

Investor Presentation

Full Year Results FY23 Entyr Limited (ASX: ETR) 14 September 2023

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MULTIPLE ENVIRONMENTAL APPROVALS





CIRCULAR ECONOMY



SCALABLE OPERATIONS

THE COMPLETE CIRCULAR SOLUTION FOR THE GLOBAL WASTE TYRE PROBLEM



CLEAN ENERGY (GAS)



RECYCLED STEEL



TYRE DERIVED FUELS



RECOVERED CARBON BLACK

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Who we are

Entyr Limited

is an Australian company with unique technology that has the potential to play a significant role in solving the global waste tyre problem.

What we do

Solving the waste tyre problem Our patented thermal desorption technology cleanly converts end-of-life tyres into valuable products, (fuel, carbon, steel) using heat in an oxygen free environment.

We are a complete environmental and circular solution.



FY23 Highlights

Operations

- Key infrastructure enhancements were made including the installation of a Rasper, Tank farm, and Shredder.
- Operational throughput milestone with a rolling 30-day average of 750 tonnes.
- Yard improvements encompassed hardstand resurfacing, ring road development, and first flush drainage device installation.

Financials

- Record revenue of \$5.4 million (FY22: \$2.9 million)
- NPAT of -\$10.2 million (FY22: -\$8.5 million)
- Cash balance of \$2.1 million as at 31 August 2023
- Funded to deliver immediate FY24 goals

Growth strategy

- First gen plant overhaul & infrastructure installation underway with production recommencement in FY24.
- Growing interest from Government and potential strategic funding and offtake partners.
- Successful Victorian Roads trial using rCB was also completed during the year further promoting rCB's market adoption.

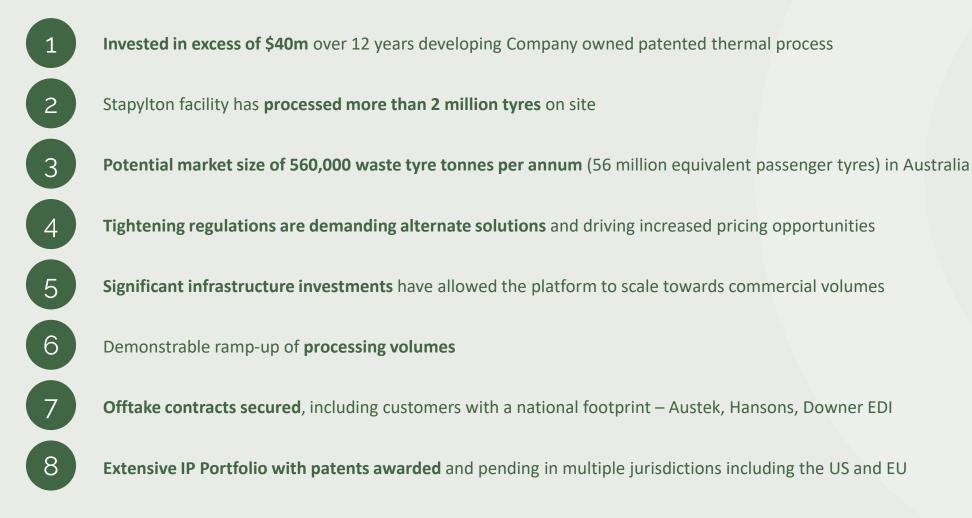
Key metrics

| REVENUE | TYRE COLLECTION PRICE | |
|--------------------------|--------------------------------|--|
| \$5.4m (+88% YoY) | \$487 ASP (+34.5% YoY) | |
| | | |
| TYRE COLLECTION | TDU'S PROCESSED | |
| VOLUME | VOLUME | |
| 9,549 tonnes (+71% YoY) | 3,195 tonnes (+41% YoY) | |
| | | |
| TYRE CUSTOMER | | |
| GROWTH | CAPITAL INVESTMENT | |
| 601 customers (+29% YoY) | \$3.6m (+27% YoY) | |



