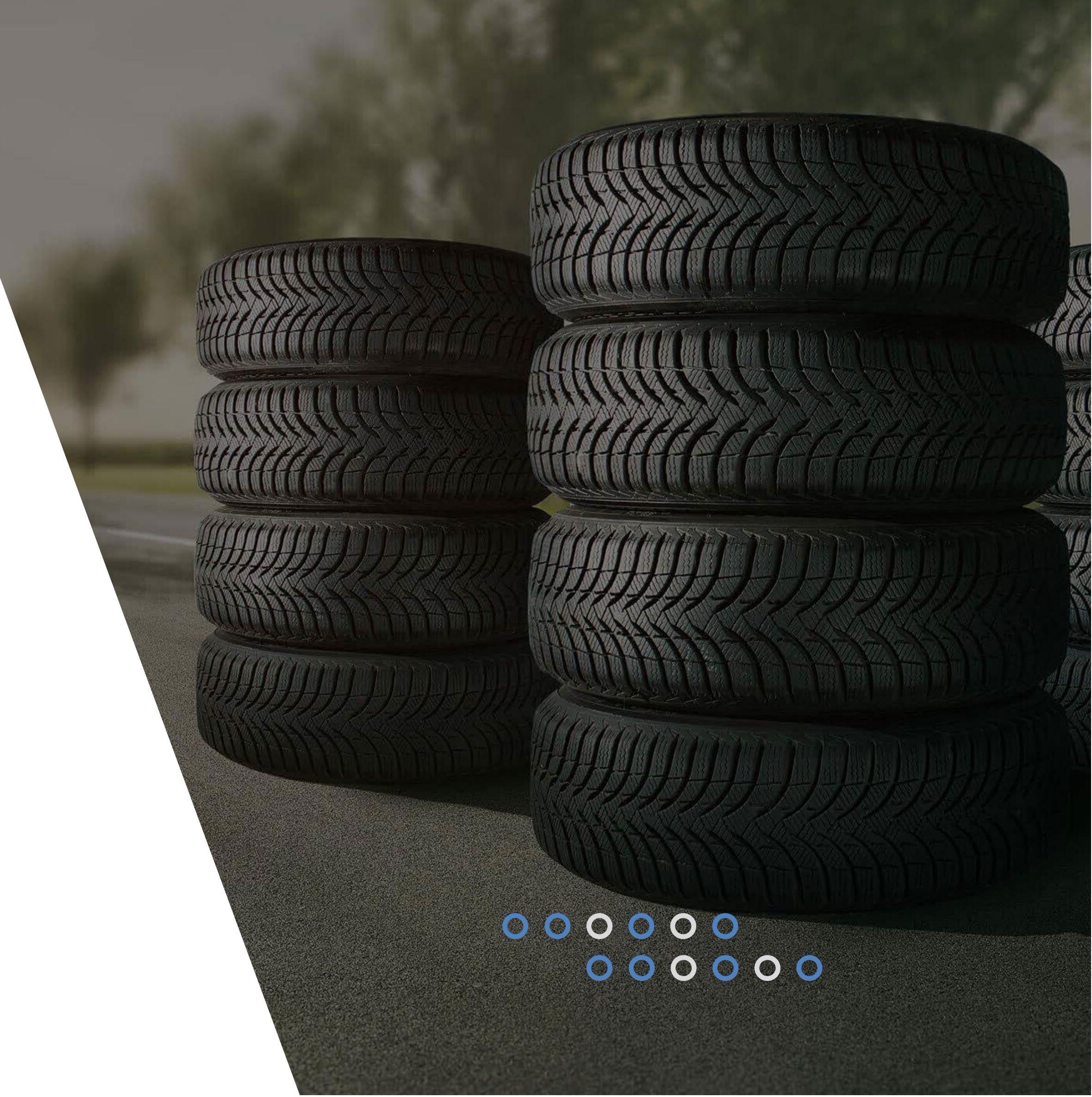




**Environmental technology
transforming the waste tyre industry**

MARCH 2021



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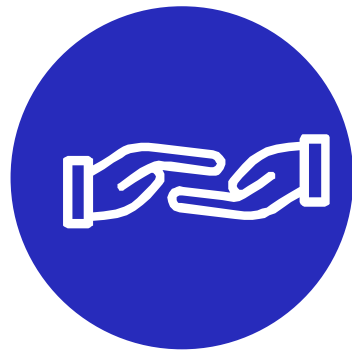
Introduction to Pearl Global



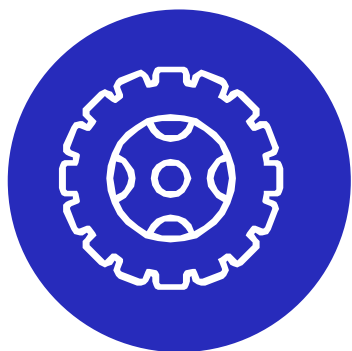
Australia’s first company
licensed to thermally treat
tyres and the only entity in
commercial operations



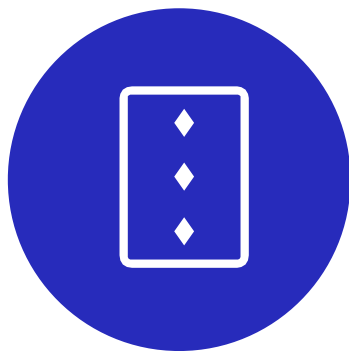
Leading specialist in cleanly
converting end of life tyres
into high-value sustainable
products



Unlocking significant benefits
for community, economy and
environment, with positive
outlook for government policy
support



Large addressable
market – 1.6 billion
tyres are discarded
globally per annum



Simple, linear and
transparent business
model using a 3-step
process from collection to
sales



Strategic investment support
from government and
institutions with experience
in energy sector



Approaching profitability
through an increase in
production and strategic
expansion into asphalt and
bitumen verticals



Management and
board with a deep
understanding of the clean
energy sector

Executive Summary

- Pearl Global Ltd (ASX: PG1) is a leading Australian waste technology company that utilises its exclusively licensed proprietary technology to address the problem of tyre waste and storage in an environmentally friendly manner
- Based in Stapylton, Queensland, Pearl cleanly converts end of life tyres into high value sustainable products to create a stronger circular economy
- The Company is targeting continued growth of its operational Queensland facility to maximise its estimated 20,000 tonne processing facility, capable of cleanly converting approximately 2.5 million used car tyres per annum into valuable end products
- **Strong Operational Momentum:**
 - Australian-first fully commissioned tyre recovery operation
 - The Federal Government budget speech delivered on 6th October 2020 resolved to ban the export of waste tyres, supporting and indicating higher demand for Pearl's in-country solution to treat tyre waste
 - Nearly 4,000 tonnes of tyres processed in the last 12 months into high-value oil, carbon and steel products
 - Strong demand backlog and competitive advantage is allowing pricing improvements, set to accelerate progress to profitability

Corporate Overview

Snapshot	
Share Price (17/03/21)	\$0.088
Shares on issue	372m
Unquoted options (13/6/22 19.1c, 6/8/22 15c)	5m
Market Capitalisation (fully diluted)	\$33.2m
Cash as at 30 Sep 2020	\$6.4m

Strategic Investors	
First State Super – ROC Partners	22.5%
Energy Super Fund	4%
Capricorn Co-operative	3%

