



zeotech 

AusPozz™ Project
Better Low-Carbon Concrete

September 2025

ASX: ZEO
www.zeotech.com.au

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The information in this presentation relating to exploration results for the Toondoon Project is extracted from the following announcements entitled 'ZEO Acquires High-Grade Kaolin Project within Approved ML' released to the ASX on 23 August 2021, 'Notice of General Meeting/Proxy Form (Part 2 of 2) Ausrocks Mineral Estimates Report' released to the ASX on 27 July 2022 and 'Land Purchase Agreements signed Accelerate Toondoon Project' released on to the ASX on 8 December 2022 and AusPozz™ Project Preliminary Feasibility Study released to the ASX on 24 June 2025, which are all available on the Company's website www.zeotech.com.au

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements, and that all material assumptions and technical parameters underpinning the estimates in the original market announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the competent person's findings are presented have not been materially modified from the original market announcements.

Cautionary Statement

The PFS referred to in this presentation was undertaken to assess the technical and economic viability of the AusPozz™ Project. The study aims to identify the preferred mining, processing, and infrastructure requirements, but it is not final. Further evaluation work, including a Definitive Feasibility Study (DFS), is required before the Company can provide assurance of an economic development case.

This PFS is more than a preliminary technical and economic study given the work undertaken for the study, but it is not advanced sufficiently to support the estimate of Ore Reserves, and further technical work, including additional drilling and feasibility-level assessments, is planned to resolve the outstanding Modifying Factors and support a future Ore Reserve classification or provide any assurance of an economic development case.

The Production Target referred to in this presentation is based on this PFS and supported solely by Measured and Indicated resources and not an Ore Reserve. Zeotech has concluded that it has reasonable grounds for disclosing a Production Target; however, there is no certainty that the Production Target or the economic assessment will be realised.

The information in the PFS that relates to metallurgical results and processing assumptions is based on preliminary test work and should not be considered definitive. Additional test work, including vendor testing, is required to confirm the technical and economic viability of the proposed process flowsheet and product specifications.

The PFS is based on the material assumptions described in the announcement on 24 June 2025 entitled "AusPozz™ Project Preliminary Feasibility Study" and summarised in the Summary of Material Assumptions and Summary of Modifying Factors in Appendix 1. These include assumptions about the availability of funding and the pricing received for the Company's AusPozz™ and Kaolin DSO products. While the Company considers all of the material assumptions to be based on reasonable grounds, there is no certainty that they will prove to be correct or that the range of outcomes indicated by PFS will be achieved. To achieve the range of outcomes indicated in the PFS, funding in the order of \$95 million, plus working capital, will likely be required. Investors should note that there is no certainty that the Company will be able to raise the amount of funding when needed.

It is also possible that such funding may only be available on terms that may be dilutive to or otherwise affect the value of the Company's existing shares. It is also possible that the Company could pursue other 'value realisation' strategies such as a sale, partial sale, or joint venture of the project. If it does, this could materially reduce the Company's proportionate ownership of the Project.

Given the uncertainties involved, investors should not make any investment decisions based solely on the results of the PFS.

Investment Proposition

Advancing low-carbon, high-performance cement binder replacement, enabled by Australia's highest-grade kaolin resource and strategic partnerships with global industry leaders

First Mover Advantage



Becoming Australia's **first commercial** producer of high-reactivity Metakaolin, as an SCM for low-carbon concrete

8-ha Bundaberg Port calcination plant location set, with LOI in place

2026 Cashflow



Executed \$200m Binding Offtake Agreement¹ initial 5-year term with Jiangsu Mineral Sources International (MSI) for DSO kaolin

Mining operations are scheduled to commence first-half 2026

Large-Scale Resource



JORC >10mt² of high-purity kaolin³ (Measured 4.0Mt, Indicated 6.8Mt) within only 5% of the 28,000-ha tenement holding

Easy access to two major bulk mineral deepwater ports and approved B-Double route from Mine pit to Bundaberg port

Product Validation



AusPozz™ is a manufactured pozzolan **specified for use under existing Concrete Standards.**

Independent trials confirm that AusPozz™ can replace up to 40% of the cement binder in concrete blends, whilst increasing strength and reducing shrinkage⁴

Decarbonisation Demand



The global SCM market is forecast to reach c. US\$40 billion by 2030. SCMs are the most viable alternative to mitigate CO2 emissions from the cement industry⁵