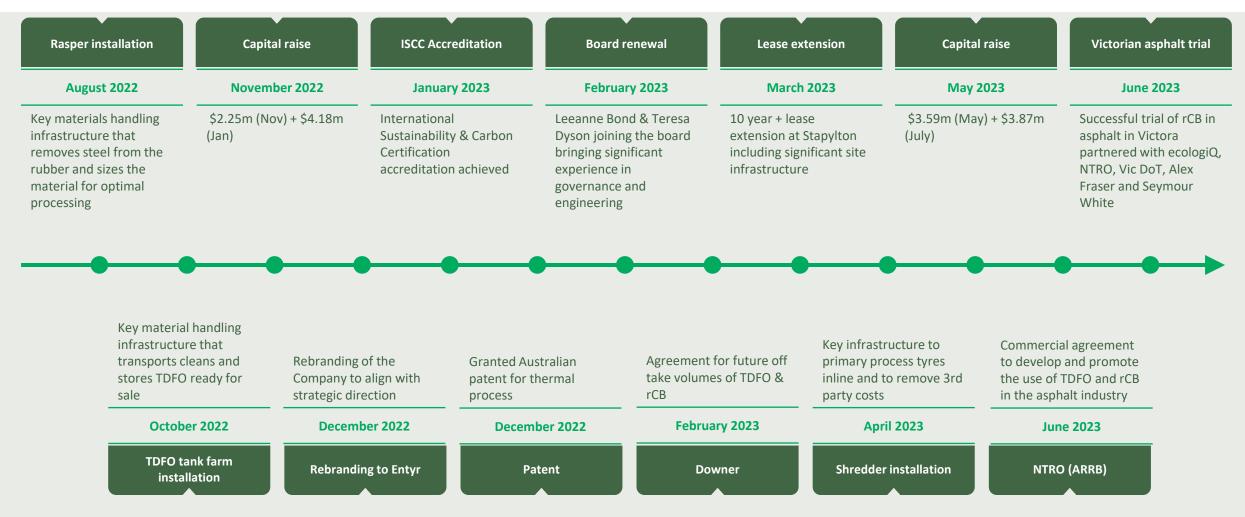
Investment highlights

Company well positioned to achieve commercialisation and sell into a high-volume market that can absorb all offtake produced by Entyr now and in the future





FY23 achievements





Performance against 2023 operational goals

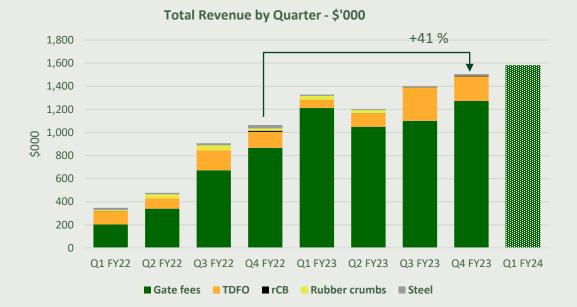
| Infrastructure delivery | Optimise collections customer base | Grow off-take customers | Expansion |
|--|---|--|--|
| Objective 1 | Objective 2 | Objective 3 | Objective 4 |
| ✓ Complete installation and commissioning bulk TDFO handling system and tank farm ✓ Complete installation and commissioning of Stage 1 TDU Feed – Rasper unit ✓ Installation and commissioning of Stage 2 TDU feed – shredder unit ✓ Installation and commissioning of new carbon separation tower and bagging unit | ✓ Increase customer density target zone 1 & 2 (>85%) ✓ Maximise gate rates with price increases early FY23 (>\$50/tonne) ✓ Grow collections capability additional truck capacity when required ✓ Customer service implementation of Opmetrics CRM system and customer portal | TDFO customer growth 3rd and 4th customer coming on line H1 FY23 QLD Transport & Main Roads dept approval rCB expected in H1 FY23 rCB customer growth will follow QLD Transport & Main Roads dept approval and expected in H1 FY23 Enhance global growth option | ✓ Recruitment & retention Return to 24/7 Sep 22 ✓ Skills development Cert 3 program ✓ Operational leadership Build shift leadership capability |

✓ Achieved

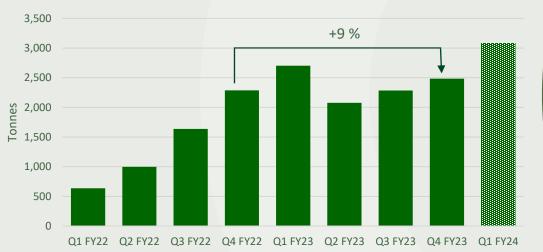


Improvement in key strategic focus

Increasing production volumes to drive operating leverage from predominantly fixed cost base



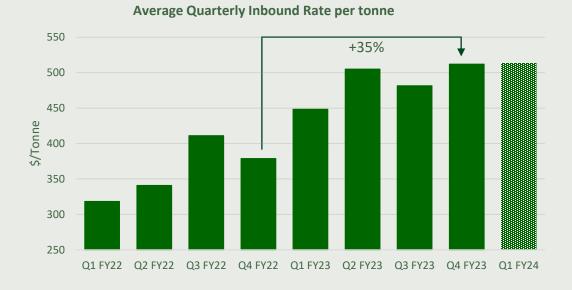
- Revenue continues to grow quarterly with a 41% YoY increase for Q4
- Inbound tyre volume shows consistent growth with a 9% YoY increase for Q4

