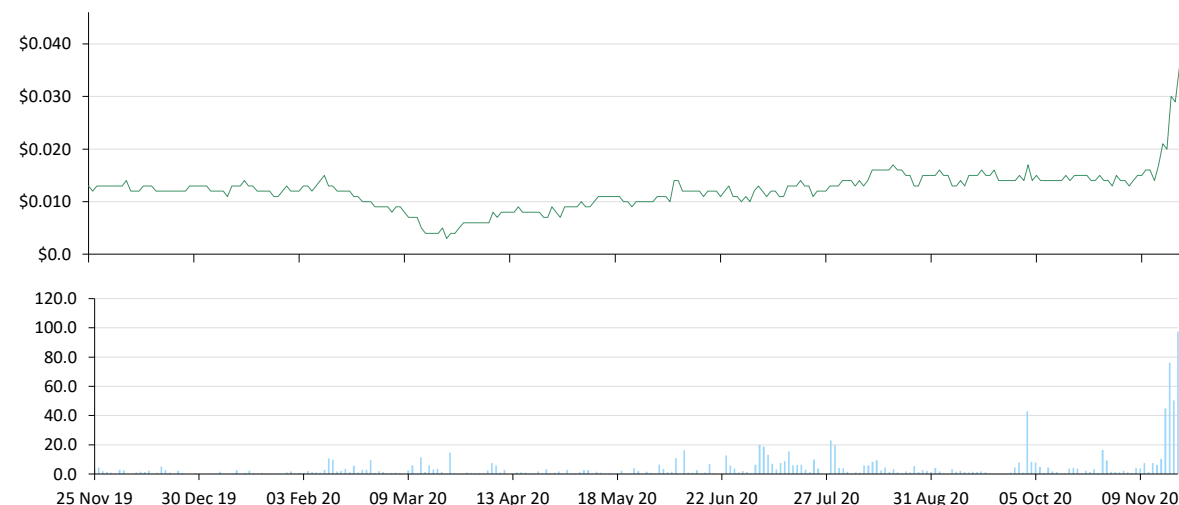
Photographs in this presentation do not necessarily depict assets of the Company.

Corporate overview

Capital structure

Shares on issue:	1,379,051,184
Options on issue: (unlisted, \$0.015, expiry: 4/2024)	20,000,000
Performance rights:	125,000,000
Share price:	\$0.042
Market capitalisation (fully diluted):	\$64m
Debt	Nil

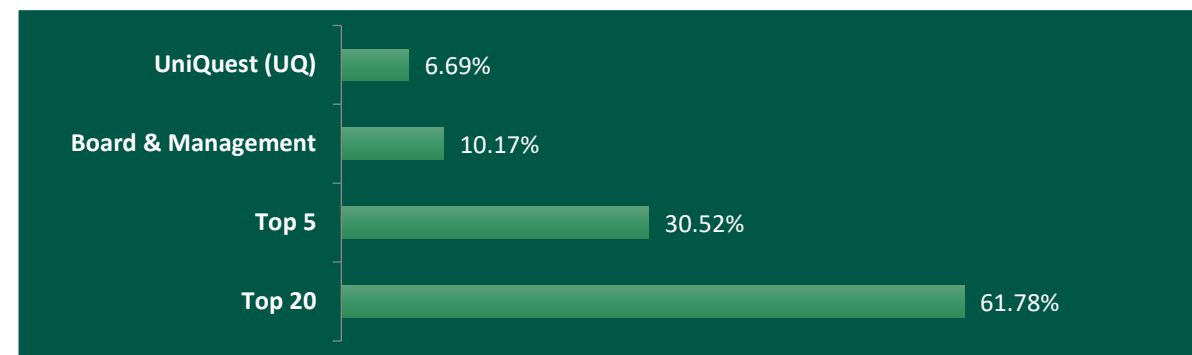
Price & Volume (1 year period)



Board & Management

Non-Executive Chair	Sylvia Tulloch
Managing Director	Peter Zardo
Non-Executive Director	John Goody
Non-Executive Director	Rob Downey
Company Secretary	Neville Bassett

Shareholder profile



Company overview

An emerging industrial kaolin and mineral processing technology company

Leveraging novel and proprietary technologies to drive industry partnerships and future production of industrial mineral products and sophisticated materials.