Independent AusPozz™ LCA confirms the embodied carbon value **c.79% less than cement binder**⁶

Strong Industry Engagement



MoU with Holcim Australia, a leading building materials company, to commercialise AusPozz™ Metakaolin⁷

AusPozz™ domestic pipeline of **49 active prospects**⁸, comprising 9 Tier 1 cement companies, 32 Tier 2 prospects, and engineering design specifiers

Australia's largest DSO Kaolin offtake agreement¹

\$200m Kaolin DSO offtake locks in stage one of AusPozz™ Project - cashflows expected in 2026

Product	Unit	Yr 1	Yr 2	Yr 3	Yr 4	Yr 5
DSO Kaolin	Tonnes	160,000	160,000	160,000	160,000	160,000
DSO Cosmetic Kaolin	Tonnes	10,000	20,000	30,000	40,000	50,000

- Binding Offtake Term Sheet executed with Jiangsu Mineral Sources International (MSI), one of the world's leading independent bulk raw material trading companies¹
- Initial 5-year (rolling) Offtake valued at over \$200 million in sales²
- Low CapEx to commence DSO mining operations and < 1 year payback³
- Robust margin averaging > 45%⁴
- 'Free On Board' (FOB) terms minimising logistics risk



Jiangsu Mineral Sources International Trading Co.



DSO 'White' Kaolin

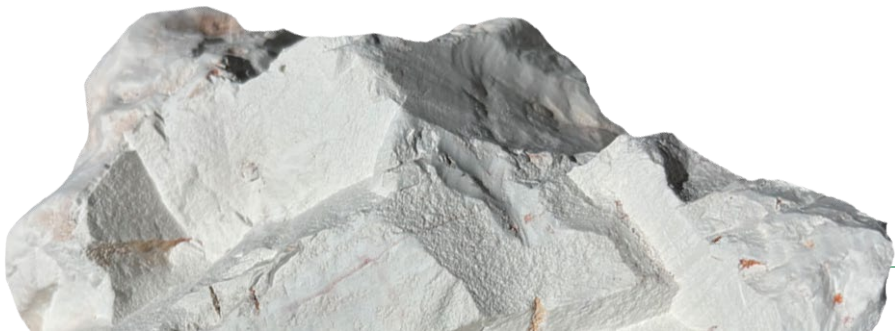
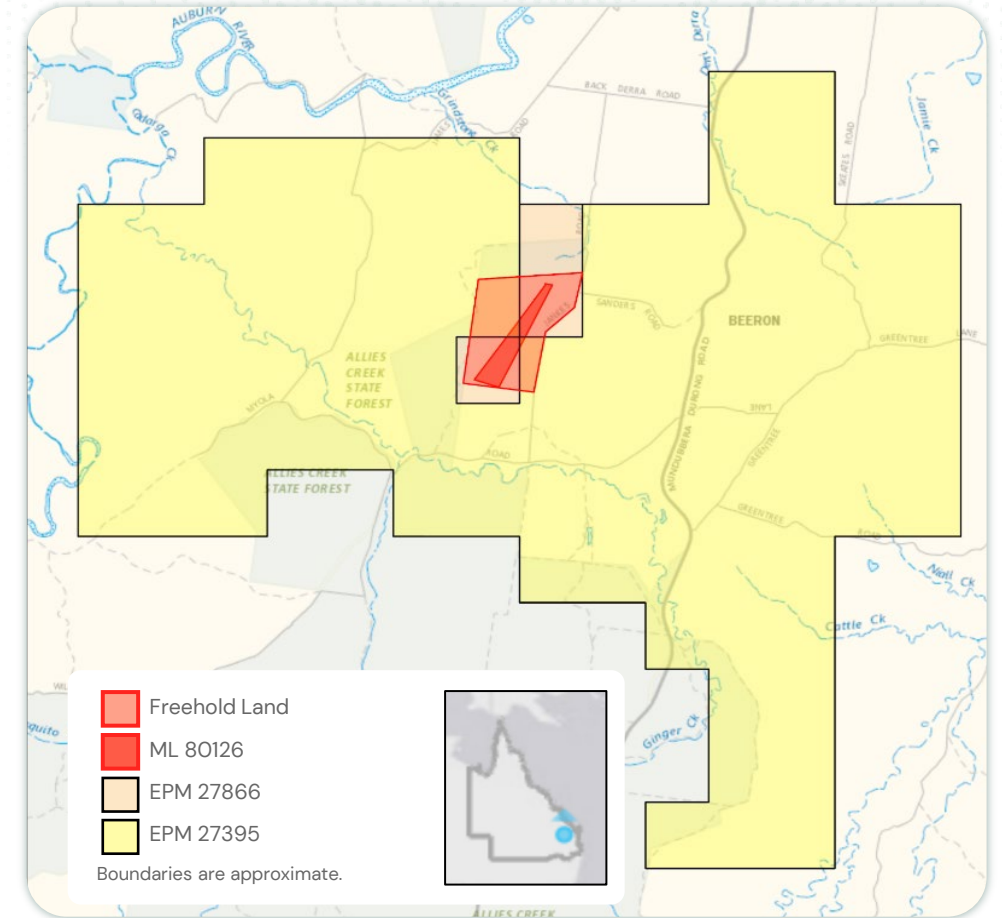