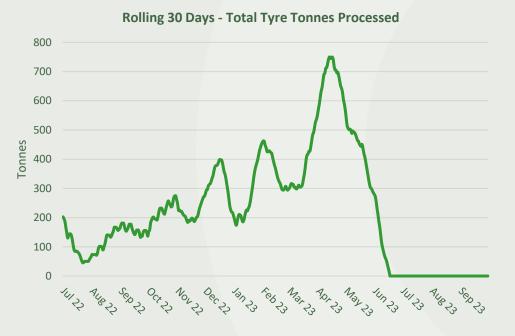


Inbound Tyre Volumes by Quarter - tonnes



Improvement in key strategic focus (continued)





- The positive trend in the collection price continues which increased 35% YoY for Q4 from \$379 per tonne in Q4 FY22 up to \$512 per tonne in Q4 FY23.
- Entyr achieved a 30-day rolling production volume of 750 tonnes during the month of April 2023 before winding back thermal processing in May 2023 to commence installation of new infrastructure and plant.

End-of-life tyres are an unresolved large scale global issue



Creator: Exclusivepix | Credit: Exclusivepix 7 June 2013

Every year approximately **1 billion of waste tyres are generated**. However, the recycling industry **processes only 100 million tyres every year. Leaving 90% to be stockpiled, buried or burnt.** Tyres are indestructible in nature making them inherently difficult to recycle.

Source: Global Tire Recycling Market Analysis 2025 Report: Opportunity, Demand, Growth and Forecast 2017-2025

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The scale of issue in Australia



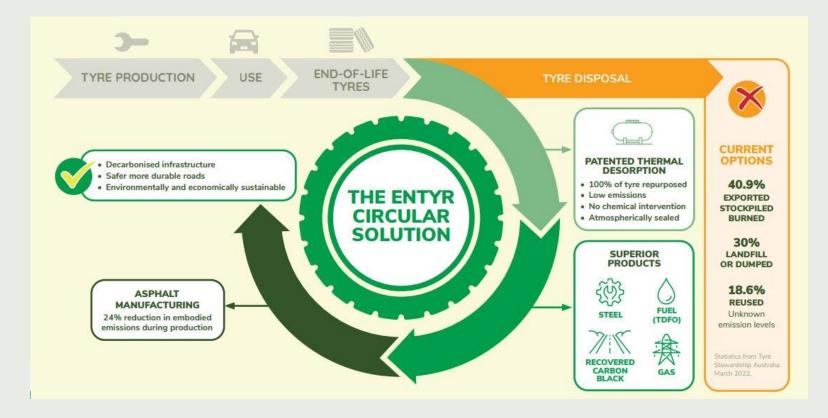
1. Source: National Waste Policy Action Plan 2019, Federal Government

2. Source: South Carolina Department of Natural Resources - https://stacker.com/stories/2682/how-long-it-takes-50-common-items-decompose



Circular solution

Globally unique IP and proven low energy, low-cost tyre processing and re-purposing



- ✓ Diversion from landfill
- ✓ No exporting of tyres for burning
- ✓ Low emissions through out process
- ✓ Value adding products
- ✓ CO2-e saving benefits
- ✓ Decarbonising infrastructure
- ✓ More durable safer roads
- $\checkmark\,$ Does not prevent asphalt from being recycled
- ✓ Circular sustainable outcome for tyres

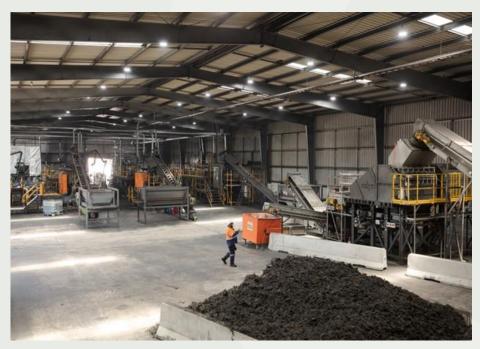


Patented thermal desorption unit (TDU) technology

Entyr's low energy, low emission technology is the only environmental licensed technology of its type in Australia

- Low thermal energy continuous process (not batch) that applies only heat (no acids or chemicals) in an oxygen free environment.
- Key to the I.P. is the variation of time, temperatures and agitation that is applied to each piece of rubber within the reactor, that allows low and "clean" emissions.
- High quality products produced due to baking not burning/incinerating unlike Pyrolysis processes that use high temperature, high heat which destroys product quality and environmentally unfriendly emissions.
- Scalable infrastructure with modular design and low capital costs.
- Only company environmentally licensed in Australia to treat used tyres thermally. Strong environmental practices.

Our clean processing technology is patented in Australia, the USA and with a European patent under examination.