Abercorn Kaolin Project

- ~200km² Central Queensland tenement acquisition (August 2019)
- Maiden JORC delivered (July 2020)
- Commercial Grade Synthetic Zeolite produced from Abercorn kaolin (July 2020)

Zeolite mineral processing technology (patent-pending)

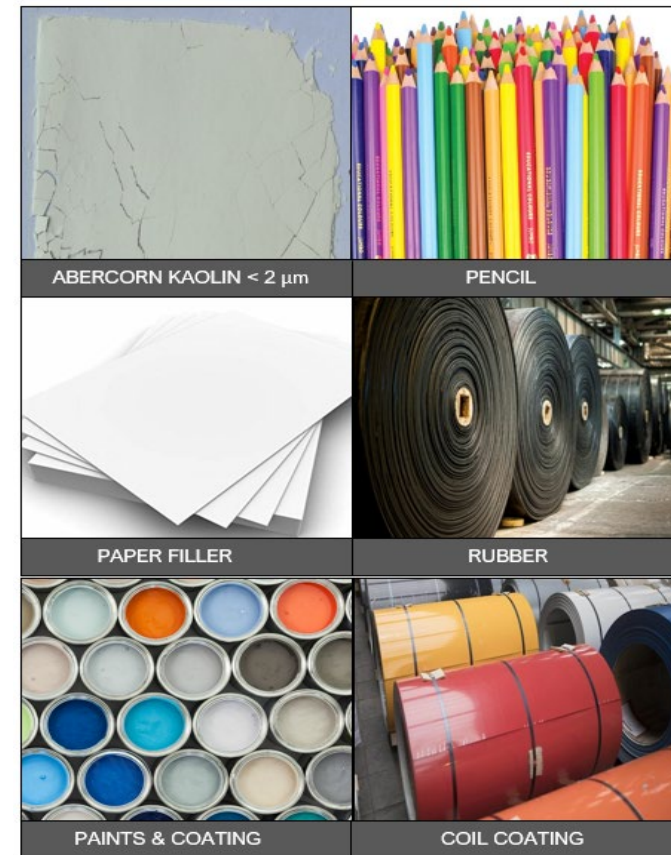
- University of Queensland Partnership and Exclusive Global Licence secured (April 2020)
- Patent Cooperation Treaty (PCT) filing (May 2020)
- UQ Research Agreement (May 2020) and Mine Tailings and Process Residue Research Agreement (August 2020)
- Early market interest in China (June 2020 / August 2020)
- Exploring Agricultural Applications for Synthetic Zeolites (September 2020)
- Lithium Process Residue Patent Application lodged and Commercial Grade Zeolite produced (October 2020)

Abercorn kaolin

Evaluating industrial kaolin marketability

- Maiden JORC resource delivered
- Industrial kaolin product development assessment underway
- Large scale mineralised system from surface
- Low cost operation - straight forward open cut mining
- Little to no overburden
- Low impurities
- Mains power on site (major power transmission line within 5km)
- Large water supply nearby and within EPM
- 135kms sealed highway to two major deep-water ports