Cosmetic DSO 'Pink' Kaolin

Toondoon Kaolin Project

Australia's highest-grade known raw ore kaolin resource held under an approved Mining Lease

- Approved Mining Lease (ML 80126)
- Huge tenements footprint covering 28,000ha¹
- Company ownership of 682ha of freehold land
- 10.9Mt JORC (Measured 4.03Mt, Indicated 6.84Mt) kaolin resource within only 5% of the tenement footprint¹ which supports the projected 20-year LOM for the AusPozz™ Project.
- Resource is open in all directions
- Ultra-high purity kaolin² perfect for AusPozz™ production
- Simple open-cut mining with minimal overburden
- Adjacent to heavy vehicle highway close to two bulk mineral ports



What is AusPozz™?

High-Reactivity Metakaolin - Supplementary Cementitious Material (SCM)



AusPozz™ High Reactivity Metakaolin

- Metakaolin is a Manufactured Pozzolan - the secret of 2000-year-old Roman concrete¹
- Used in modern concrete for several decades for technical advantages, but has been too expensive to produce at scale
- AusPozz™ can replace up to 40%² of Ordinary Portland Cement (OPC) binder in concrete
- At 20% cement replacement, AusPozz™ can almost double the concrete strength and half the shrinkage²
- AusPozz™ HRM is a fully validated product³ with multiple commercial applications
- Independent Life Cycle Analysis gave an embodied carbon value c.79% less than cement binder⁴

