



COMPANY PRESENTATION

August 2024

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Investment Highlights



Financial Improvement



Capital Intensive Projects Now Finished; Opex Optimised and Sales Continue to Trend Upwards

High-Margin Industries



Marketing Strategy Tailored to Premium, High-Margin Industries and Applications

Multi Decade Resource



Over 18mt¹ Of Inferred and Indicated JORC Compliant Kaolin Resources

Worldwide IP License



Low Carbon Geopolymer Concrete Formulation and Batching Plant

Global Megatrend Upside



2032 Forecast Global Geopolymer Market US \$40Bn, CAGR 20.9%

Commercial Partner



PERMAcast Is WA's Leading Supplier of Precast and Prestressed Concrete Products

Kaolin Operations

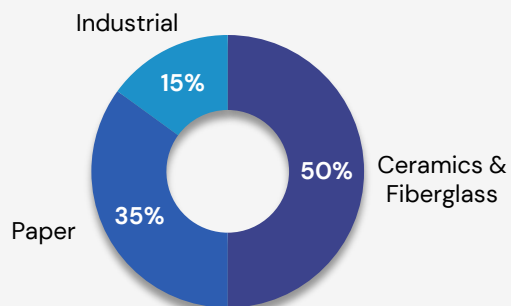
Compelling Kaolin Market Dynamics



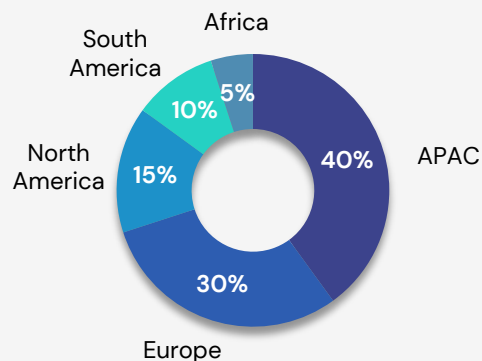
Kaolin is a white clay powder used in a broad range of industries

- Kaolin is used as a filler in paints, rubber and plastics; and in ceramics and refractory clays that can withstand high temperatures.
- Kaolin clay has proven to be an excellent extender for titanium dioxide in paint formulations.
- It offers good reinforcement properties, improving tensile strength, tear resistance and abrasion resistance in rubber compounds.
- It is a favourite constituent in pharmaceutical formulations because of its high purity and low toxicity. In tablets, capsules and powders it serves as a binder, diluent and filler.
- Suvo's hydrous kaolin is highly suited to low-volume, high-margin premium markets due to its high purity and low toxicity.

Demand by Industry¹



Demand by Region¹



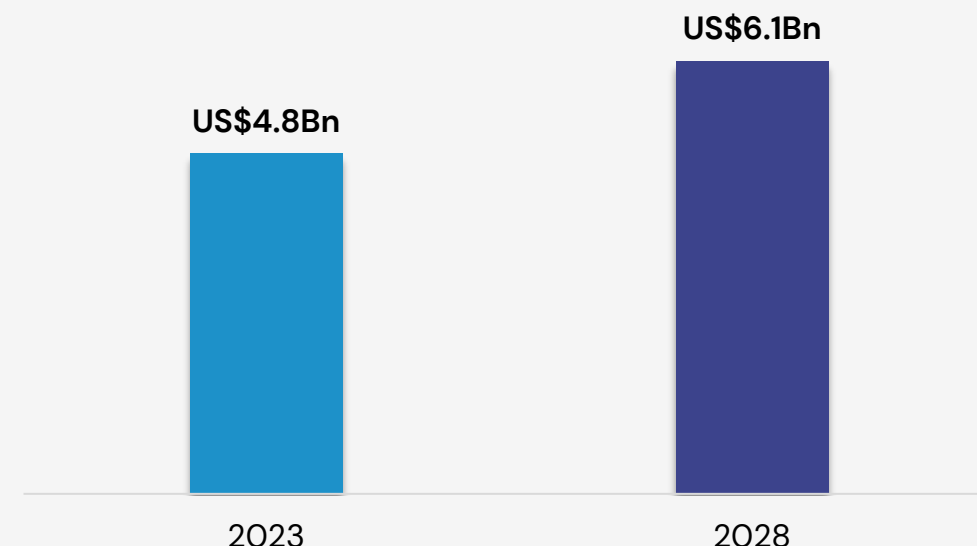
~US\$6.10BN

2028 forecast global kaolin market¹

~4.8%

Estimated CAGR between 2023 – 2028¹

Kaolin Market



Pittong Kaolin Operations



Pittong is a 100% owned Kaolin operation located 40km west of Ballarat in Victoria