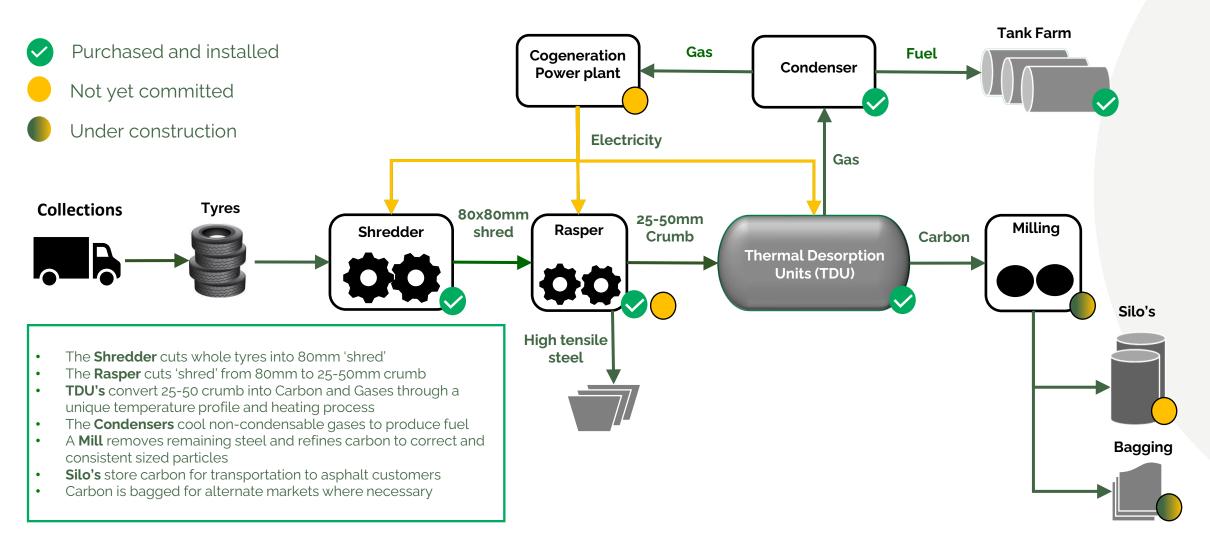


Thermal desorption units (TDUs) and Rasper



Manufacturing process

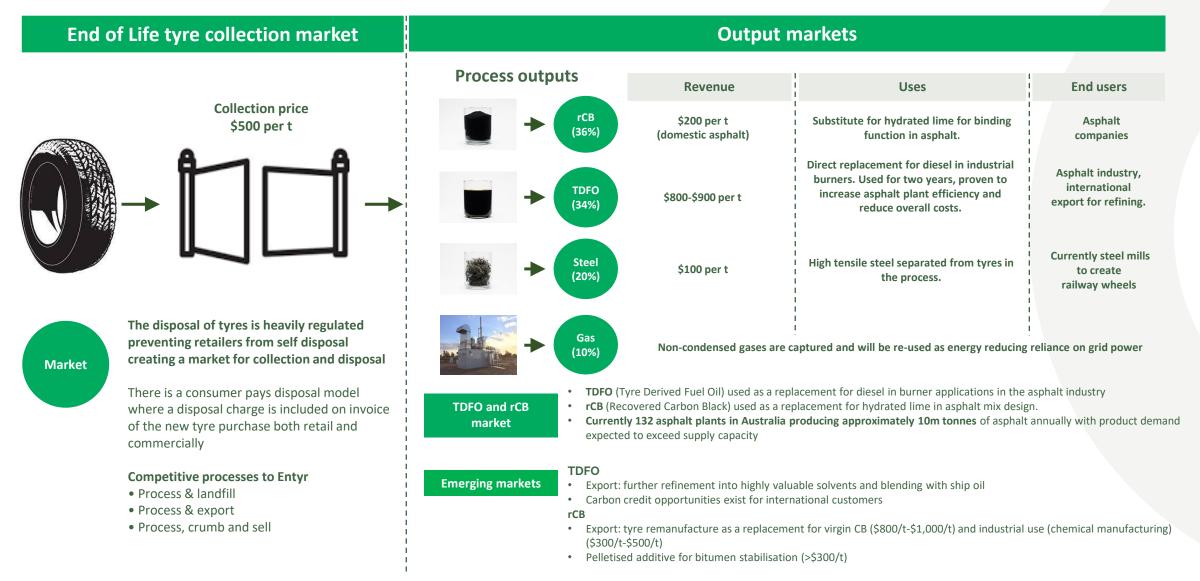
Entyr is developing a market leading end-to-end tyre recycling solution with further production capabilities to be acquired