AusPozz™ offers multiple technical advantages

Significantly lower carbon footprint and multiple performance benefits¹

Increased

Strength

Durability

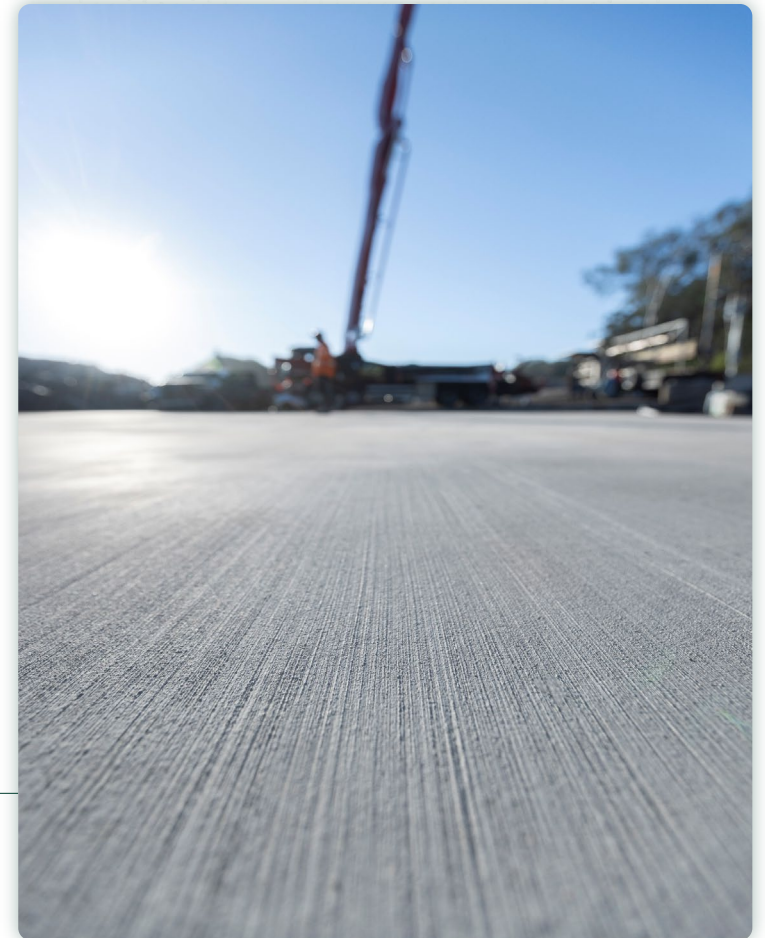
Reduced

Shrinkage

Concrete Cancer

- 79% reduction in embodied carbon vs cement
- >50% strength gain (UCS)² with less cement - lower cost per m³
- Better durability - longer asset life
- Elimination of concrete cancer
- Improved fire resistance

AusPozz™ is a total solution that can deliver positive economic and environmental outcomes



AusPozz™ Preliminary Feasibility Study

Strong business case validated by robust technical and financial characteristics

- ✓ Nameplate production of **300,000 tpa AusPozz™** from Train 1, and the manufacturing site offers scope for Train 2 expansion to double capacity.
- ✓ Production target of **151,000 tpa Kaolin DSO** for export markets.
- ✓ After-tax **cashflow of \$1.01bn** and EBITDA of **\$1.60bn** over **20-year Project Life of Mine**.¹
- ✓ Significant economic impact potential for Queensland with a workforce of more than **140 skilled personnel** across mining, logistics, manufacturing, and administration for the Project.

\$406m NPV

The Project has delivered a robust after-tax NPV over a 20-year LOM from the high-purity Toondoon Kaolin resource

42% IRR

Resilient after-tax internal rate of return

2.1 Years

Fast payback from free cash flow after commissioning the AusPozz™ Manufacturing Facility at the Port of Bundaberg

229,800 t

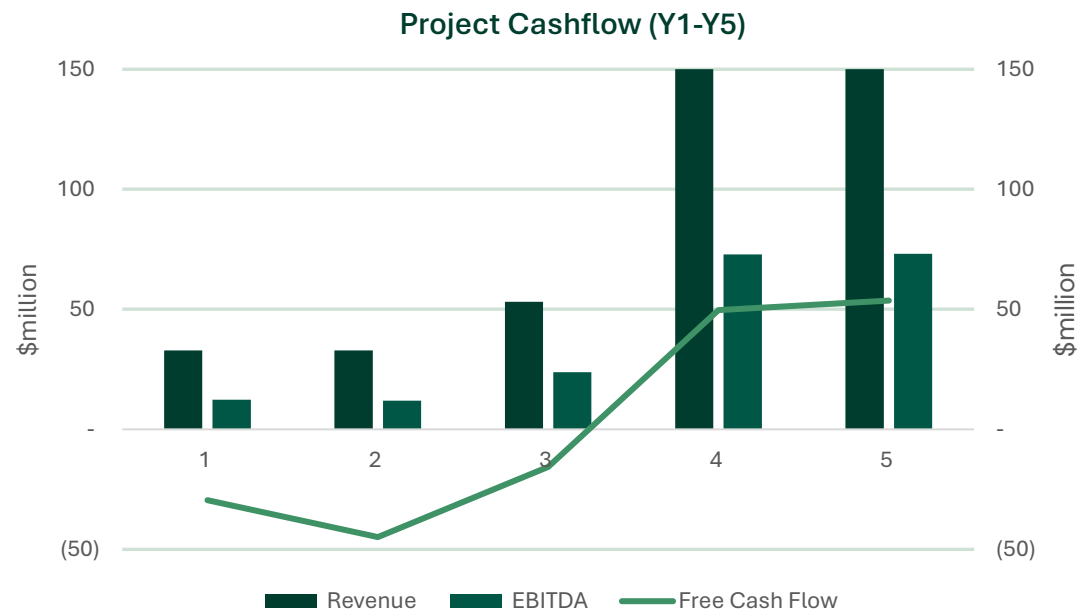
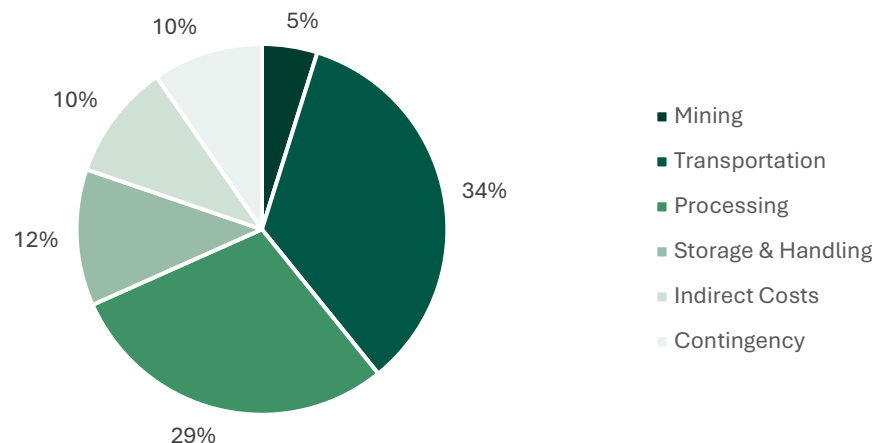
Tonnes of CO₂-e that could be avoided every year from the 1-for-1 replacement of cement with the nameplate AusPozz™ production