- Pittong is the sole wet kaolin mine and processing facility in Australia and has been in operation since 1972.
- Total Indicated and Inferred Mineral Resource of 5.69mt indicating the potential for a multi decade mine life¹.
- Invested over \$5m into the facility since acquisition from Imerys S.A in 2021.
- In FY24 produced and sold circa 20k tonnes of kaolin; plant name plate capacity validated to be circa 60k tonnes².
- Marketing strategy tailored to premium, high-margin applications such as paints, coatings and pharmaceuticals.
- Pittong ore body highly suited to premium markets due to its high purity and low toxicity.
- Premium markets demand pricing up to \$2,000/per tonne; average price achieved in FY24 was \$601/per tonne.
- Capital intensive projects have finished; opex has been optimised and sales continue to trend upwards.

Brands: Suvo's long-standing customers and offtake partners



~\$12.3m

Revenue generated in FY24³

~\$601/t

Average price per tonne achieved³

Mine Site

Mining license approved to 2045

~9tonne/hr

Plant throughput²

Trawalla Kaolin Project – Feedstock for Low Carbon Concrete



Trawalla is a 100% owned kaolin project, located 23km from Pittong, Victoria

- Trawalla is a fully licensed and permitted mine in Victoria with a 12.7mt kaolin JORC compliant resource¹.
- Test work shows significant concentrations of Halloysite grades up to 45.4%.
- Studies to commence analysing a low-cost processing method; simple de-sanding and calcining for production of metakaolin.
- Metakaolin has been used in low carbon geopolymer concrete and as a supplementary cementitious material in the production of Portland cement concrete (PCC).
- When used as clinker substitute in cement can reduce CO₂ emission by up to 50%.
- Halloysite content in kaolin improves the structure of concrete.
- There is limited access to high quality aluminosilicates in Victoria and fly-ash is generated from low quality brown coal.

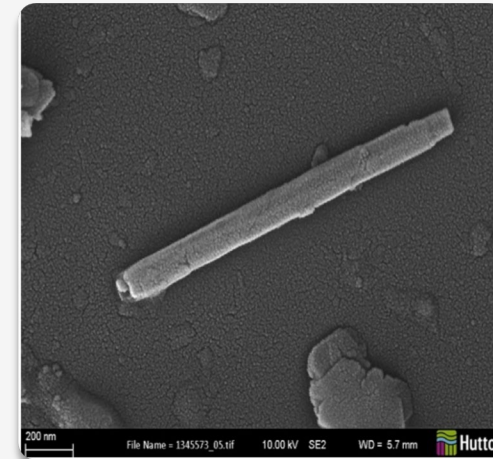


Figure 1: Trawalla Halloysite Nanotubes

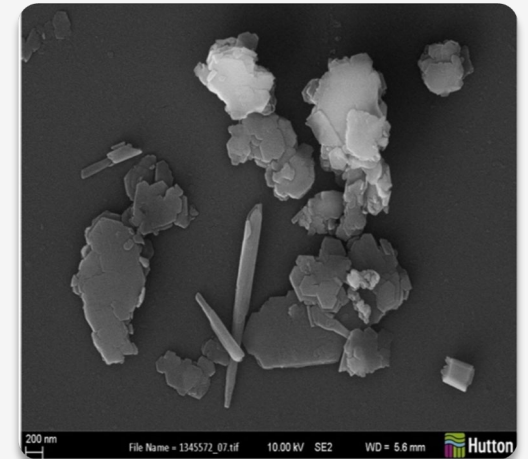


Figure 2: Trawalla Halloysite-Kaolin hybrid

~12.7mt

JORC Inferred & Indicated
resource¹

Halloysite

Grades up to 45.4%²

Mine Site

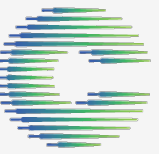
Fully licensed and permitted

Infrastructure

Power, gas, water and rail near
mine site

Geopolymer Concrete

Market Opportunity



Rapid growth driven by emission reduction targets by industry



2nd Most Consumed

Cement is second to only water as the most consumed resource on the planet



3rd Largest Emitter

If the cement industry were a country, it would be the third largest emitter of greenhouse gases



8.0% of Global Emissions

As core ingredient of concrete, cement is the source of 8% of the world's CO₂ emissions, equivalent to the global car fleet



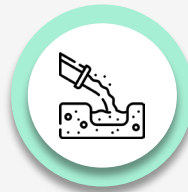
4 Billion Tonnes

Cement production equates to 4 billion tonnes annually with demand expected to grow to five billion in the next decade