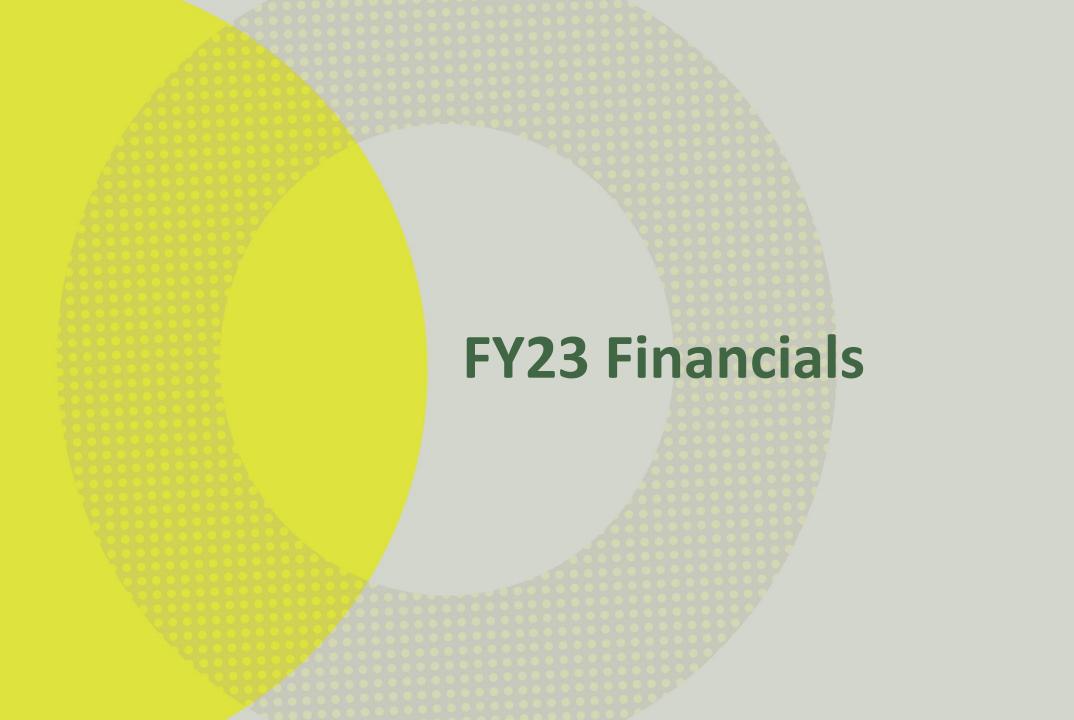


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Business model target markets

Entyr provides tyre collection solution and technology delivering high-value end-products to attractive markets







Profit & Loss

Revenue

- 88% increase YoY with significant increase in collections revenue driven by both price and volume
- \$4.6m relates to revenue from the collection of end-of life tyres
- \$0.7m from the sales of tyre-derived products

Other income

 Includes \$7.8m R&D grant revenue (\$1.5m deferred on the balance sheet from instant asset write off impact)

Costs

- \$21.3m reflects trialing 24/7 operations at an incomplete site:
 - Increased plant & equipment hire including 3rd party shredder
 - Outsourced repairs & maintenance while investing in internal capabilities
 - Operating inefficiencies related to operational trial while installation of new infrastructure and plant commenced
 - Disposal of shred and stored rCB
 - Yard resurfacing costs

| A\$m | FY23 | FY22 | % |
|--------------------------------|--------|--------|--------|
| Revenue | 5.4 | 2.9 | 88% |
| Other income | 8.2 | 8.8 | (7%) |
| Total income | 13.6 | 11.7 | 16% |
| Operating expenses | (14.6) | (10.3) | (42%) |
| Employee benefit expenses | (2.9) | (2.6) | (11%) |
| Other expenses | (3.8) | (3.5) | (8%) |
| Costs | (21.3) | (16.4) | (30%) |
| Depreciation | (3.0) | (2.2) | (36%) |
| Amortisation of intangibles | (0.2) | (0.1) | (104%) |
| Impairment expense | (0.3) | (0.3) | 6% |
| Finance costs | (0.5) | (0.3) | (62%) |
| Loss before income tax | (11.7) | (7.6) | (54%) |
| Income tax benefit / (expense) | 1.6 | (0.9) | - |
| Net profit/(loss) after tax | (10.2) | (8.5) | (20%) |

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Balance Sheet

Cash

• \$1.3m closing position boosted by \$3.7m capital raising receipts in July

Net current assets

- Current Ratio 1.6
- Includes expected FY23 net R&D receivable of \$8.4m

Non-current assets and liabilities

- PP&E increase reflects capital investment
- Increase of right-of use assets and lease liabilities primarily relates to the Stapylton 10-year lease extension
- Financial liabilities include R&D financing and hire purchase obligations

