



zeotech 

AusPozz™ Project
Better Low-Carbon Concrete

Connecting Industry Luncheon - October 2025

ASX: ZEO
www.zeotech.com.au

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ASX Listing Rule 5.23

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.

Company Highlights

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 a supplementary cementitious material (SCM) for low-carbon concrete

Located at an 8ha Port of Bundaberg site and SDA zoning

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 >10mt of high-purity kaolin² (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 Port of Bundaberg

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 shrinkage³

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 industry⁴

Independent AusPozz™ LCA confirms the embodied carbon value **c.79% less than cement binder**³

Strong Industry Engagement



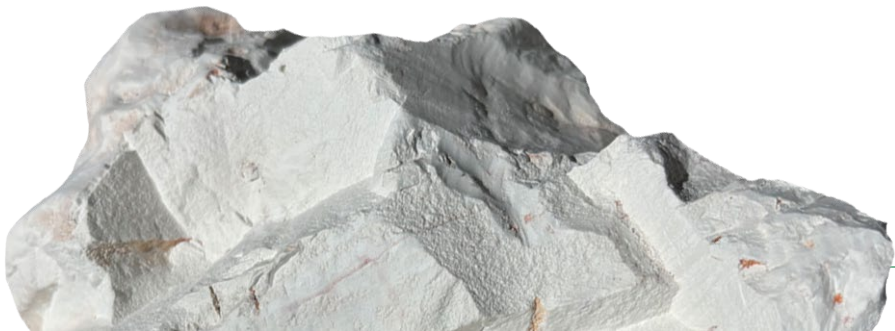
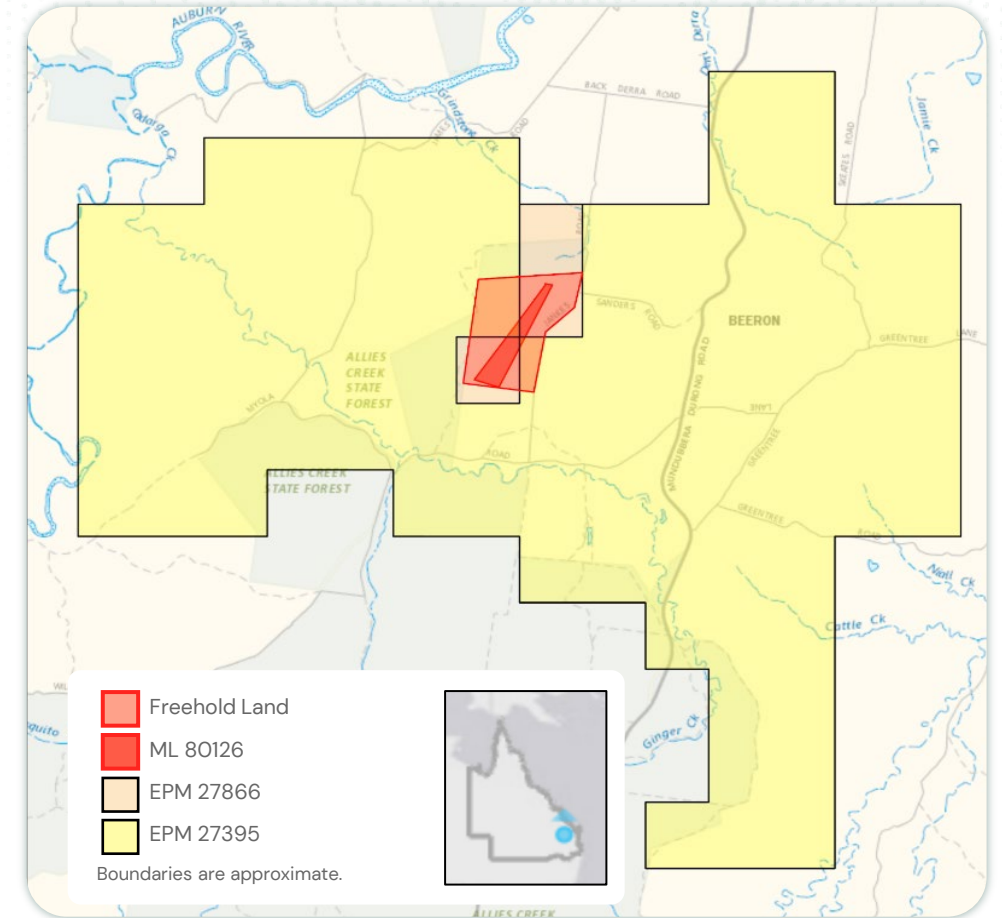
MoU with Holcim Australia, a leading building materials company, to commercialise AusPozz™ metakaolin⁵