-16.0% Reduction Target

Annual emission from cement must fall by 16% by 2030 to align with the Paris Accords



2.2 Billion Tonnes of CO₂

The worldwide production of cement results in 2.2 billion tonnes of CO₂ per year

~US\$40.0BN

2032 forecast global Geopolymer market¹

~20.9%

Estimated CAGR between 2023 - 2032¹

Geopolymer Market



¹. <https://www.imarcgroup.com/geopolymer-market>

Significant Requirement For Low Carbon Options



Low carbon options are being pulled into market

Benefits of Geopolymer Concrete

Cost Effective

Enhanced durability reduces need for frequent repair and maintenance, reducing total cost over the concrete's lifespan

Strength & Durability

Exhibits superior strength and durability compared to conventional concrete

Efficiency in Production

Ability to reduce CO₂ emissions of total project, in-line with new construction standards



Market Drivers

Net Zero by 2050

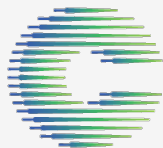
The Global Cement & Concrete Association (GCCA) is calling for complete decarbonisation by 2050

40% – 60%

Of concrete sales comprise national, regional and local governments and agencies globally

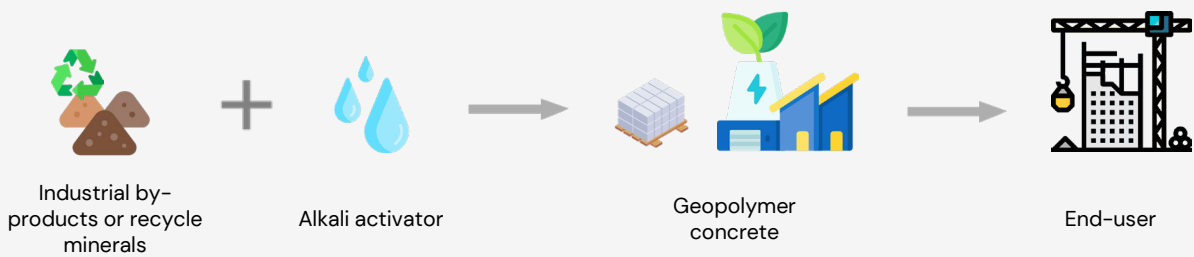
6 Countries

Are in the vanguard of adoption low carbon concrete and construction rules, and green procurement policies










Partner appointed to deliver low carbon products and projects

- Continued rises in energy prices and challenges with supply chains has resulted in increased prices for traditional cement options available to the construction industry.
- Increased prices coupled with the adoption of green and net zero targets following increasing ESG regulation in the construction industry has presented the need for a low carbon concrete alternative for industry players, with immediate market need.
- Under the new geopolymers concrete (GPC) strategy, Suvo is seeking to commercialise GPC following the development of the Company's licensed GP technology.
- Suvo has successfully culminated multiple lab scale geopolymers concrete solutions which showed promising results, the trials ran tests comprising five samples in each test returning an average compressive strength of 27 megapascal (MPa) up to 52MPa¹.
- Suvo has produced and delivered its first GPC product, a series of 1,000mm x 350mm x 350mm backing blocks to be used for a major Government infrastructure project².



Key Milestones

-  Execute Joint Development Agreement (JDA)
-  Formulate and test a range of GPC formulations
-  Execute supply agreements for industrial by-products
-  Execute MOU's (Offtakes and other)
-  Finalise GPC formulations and products
-  Commercial pilot and scale-up for commercial production
-  Commence large scale commercial production and supply to market