Net assets

• \$14.4m consistent with last year

| A\$m | FY23 | FY22 | % |
|-------------------------------|--------|--------|-------|
| ASSETS | | | |
| Cash and cash equivalents | 1.3 | 1.6 | (17%) |
| Trade and other receivables | 10.0 | 9.7 | 4% |
| Other | 0.2 | 1.0 | (77%) |
| Total current assets | 11.6 | 12.3 | (5%) |
| Property, plant & equipment | 8.1 | 6.0 | 34% |
| Right-of-use assets | 6.2 | 2.0 | 207% |
| Other | 3.3 | 3.6 | (8%) |
| Total non-current assets | 17.6 | 11.6 | 52% |
| Total assets | 29.3 | 23.9 | 22% |
| LIABILITIES | | | |
| Trade and other payables | 2.9 | 3.2 | (8%) |
| Financial liabilities | 2.7 | 1.1 | 152% |
| Other | 1.5 | 2.1 | (28%) |
| Total current liabilities | 7.1 | 6.3 | 12% |
| Lease liabilities | 5.9 | 1.2 | 395% |
| Other | 1.8 | 2.0 | (8%) |
| Total non-current liabilities | 7.8 | 3.2 | 143% |
| Total liabilities | 14.8 | 9.5 | 56% |
| Net assets | 14.4 | 14.4 | (0%) |
| EQUITY | | | |
| Issued Capital | 59.5 | 49.5 | 20% |
| Options reserve | 0.2 | 0.0 | 820% |
| Accumulated losses | (45.3) | (35.1) | (29%) |
| Total equity | 14.4 | 14.4 | (0%) |

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Cash Flow

Operating

- Includes \$8.9m R&D grant receipts relating to FY21 & FY22 tax years
- Extended 24/7 operations

Investing

Capital spend of \$3.6m vs \$2.9m in FY22

Financing

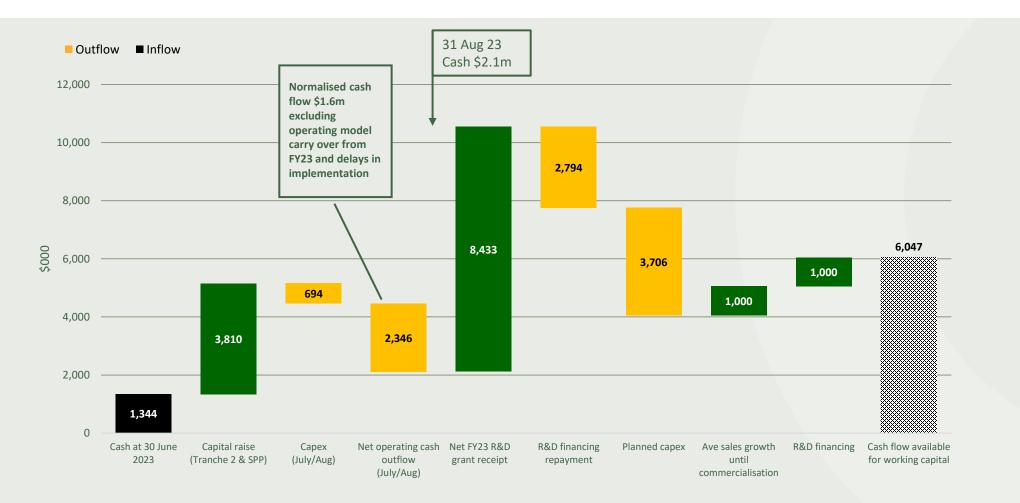
- Includes \$10.7m gross proceeds from share placements and SPP (related costs included in other)
- Proceeds and repayment of borrowings includes R&D financing across the year
- Other includes the repayment of lease liabilities and share/options issue costs

| A\$m | FY23 | FY22 |
|---|--------|--------|
| Receipts from customers | 6.2 | 3.3 |
| Payments to suppliers and employees | (22.6) | (13.9) |
| Government R&D grant | 8.9 | 0.0 |
| Other | (0.2) | (0.2) |
| Net cash outflow (Operating activities) | (7.6) | (10.8) |
| Purchase of property, plant & equipment | (3.6) | (2.9) |
| Other | 0.4 | 0.2 |
| Net cash outflow (Investing activities) | (3.2) | (2.7) |
| Proceeds from issue of shares | 10.7 | 13.9 |
| Proceeds from borrowings | 7.4 | 1.4 |
| Repayment of borrowings | (5.8) | (1.5) |
| Other | (1.7) | (1.6) |
| Net cash inflows (Financing activities) | 10.6 | 12.1 |
| Net (decrease)/increase in cash | (0.3) | (1.3) |
| Cash at the beginning of the financial year | 1.6 | 3.0 |
| Cash at the end of the financial year | 1.3 | 1.6 |



Funding outlook

Cash funding profile from 30 June 2023 through to plant operational start up





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FY24 operational goals

Feedstock revenue

- Grow collection volume to 1500t per month
- Increase tyre collection ASP to \$550/t
- Reduce collection costs by 10%
- Introduce contracts for tyre collection customers