Cashflow and Capital Expenditure

Early cash flows from DSO Kaolin operations reduce the capital requirement to approx. \$95m

Capital Cost Summary¹

	A\$M
Direct Cost	\$62.3
Indirect Cost	\$43.7
Contingency (11%)	\$10.5
Total Project Capital Cost	\$105.5



- DSO Sales from Year 1 provide steady-state EBITDA of A\$12m that supports the reduced capital requirement of approximately \$95m, including all project working capital.
- AusPozz™ commissioning and product ramp-up in Q4 2028 supports steady-state EBITDA of approximately \$73m from combined operations.

Bundaberg Port – Strategically Compelling

Bundaberg Port offers transport optionality, utilities, and future renewables access

- LOI signed with Gladstone Port Corporation for a 7.88ha site at Bundaberg Port¹
- State Development Area zoning with access to infrastructure, utilities, and a skilled workforce
- Toondoon is connected to the Port via an approved B-Double route of approx. 260km
- Bundaberg provides an ideal location, enabling coastal and international shipping options
- Multi-million \$ bulk mineral loading facility recently built



Compelling Financials Driven by Simplicity

Conventional cost-effective flowsheet underpinned by ultra-high purity natural kaolin

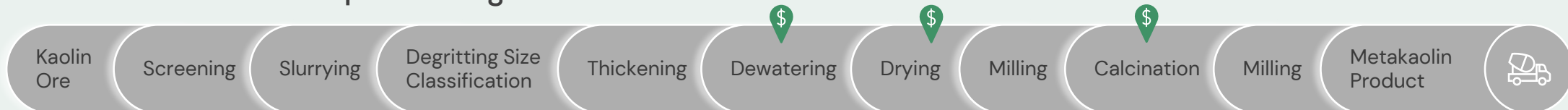
- Australia's highest-grade known raw ore kaolin resource offers a cost-effective approach to high-reactivity metakaolin production, AusPozz™, and a fast-track DSO opportunity
- AusPozz™ manufacturing circuit comprises proven conventional plant and equipment, with **\$62.3m** in Project Direct Capital Costs¹
- Definite Feasibility Study (DFS) to explore alternative by-product fuels to potentially improve economics and green credentials further