MoU with Laing O'Rourke, a global engineering and manufacturing-led construction leader, to advance concrete trials using AusPozz™ in Laing O'Rourke projects and tenders⁶

Toondoon Kaolin Project

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

- Approved Mining Lease (ML 80126) c.20km south of Mundubbera, QLD, and a large tenement footprint covering 28,000ha
- 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 kaolin perfect for AusPozz™ production²
- 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% of Ordinary Portland Cement (OPC) binder in concrete¹
- At 20% cement replacement, AusPozz™ can almost double the concrete strength and half the shrinkage¹
- AusPozz™ is a fully validated product with multiple commercial applications¹
- Independent Life Cycle Analysis gave an embodied carbon value c.79% less than cement binder¹

AusPozz™ offers multiple technical advantages

Significantly lower carbon footprint and multiple performance benefits¹

Increased

Strength

Durability

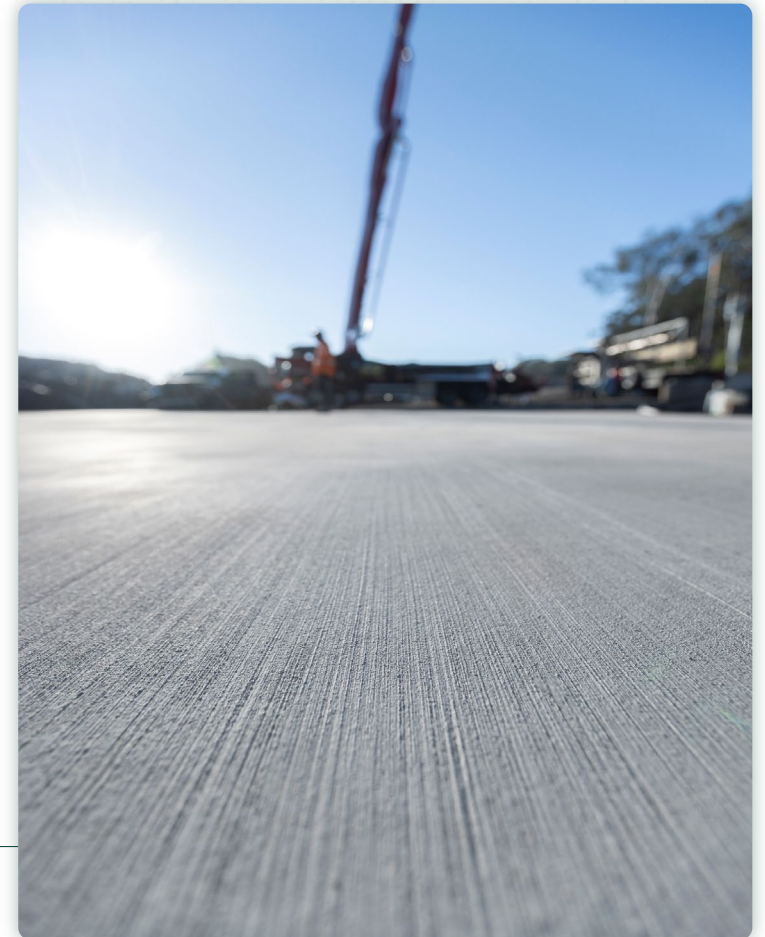
Reduced

Shrinkage

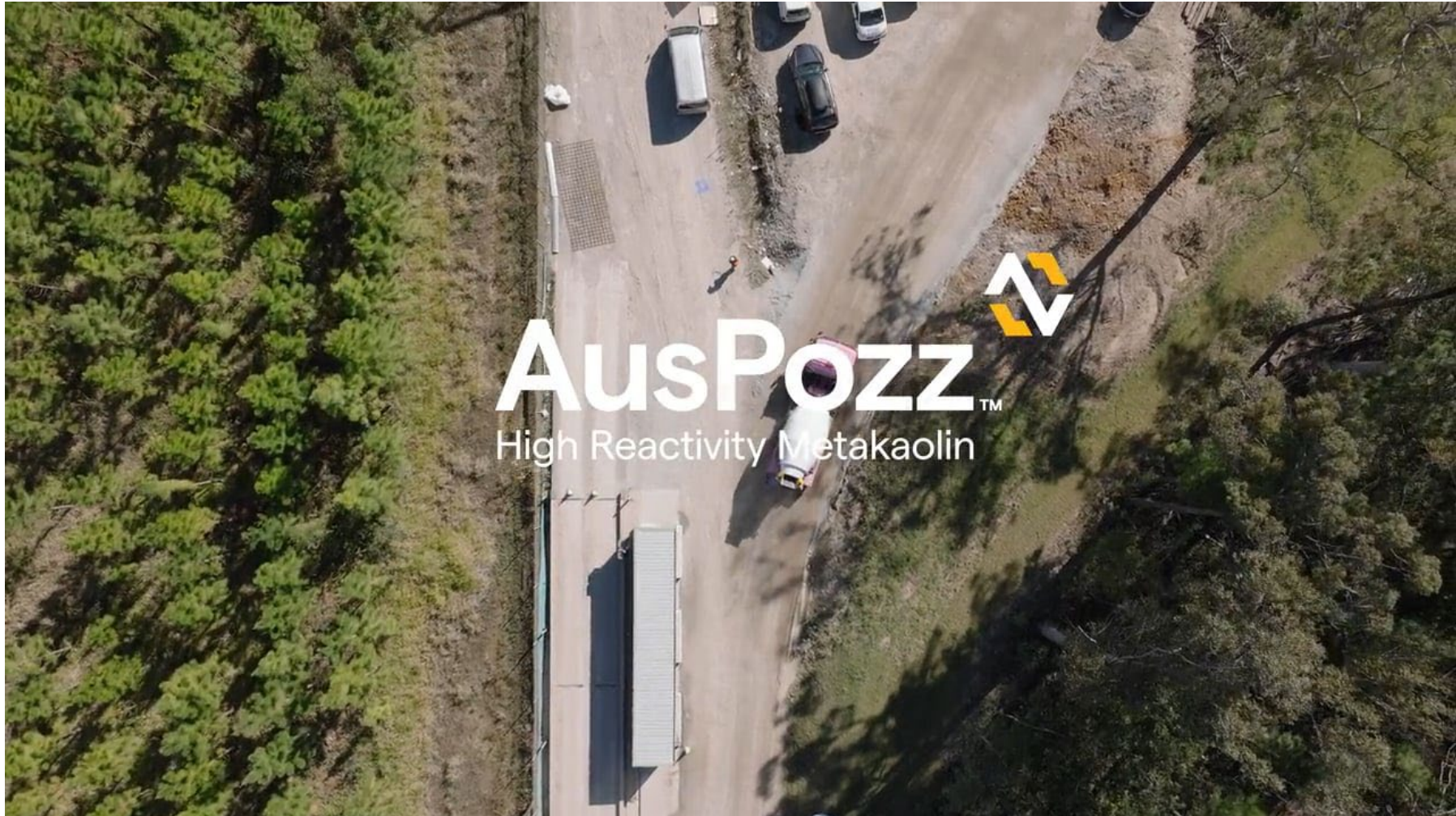
Concrete Cancer

- 79% reduction in embodied carbon vs cement¹
- >50% strength gain (UCS)² with less cement - lower cost per m³
- Elimination of concrete cancer - better durability - longer asset life
- Improved fire resistance
- Elimination of temperature differential problems
- Reduction of chemicals
- Replacement of imported minerals

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



AusPozz™ Concrete Demonstration Pour Video



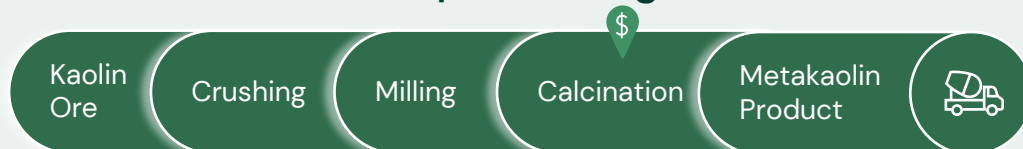
Compelling Financials Driven by Simplicity