Operational capability

- Complete planned infrastructure program on time and on budget:
- Milling & bagging unit
- Electrical, hydraulic and pneumatic upgrades
- New gas management system
- DCS
- Recruit and train required work force for full operations
- Operation of plant at between 1000 to 1500t per month rate

Offtake

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- Sales of 100% off take of manufactured TDFO
- Sales of 100% offtake of manufactured rCB
- International opportunity identified for high quality, high value rCB

Expansion

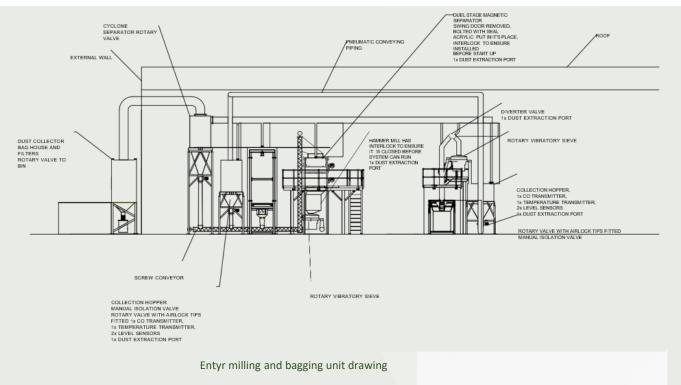
- Government funding assistance
- Strategic partner opportunities
- Engineering & design of 2nd plant
- Commence second site
- Build domestic and global brand awareness



Operational capability

Key infrastructure update - Infrastructure to be completed December 2023

- Milling and Bagging unit
 - This critical piece of materials handling infrastructure is responsible for receiving the recovered carbon black from the thermal desorption units, milling it to a consistent particle size to meet product specifications, removing fine steel particles and then bagging in to up to 2 tonne bags.
 - This new Milling and Bagging replaces the first generation units that were not fit for purpose, were a significant HSE risk, had reached the end of their structural life and could not deliver the consistent quality product required for commercialisation
 - The new unit costing approx. \$1.9m is a stateof-the-art facility fully enclosed (no dust) capable of delivering a high-quality consistent product at 20000t plant capacity
 - Completion of the project is expected in December 2023



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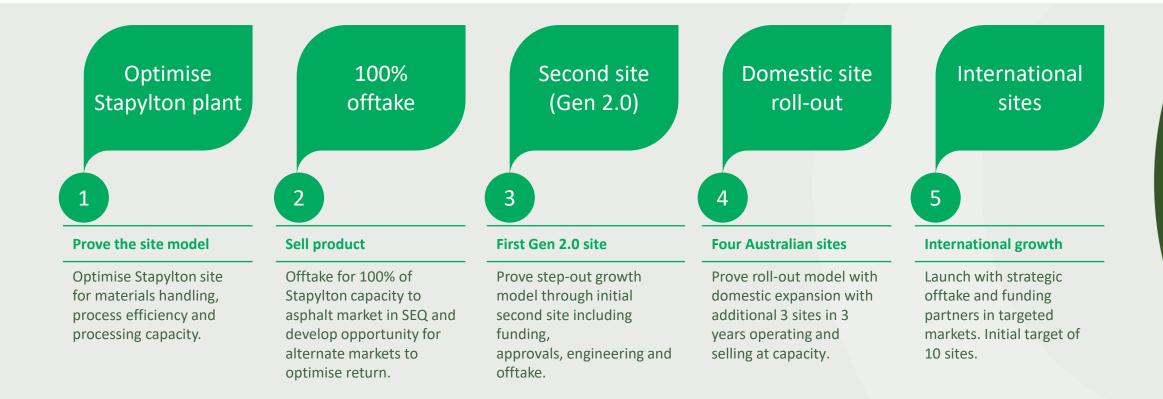
Operational capability

Key infrastructure update (continued)

- Electrical, hydraulic and pneumatic upgrades
 - This replaces original first generation plant equipment that was not fit for purpose and was unreliably running at the volumes required for commercialisation
 - The new equipment costing approx. \$ 0.6m are specified for the reliability and maintainability requirements when the plant is operating at planned capacity
 - Completion is expected in December 2023
- Gas management system
 - This is replacing the original first generation plant system that is unreliable and has a high level of maintenance requirements causing significant down time and inefficient TDFO production.
 - The new system costing approx. \$0.8m will increase TDFO production efficiency reduce maintenance increasing plant availability and lower maintenance costs
 - Completion is expected in December 2023
- DCS
 - Costing approx. \$0.4m this is replacing the current first generation control system that was on an unreliable platform and had a low level of sophistication requiring significant human intervention and input.
 - The new DCS is built on SCADA cloud-based platform offering reliability and remote access. It is built with a high level of sophistication providing increased levels of data feedback and automation that requires minimal human intervention reducing the risk of operator error
 - Completion is expected in November 2023