Zeotech's AusPozz™ processing circuit

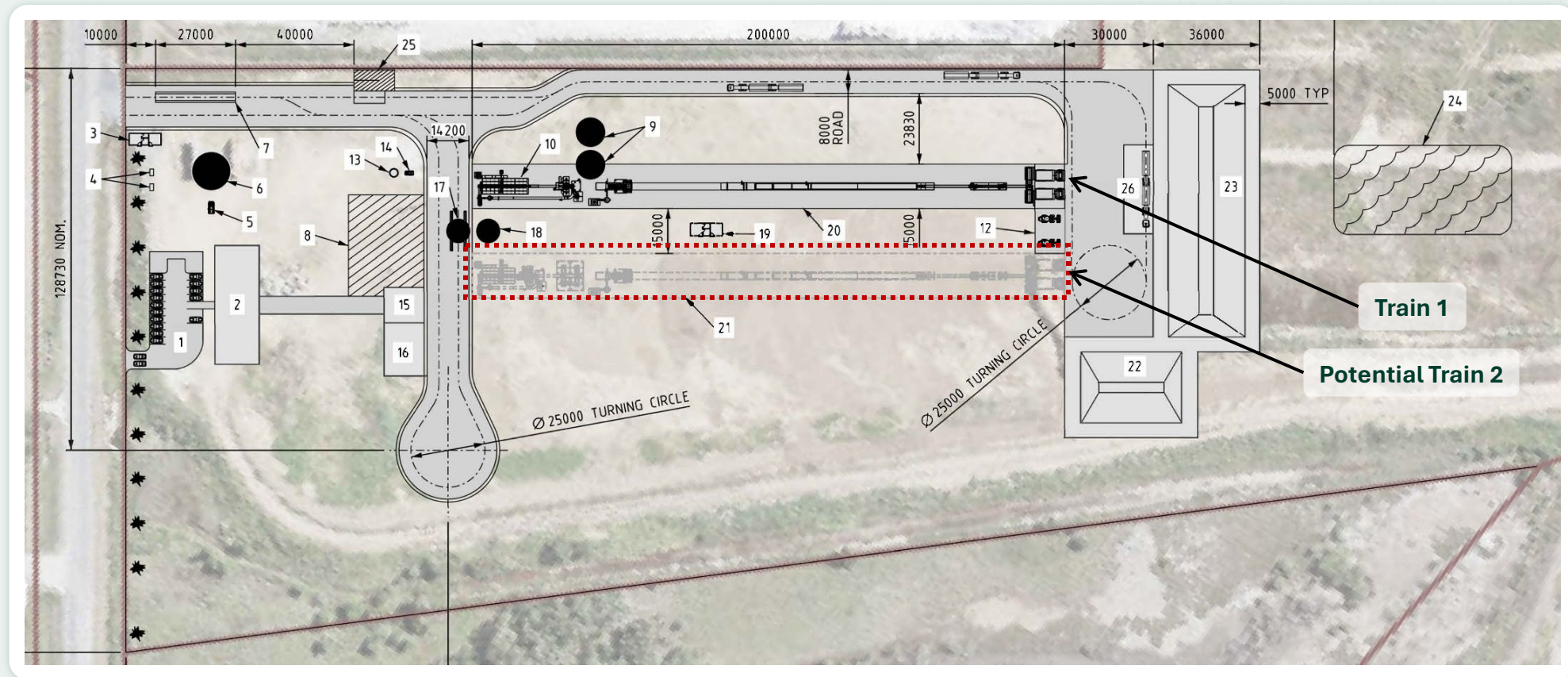


Traditional metakaolin processing



AusPozz™ Project Future Expansion

Potential scope for future Train 2 expansion, further improving economics and Net Zero impact



Approximately 8 ha Bundaberg Port area site provides the potential for future expansion
AusPozz™ production to 600,000 tpa with a Train 2 option adjacent to Train 300

Market Opportunity - AusPozz™

Legislated emission reduction targets set to drive demand for low-carbon concrete solutions

The Size of the Target Sector

- Cement production – 8% of global CO₂ emissions¹
- Immediate addressable market – almost 30 Million m³/pa of concrete in Australia using over 10 Million tonnes of cement²
- 14 billion m³/pa of concrete produced globally – only behind water as the second most widely used material⁵
- Accessible markets – Asia/Pacific region is the fastest growing market³
- Safeguard Mechanism - The Australian Government has set annual emissions limits on industrial facilities, including those in concrete and cement, requiring a reduction in emissions year-on-year to 2030⁴
- Metakaolin - proven technology, an accepted decarbonisation solution and fits current standards

Collaboration Partner

- Holcim Australia – MoU signed Oct 2024
- Part of the world's largest sustainable building materials company – operating in over 70 countries



Evident demand with 49 Active domestic leads⁶:

- Tier 1 **(9)** – 9 currently testing
- Tier 2 **(32)** – 4 testing, and 7 have requested trials
- Max **(8)** – 5 testing, and 4 have made purchase requests

Significant Carbon Emissions Avoided

Nameplate AusPozz™ production has a huge decarbonisation impact on the built environment

The application of the nameplate annual AusPozz™ production in low-carbon concrete would avoid carbon emissions by an estimated **229,800 tonnes CO₂-e per year**¹.