1. ASX announcement 3 November 2023, 10 November 2023 and 13 June 2024
2. ASX announcement 1 August 2024

Joint Development Agreement



WA's leading supplier of precast and prestressed concrete products



Photo 1: PERMAcast Facility

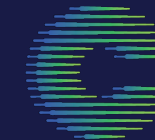


50 / 50
Joint Venture



Photo 2: 1,000mm x 350mm x 350mm Geopolymer Backing Blocks

PERMAcast
Engineered for Efficiency

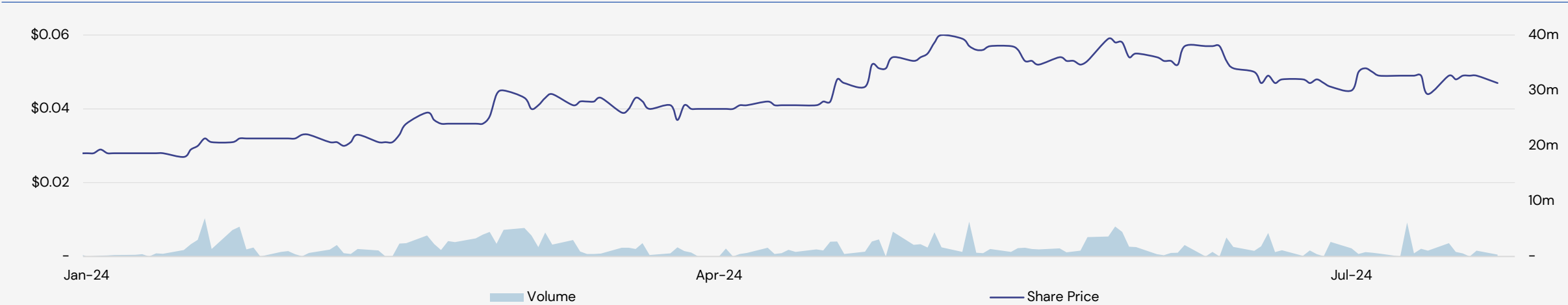


**CLIMATE TECH
CEMENT**

- Privately owned Company employing over 400 people.
- Notable projects include Chevron Gorgon Gas Project and Perth Optus Stadium.
- PERMAcast offers a clean avenue for scale-up and industry validation.
- PERMAcast will provide the necessary funding for the project.
- Climate Tech Cement (CTC) (wholly owned subsidiary of Suvo) will identify and characterize various waste derived inputs for the GPC.
- CTC will create various mix designs meeting 10, 20, 30, 40MPa and maximum strength attainable.
- CTC and PERMAcast will assess and determine preferred route to market.

Appendix

Corporate Overview



CORPORATE SNAPSHOT (31/07/2024)	
Shares on Issue	~967.8m
Options & Performance Rights	97.8m
Share price	\$0.050
Market capitalisation	\$48.4m
52-week high	\$0.061
52-week low	\$0.025
Cash & Cash Equivalents (30 June)	\$3.1m

TOP SHAREHOLDERS (31/07/2024)		
Shareholder	Shares (m)	%
Mr Aaron Peter Banks	73.7	7.6
Melbourne Securities Corporation Ltd	64.9	6.7
Mr Christopher Weed & Mrs Janet Brockman	50.3	5.2
Mr Peter Mark Lewis	20.0	2.1
Mr Robert Kingsley Fitzgerald	17.0	1.8
Ratdog Pty Ltd	16.1	1.7
Dixon Trust Pty Ltd	12.7	1.3
Bearay Pty Limited	11.7	1.2
Total	266.4	27.6

Experienced Board & Senior Management



Aaron Banks
Executive Chairman



Mark Pensabene
Non-executive Director



Oliver Barnes
Non-executive Director



Bojan Bogunovic
Chief Executive Officer



Hanno Van Der Merwe
Chief Operating Officer

- A specialist business consultant with over 20 years' experience in contract negotiations and business development including senior roles in sales, marketing and construction management. In 2015, as founder & Managing Director of Australian Silica Pty Ltd, Mr Banks discovered one of the largest high grade silica sand resources in the world.
- Over 20 years of operational and management experience in the engineering and construction sectors. Mark spent 18 years with ASX-200 Company, Monadelphous Group, where he held a number of general manager roles. Most recently, Mark was the Executive General Manager & Chief Operating Officer at Primero Group, subsidiary of ASX listed NRW Holdings, a company specializing in the provision of EPC services in the Western Australian and North American mining sectors.
- Over 25 years' experience in natural resources and asset development with expertise in carbon, rural development, ESG and clean technology commercialisation. Mr Barnes was previously the Managing Director of an ASX listed land and water developer and held a senior role with an ASX listed phosphate technology company. He holds a Bachelor of Science in Agriculture Business Management.
- Qualified Chartered Accountant with a Bachelor of Commerce from Curtin University. Mr Bogunovic has extensive experience in the exploration, construction and mining industries in Australia and overseas. Mr Bogunovic has held senior financial roles with a number of ASX listed mining and exploration companies. Mr Bogunovic was the Company Chief Financial Officer and Chief Commercial Officer before his appointment as Chief Executive Officer.
- Over 25 years' experience in Estimating, Project Management, and Production Management, holding qualifications in Production Engineering and a Master of Business Management. Delivered of a number of highly successful projects in Australia and Africa, holding senior management roles in the mining, oil and gas, renewable energy industries.



For Further Information

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