Optimal feed for zeolite mineral processing technology



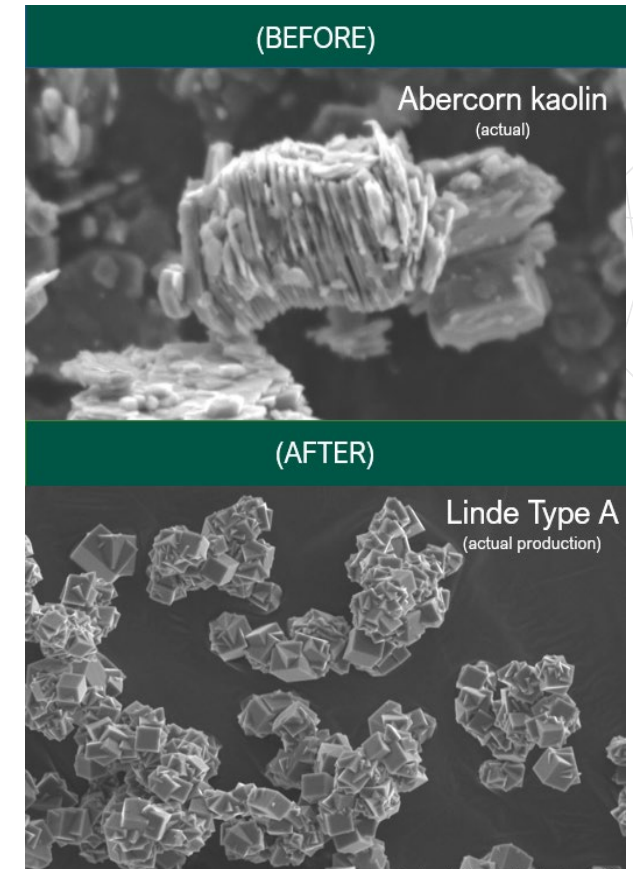
Mineral processing technology (synthetic zeolite)

Simply, a novel patent-pending mineral process for the **low cost of production of synthetic zeolites**

The UQ Chemical Engineering team has demonstrated (under lab-scale conditions):

- Up to 70% reduction in energy consumption - thermal activation stage
- Up to 80% reduction in production time - subsequent zeolite precipitation steps
- Significant reduction in by-product waste
- Originally developed as a remediation solution for mine tailings
- Primary commercial plant P&E remains 'conventional' = low CapEx

Commercial grade Type A zeolite and molecular sieve grade zeolite produced



Images: Dr. Hong (Marco) Peng, The University of Queensland

What are synthetic zeolites?

Synthetic zeolites are manufactured aluminosilicate minerals with a sponge-like structure (frameworks), made up of tiny pores that make them useful as adsorbents, catalysts and ultrafine filters.

They can be designed to selectively adsorb molecules or ions dependant on their unique construction and have the ability to be regenerated over and over again for re-use (recycled)

Diverse commercial applications:

- Energy sector
- Environmental management solutions
- Sustainable food production



The Type A synthetic zeolite market

A mature established market valued at >A\$2.6Bn:

Detergent grade zeolite manufactured for 30+ years

- 4A detergent grade = A\$600-700/t
- 4A PVC heat stabiliser grade = A\$725-785/t

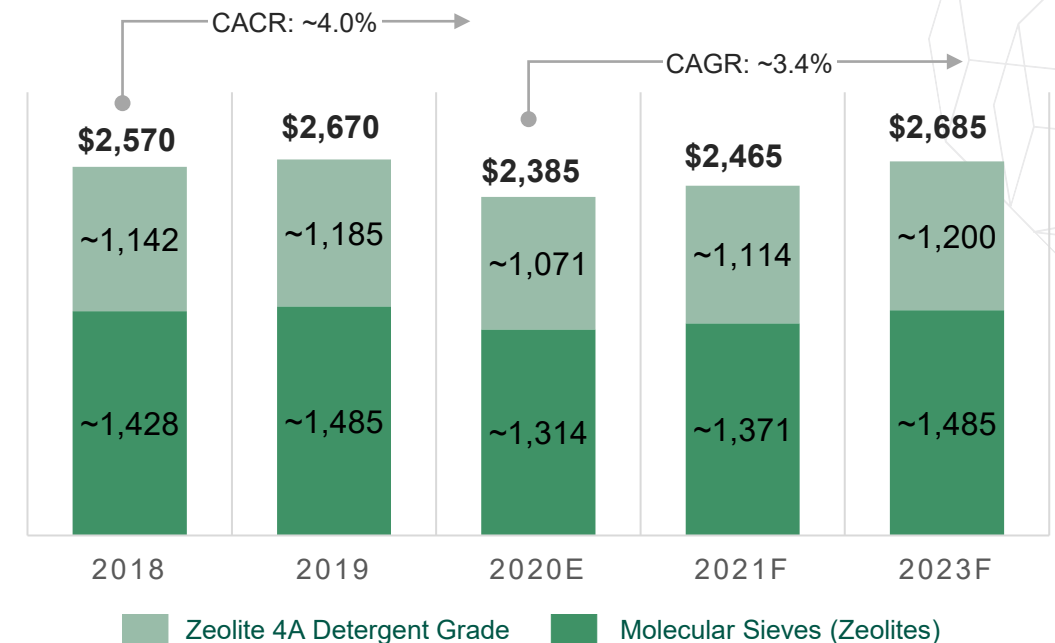
Targeting high value Type A Molecular Sieves