Equivalencies²:



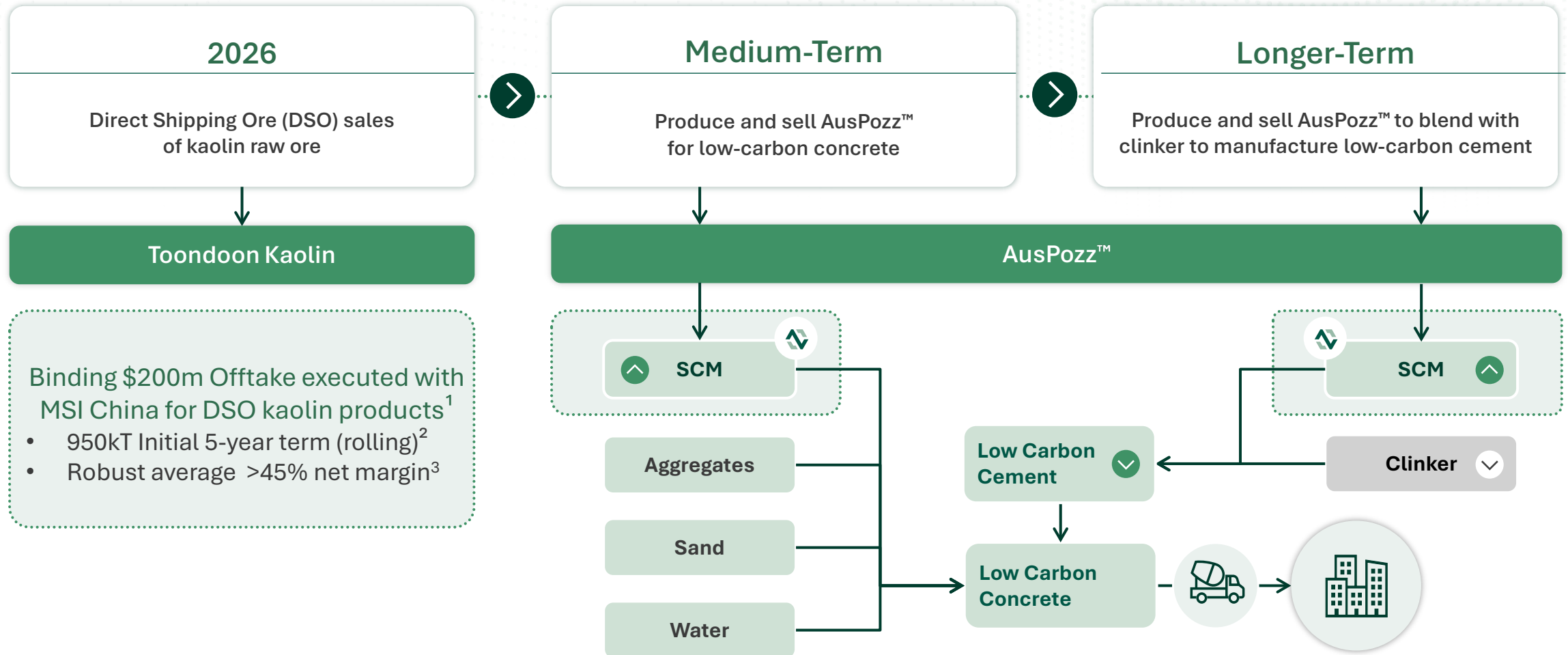
Removing 53,600 petrol cars
from the road every year



Planting 3,500,000 tree seedlings every year and
sequestering carbon over 10 years of growth