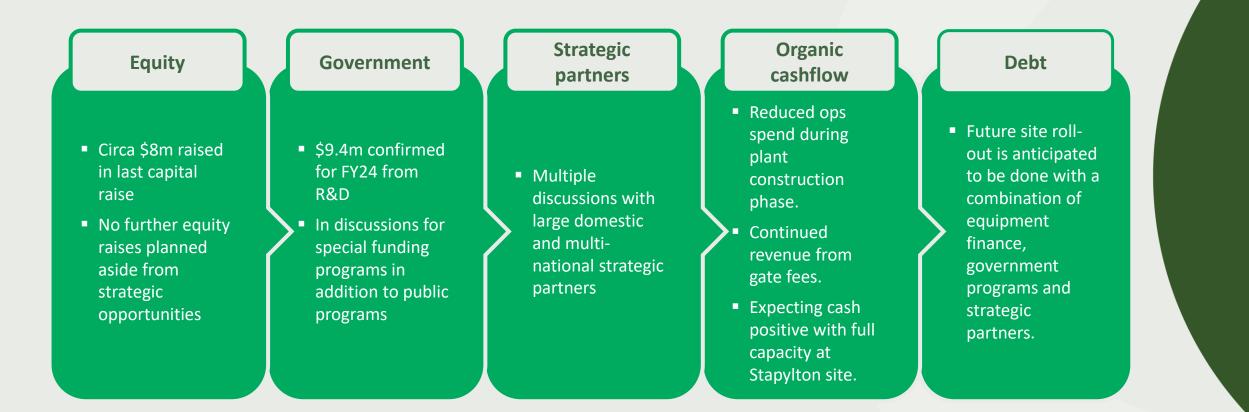


Strategic goals to deliver shareholder value





Strategic funding roadmap





Board and Management

Highly experienced across the globe, from engineering and environmental management to international trading and commodities.



David Wheeley (CEO)

For the past 20 years, Mr. Wheeley has successfully led both corporate and private waste management, manufacturing and distribution businesses. Most recently he was General Manager of Cleanaway Waste Management's Solid Waste Services Queensland. He has also held a range of leadership roles as Chief Executive Officer at Hynds, Managing Director at Hygrade Water, and Executive General Manager at Holcim. David has deep experience in Industrial and manufacturing sectors and is a corporate strategic specialist with strong leadership skills.



Christy Hayes (Interim CFO)

Ms. Hayes is a finance professional with over 25 years 'experience leading Australian and International finance teams across multiple industries. Most recently, Ms. Hayes was Chief financial officer at eftpos Payments Australia for 4 years where she partnered with the CEO and Executive team through significant strategic growth, M&A activities, R&D, and technology infrastructure development. Ms. Hayes holds a Bachelor of Commerce from the University of Queensland, is a Chartered Accountant and a graduate of the Australian Institute of Company Directors.



Michael Barry (Chairman)

Mr. Barry's executive career included 10 years in senior executive roles at Boral Limited, including Regional General Manager for the Western Australian and South Australian Construction Materials operations. Most recently Mr. Barry was CEO of MSF Sugar Limited for 13 years up until 2020.



Leeanne Bond (Non-Executive Director)

Ms. Bond is a respected professional engineering executive, board Chairperson and independent non-executive company director of private, ASX listed, public sector and professional organisations primarily operating in Australasia and the Americas. Ms. Bond's executive career spans a range of industrial sectors infrastructure, water, energy, power, oil and gas, minerals, and postgraduate education.



Lindsay Barber (Non-Executive Director)

Mr. Barber has deep experience in all facets of the construction industry. He commenced his career in 1984 with Jennings Industries. Mr Barber joined Johns Lyng Group as General Manger in 2005 transitioning to Chief Operating Officer in 2010. Mr. Barber led the Johns Lyng Group to IPO successfully floating on the ASX in 2017 raising \$100million on a \$220million market capitalisation. Post listing more than 15 acquisitions have been completed, the most recent being a USA company for AU\$200million led by JP Morgan and Moelis Australia.



Teresa Dyson (Non-Executive Director)

Ms. Dyson is an experienced company director, whose career has spanned both the public and private sectors. Ms. Dyson is an admitted lawyer and has previously been a partner at a global law firm and professional services firm. Throughout her career as a business executive, Ms. Dyson has delivered strategy across the financial services industry, transport, energy and resources sectors, as well as infrastructure projects. Ms. Dyson has a strong background in ESG governance.



On the road to a greener future



Pound road – road trial photograph courtesy Seymore Whyte & Alex Fraser

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