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

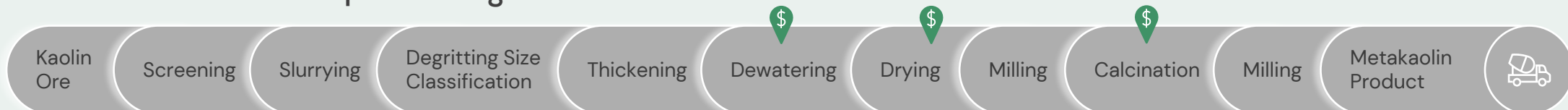
- Australia's highest-grade known raw ore kaolin resource offers a cost-effective approach to high-reactivity metakaolin, AusPozz™, production, and a fast-track DSO opportunity
- AusPozz™ manufacturing circuit comprises proven conventional plant and equipment
- Definitive Feasibility Study (DFS) to explore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



Zeotech's AusPozz™ processing circuit



Traditional metakaolin processing



AusPozz™ Preliminary Feasibility Study

Strong business case validated by robust technical and financial characteristics

- ✓ **300,000 tpa AusPozz™** from Train 1
- ✓ **Train 2** expansion would double capacity
- ✓ **DSO Kaolin** export markets of over \$200m in the first five years
- ✓ 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

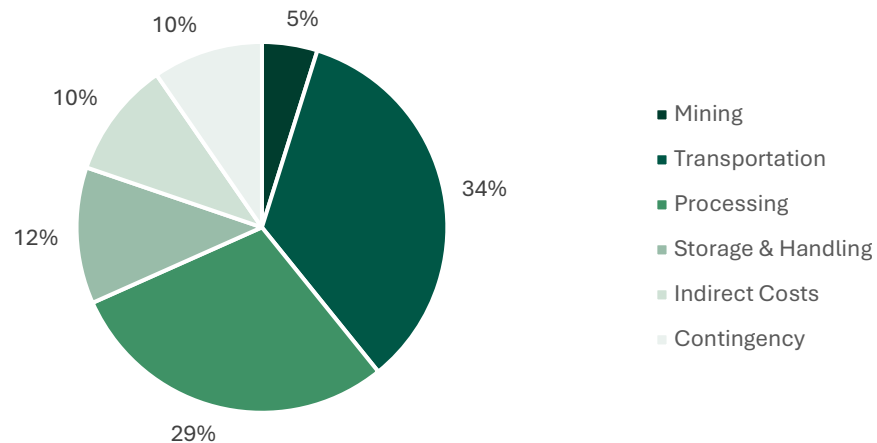
Cashflow and Capital Expenditure

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

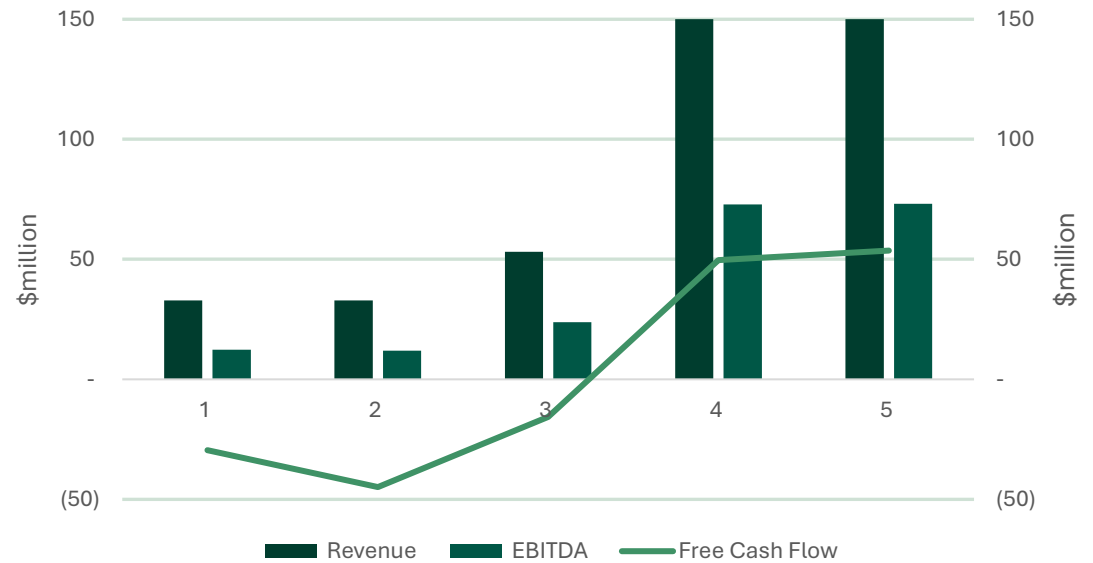
Capital Cost Summary¹

A\$M

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



Project Cashflow (Y1-Y5)



- DSO Sales from Year 1 provide steady-state EBITDA of A\$12m
- AusPozz™ from Q4 2028 supports steady-state EBITDA of \$73m from combined operations.