3A , 4A and 5A molecular sieve grade

- A\$2,850-4,000/t (beads)
- A\$3,000-3,785/t (pellets)

UQ has synthesised Type 3A zeolite which represents >40% of the global molecular sieve grade market

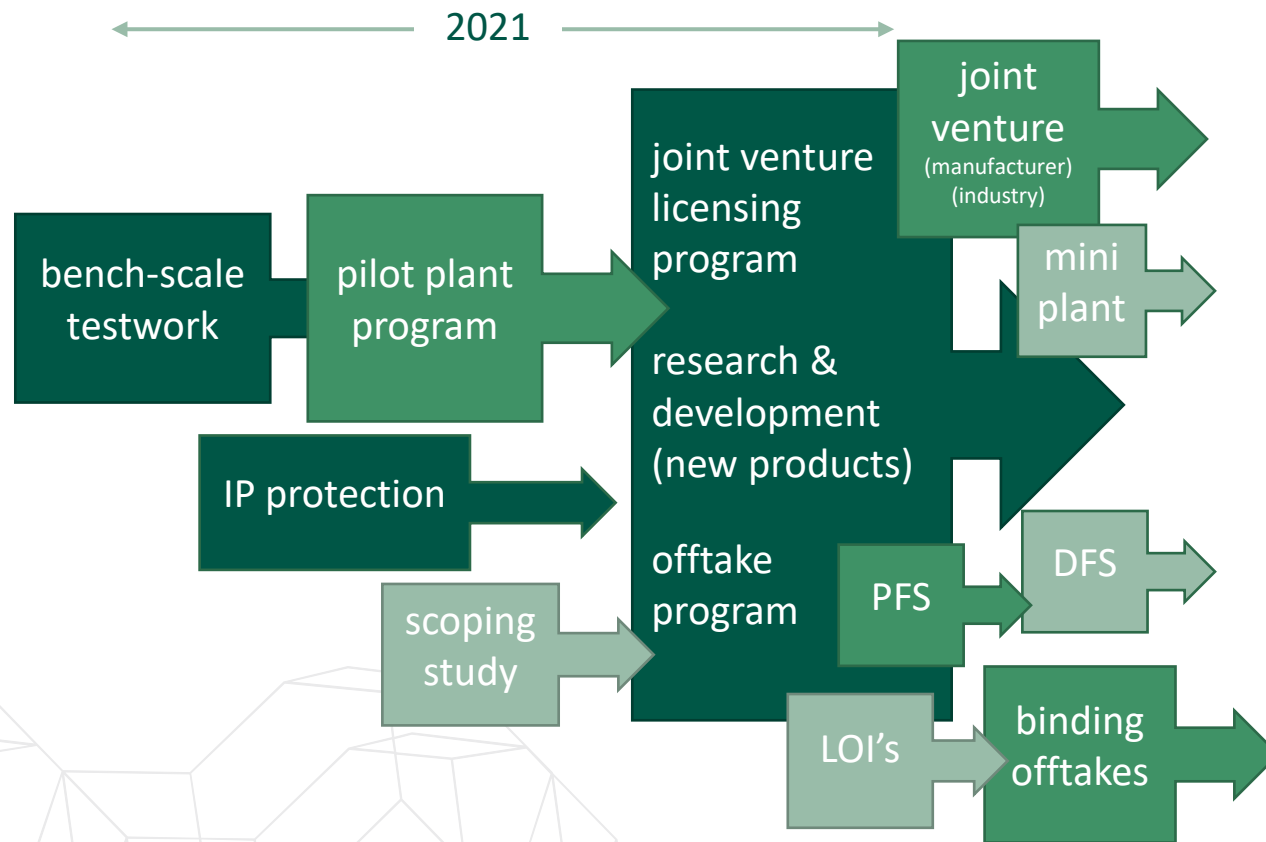
Global **Type A** synthetic zeolites market, by grade (A\$ million)