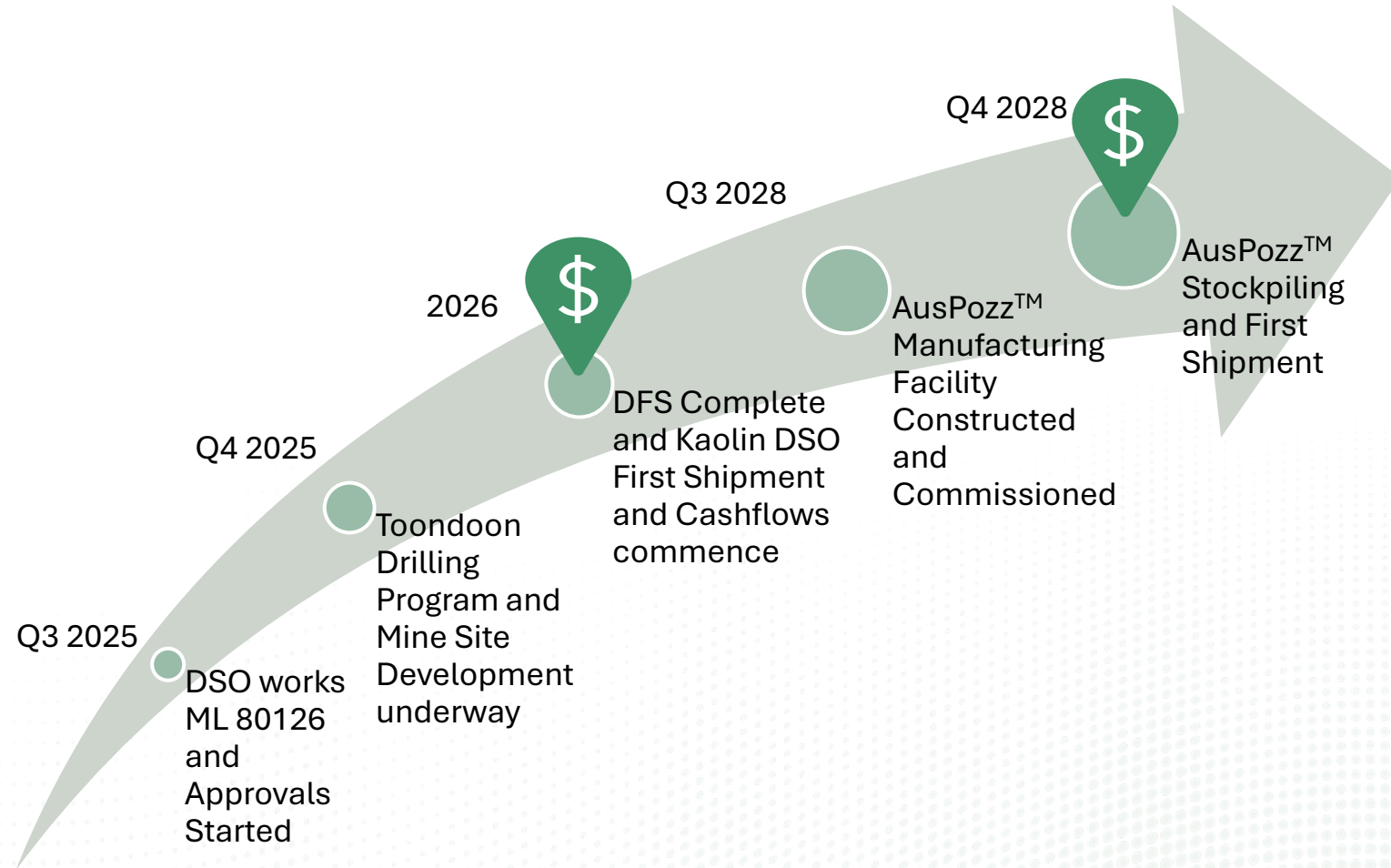
Commercial Pathways

Immediate DSO kaolin cash flow and AusPozz™ low-carbon concrete and cement market potential



Indicative Project Delivery Timetable¹

Expansive Toondoon drilling program and forecast DSO Kaolin sales offer near-term value accretive milestones



Corporate Overview



\$167m

Market capitalisation



\$2.34m

Cash at bank
(30 June 2025)



\$0.09

Share price



1.85Bn

Shares on issue



3c-11.5c

52-week range

Board & Management



Sylvia Tulloch

Non-Executive Chair

Materials scientist with many years' experience in the establishment & management of high-technology businesses, with a focus on mineral processing, commercialisation, & the cleantech sector.



Peter Zardo

Managing Director

Proven business leader with over 25 years of expertise in corporate finance, advisory, and project management. Held senior roles for 17 years within Westpac Group's Corporate Banking division before being appointed Zeotech's Managing Director in 2020.



Shane Graham

Executive Director

High-performing business leader with over 30 years of extensive experience in the building materials sector, including executive management roles with two of Australia's leading building materials companies, including 5 years at Holcim Australia and over 20 years at Boral Ltd.



Rob Downey

Non-Executive Director

Qualified solicitor who has practised mainly in international resource law, corporate law & initial public offerings, and mergers and acquisitions.



James Marsh

Chief Executive Officer

Over 30 years of industrial minerals & material sector experience, including 15 years with Imerys Minerals Limited, a French multinational specialising in the production & processing of industrial minerals.



For Further Information

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