Bundaberg Port – Strategically Compelling

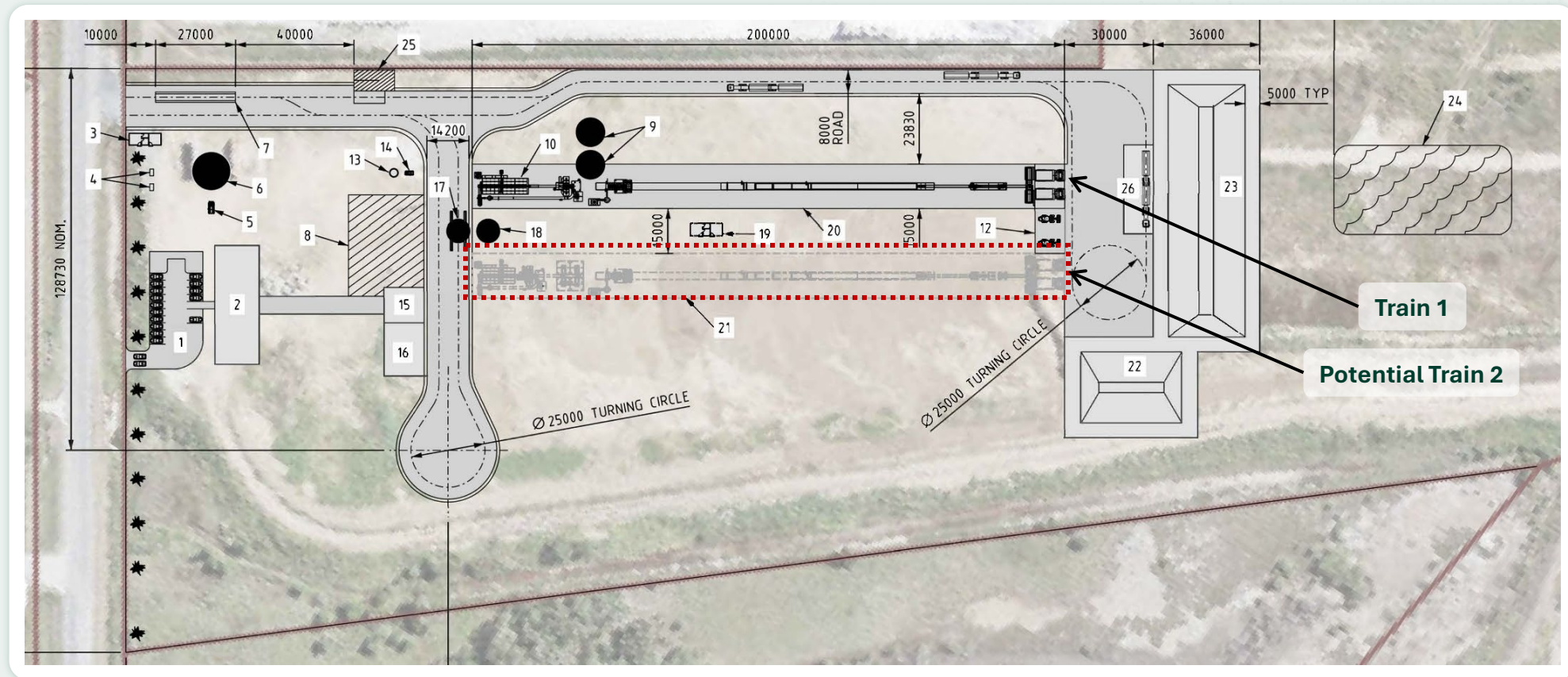
Bundaberg Port offers transport optionality, utilities, and future renewables access

- LOI signed with Gladstone Port Corporation for an 8ha site at the Port of Bundaberg¹
- 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