Last 12 Months’ Share Price Performance and Volume



Strong Growth – Over 1 Million Tyres Processed

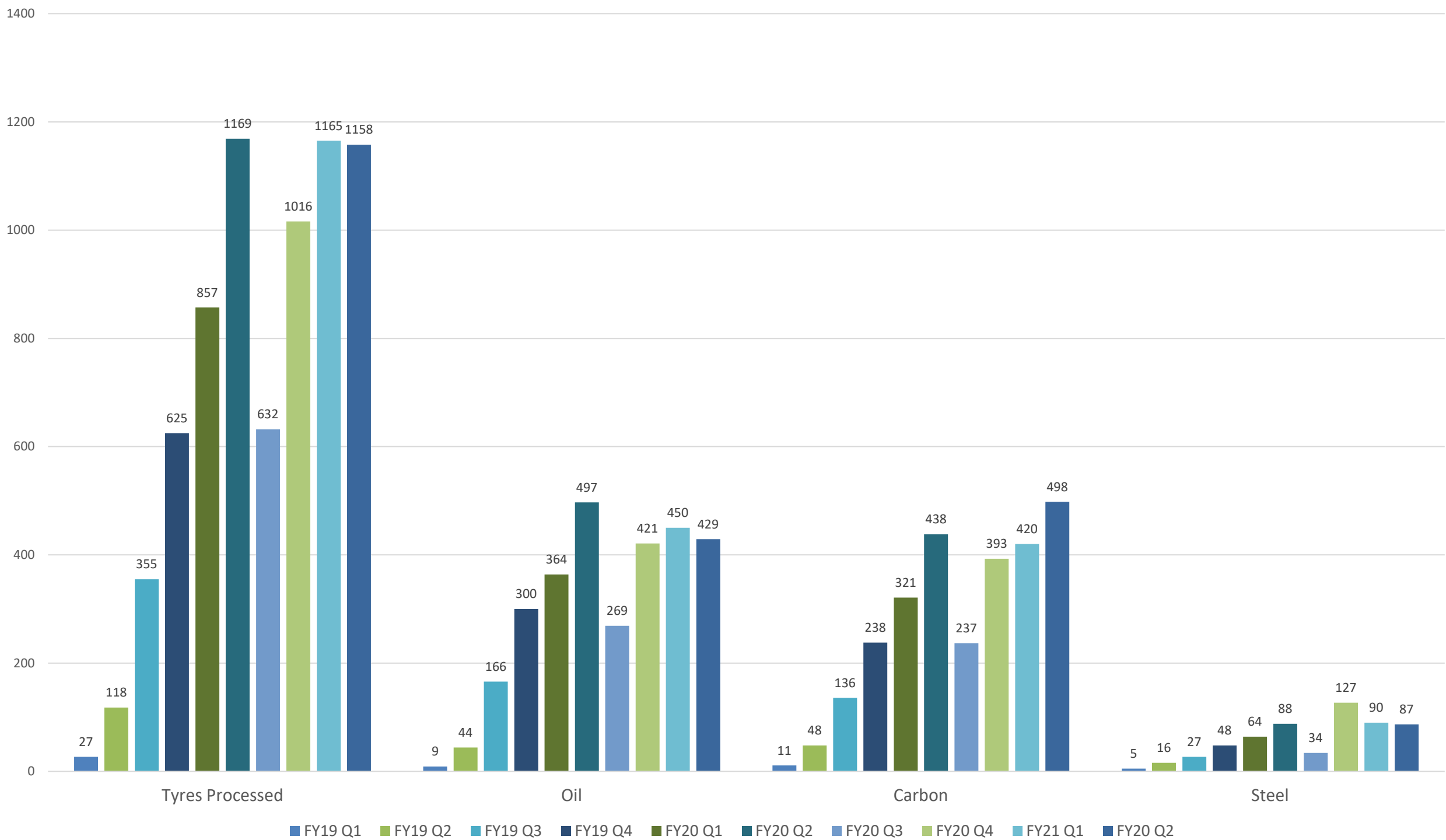
Sustainable increases in production and income since Q1 FY19

Pearl has now processed over 1 million tyres at its Stapylton facility

Scaling up to significant amounts of oil, carbon and steel production

Ample opportunity to continue production ramp-up in 2021 and beyond: tyre storage permit revision has been submitted, allowing Pearl to process demand backlog faster

Quarterly Production (tonnes)



Immediate necessity to solve a global issue

Government and communities are increasingly insisting on solutions for dealing with all kinds of waste – including tyres



56 MILLION

Tyres discarded in Australia p.a.