AUD = USD 70c (FX)

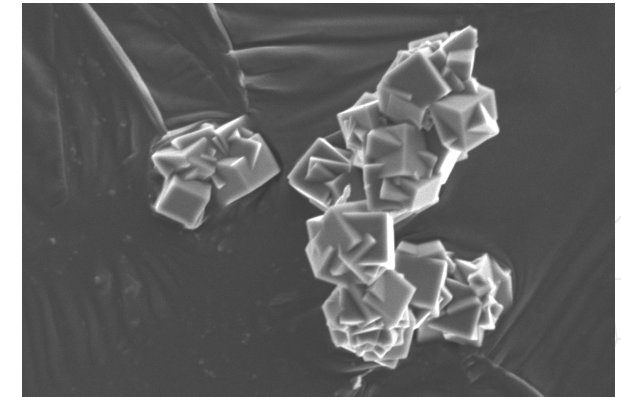
Aranca – Global Analysis 4A Detergent and 3A, 4A and 5A molecular sieves grade Nov 2020 (market data)

Commercialisation - patent-pending IP provides optionality

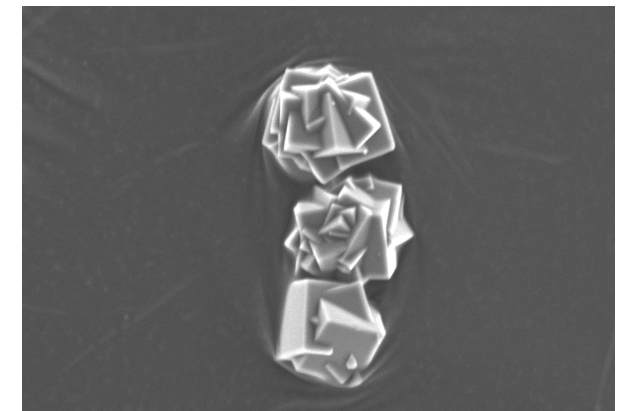


What's next

- Accelerate on-the-ground primary zeolite market research; China (completed), with India and Japan underway
- Commence direct introduction program with global zeolite industry participants (manufacturers and end-users)
- Maintain momentum on zeolite industry partnership attraction, focusing on commercial mine waste remediation and agriculture
- UQ to commence zeolite bench-scale piloting Q1 CY2021, pilot plant construction scheduled to begin Q2 CY2021
- Continue assessing Abercorn kaolin commercial marketability and further develop the company's industrial kaolin strategy



commercial grade Type A zeolite
produced from Abercorn kaolin



commercial grade Type A zeolite
produced from lithium process residue

Images: Dr. Hong (Marco) Peng, The University of Queensland

Summary

Abercorn kaolin



Abercorn kaolin (raw ore)

- Large-scale kaolin resource
- Low cost operation
- Industrial mineral potential
- Power, water and two ports within 135km

Optimal feedstock

Zeolite mineral processing technology



UQ Chemical Engineering personnel

- Strong technical partner in University of Queensland
- Low cost zeolite production (major environmental benefits)
- Conventional P&E = low CapEx plant
- Targeting >A\$2.6Bn global Type A zeolite market

High value zeolite production >A\$2,850/t

Aranca – Global Analysis 4A Detergent and 3A, 4A and 5A molecular sieves grade Nov 2020 (market data)

Thank you

Metasearch Limited

Peter Zardo
Managing Director
(+61) 7 3181 5523
info@metasearch.com.au

Six Degrees Investor Relations

Henry Jordan
www.sdir.com.au
+61 (0) 431 271 538
henry.jordan@sdir.com.au