AusPozz™ Project Future Expansion

Scope for future Train 2 expansion – even better economics, more jobs and higher Net Zero impact



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

Significant Carbon Emissions Avoided

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

The application of the Train 1 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

Lasting Economic Benefits

Powering Low-Cost Decarbonisation, Economic Growth, and Resilient Regional Communities

Low-Cost Decarbonisation



- Can reduce the cost of decarbonising cement production, a major industrial emitter and hard-to-abate sector
- Supports Australia's net zero transition at a lower economic cost
- Enhances global competitiveness by keeping domestic production costs down
- Strengthens export potential for Australian industries through cost-effective sustainability
- Enables more high-value jobs and business growth by lowering transition costs across the economy

Queensland Benefits



- Boosts Central Queensland's economy through mining and manufacturing from a direct workforce of >140
- Construction phase investment will generate direct and indirect jobs, boosting local businesses
- Ongoing operations will support long-term employment, both within Zeotech and across its supply chain
- Supports regional resilience by creating new jobs in areas impacted by the fossil fuel industry decline
- Retains skilled workers in emerging low-emissions industries

Sector & Economy Benefits



- Potential to lower construction costs from improved concrete performance.
- Potential to reduce concrete volume needed, cutting transport and handling expenses.
- Can improve durability and lifespan, lowering maintenance and replacement costs.
- Benefits all sectors reliant on concrete - from housing to major infrastructure projects.
- Supports productivity and cost-efficiency across the broader economy.

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 Partners

Holcim Australia – MoU signed Oct 2024

- Part of the world's largest sustainable building products company – operating in over 70 countries



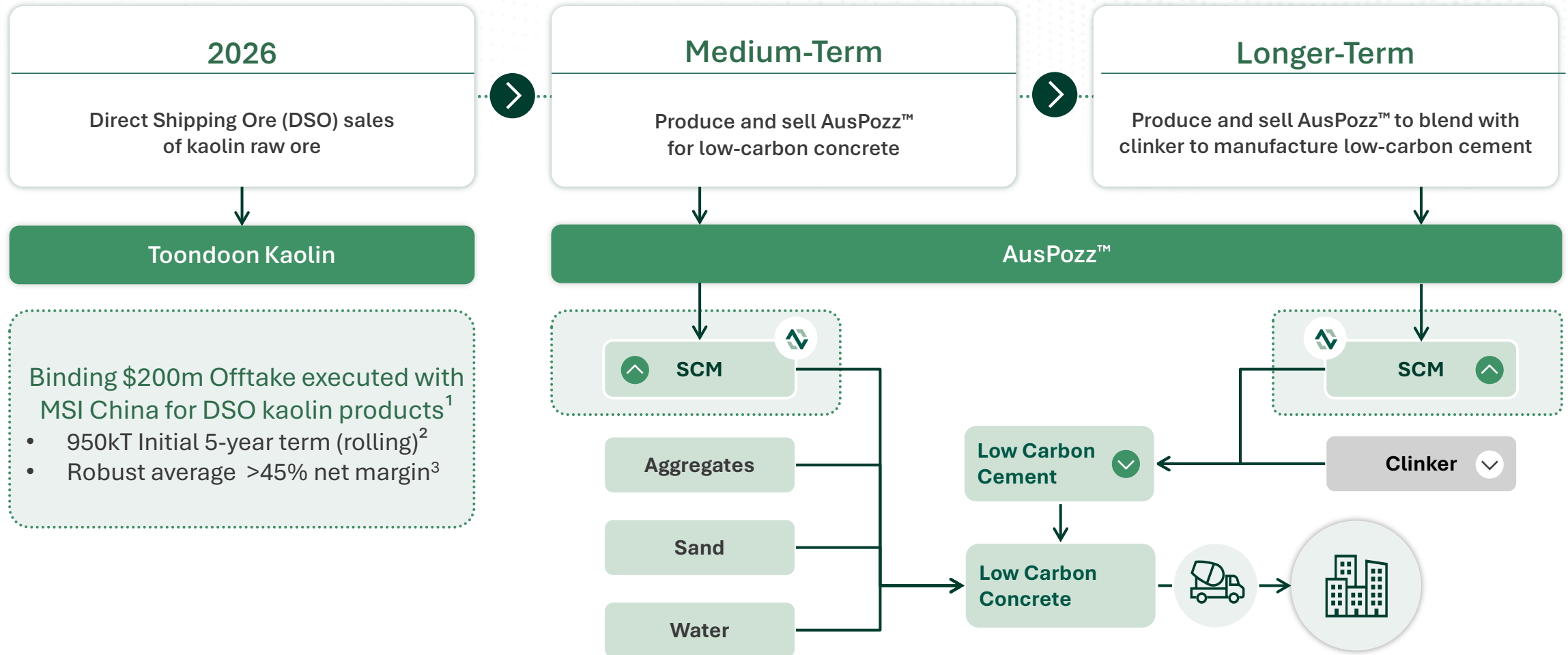
Laing O'Rourke – MoU signed Sep 2025

- Global engineering and manufacturing-led construction leader



Commercial Pathways

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



AusPozz™ feedstock for Zeolite Production (Horizon 2)

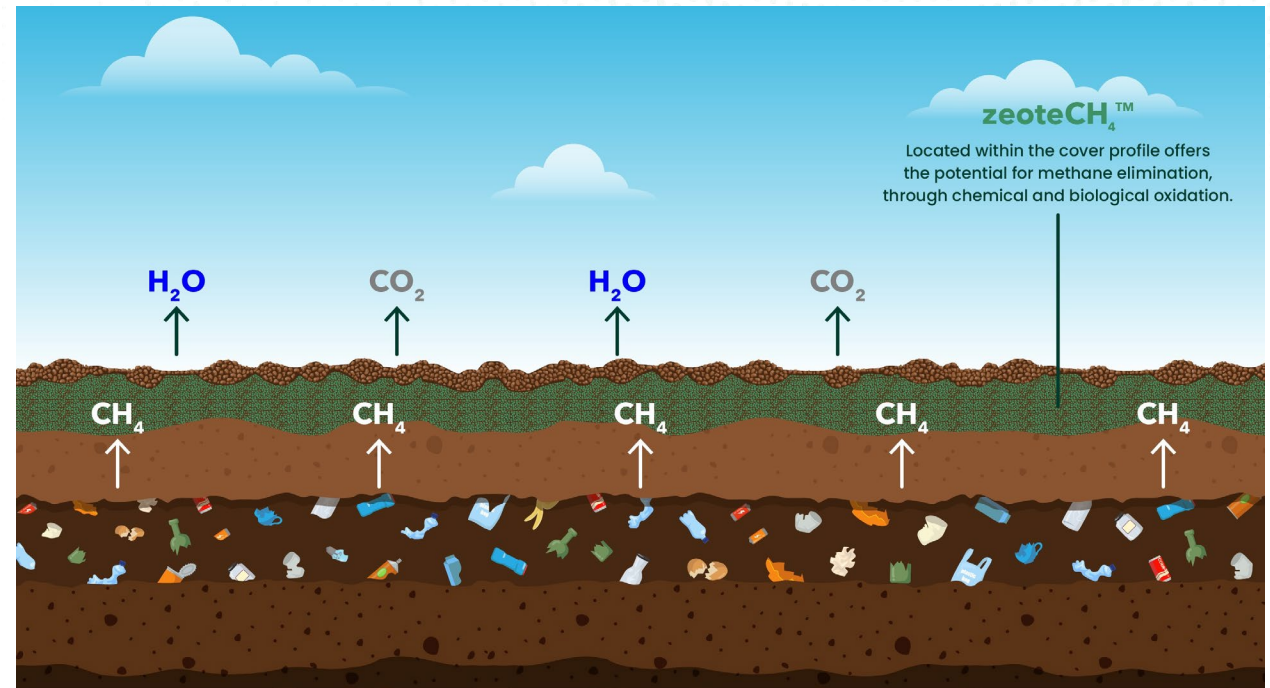
Developing the zeoteCH₄® product as a technology for controlling landfill methane emissions

Promising field trial results (May 2025) showed the strongest performing zeoteCH₄ biofilter consistently decreased methane emissions by more than 90% relative to the controls under simulated landfill configurations.¹

zeoteCH₄® products provided optimal conditions for methanotroph colonisation:

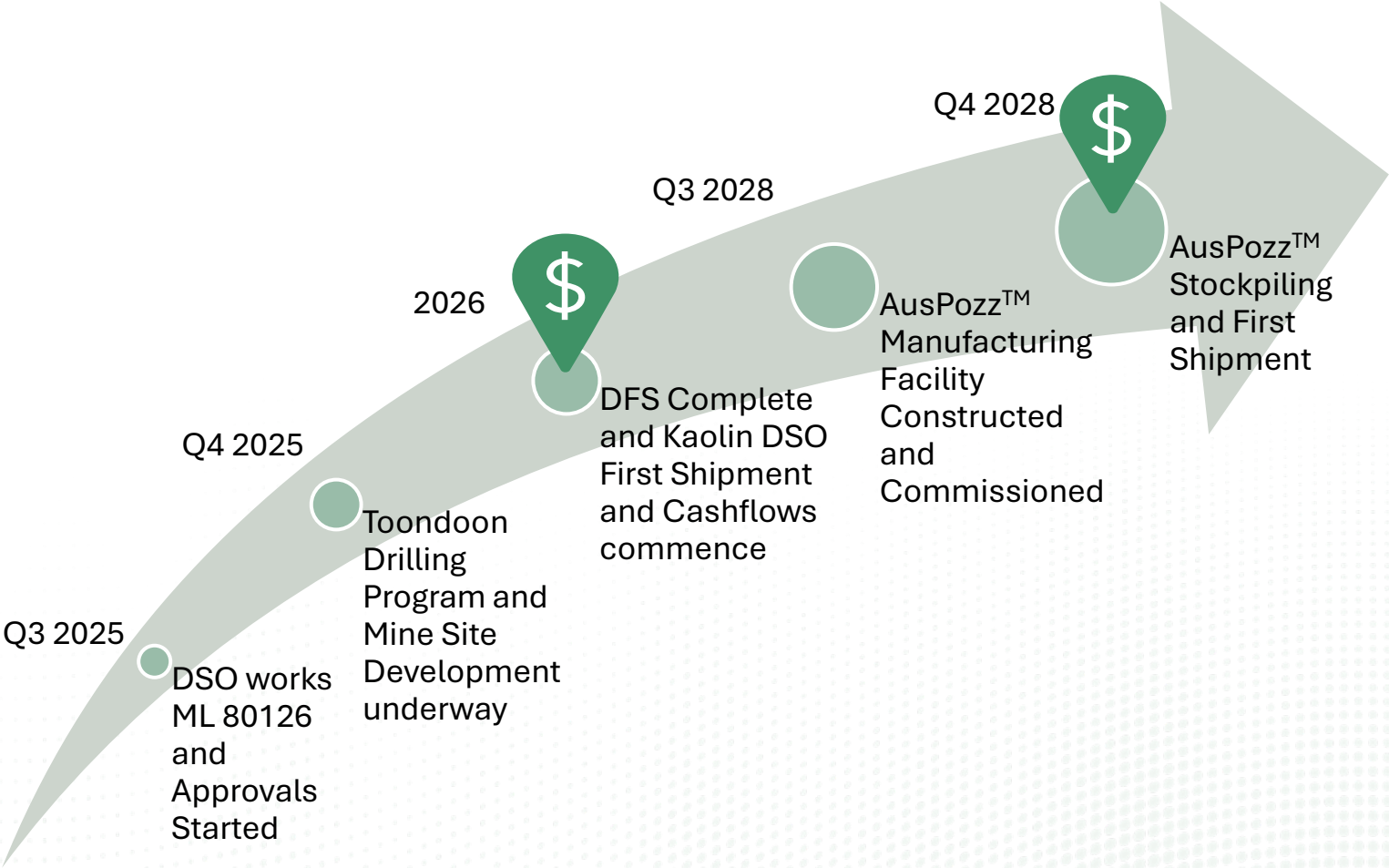
- having near 100% methane adsorption capacity
- high surface area of zeolites plays an important role by providing spaces for methanotrophs to colonise and protect them from being washed away, absorbing methane and moisture maintaining food source
- Creating favourable conditions for microbial growth; such as moisture retention and suitable pH levels

Provisional patent application titled 'Zeolites for Methane Control' was lodged with the Australian Patent Office June 24.²



Indicative Project Delivery Timetable¹

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





For Further Information

James Marsh
Chief Executive Officer

(+61) 7 3181 5523

james.marsh@zeotech.com.au

Level 1, Brisbane Technology Park, 7 Clunies Ross Court,
Eight Mile Plains, Queensland 4113, Australia

www.zeotech.com.au