Large portion of market share still to be captured, with Pearl in early stages of penetrating the 120-plant, 10m tpa Australian asphalt market



1.5 BILLION

Tyres discarded globally p.a.



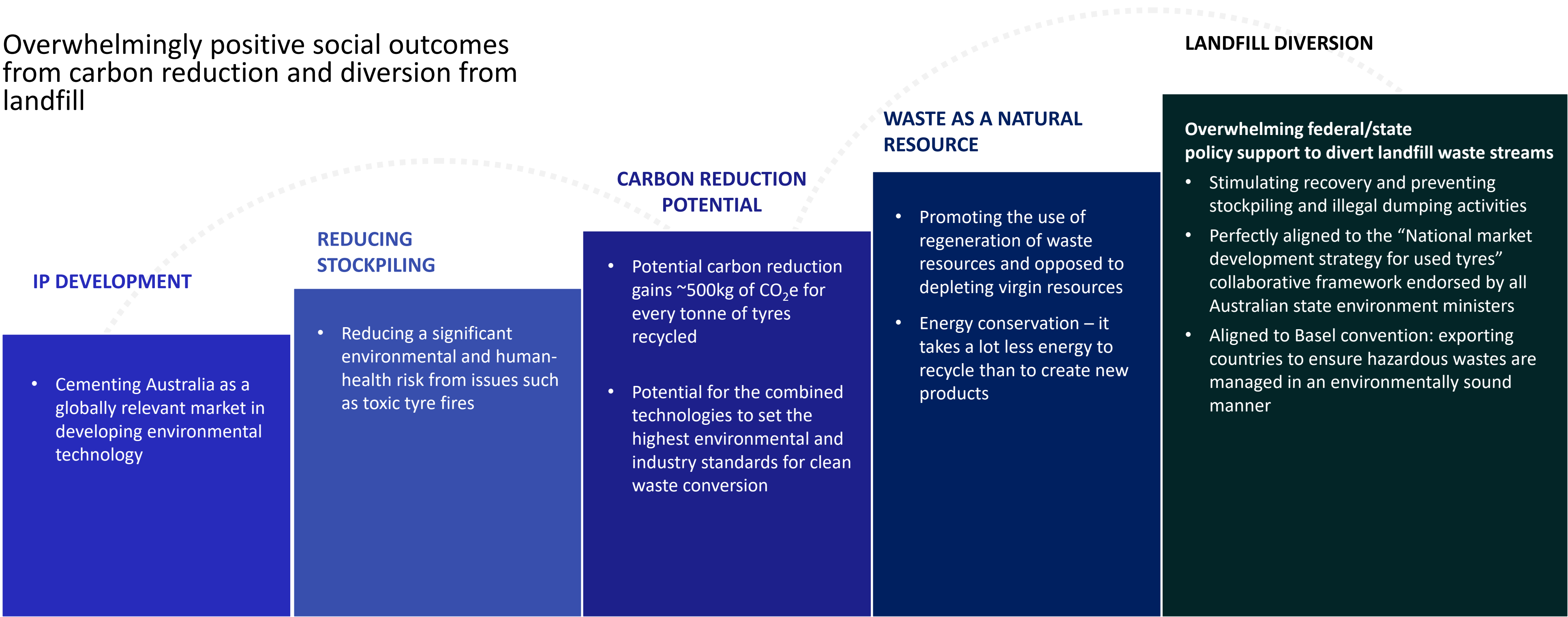
63 PERCENT

landfilled, stockpiled, illegally dumped



Social outcomes – significant benefits

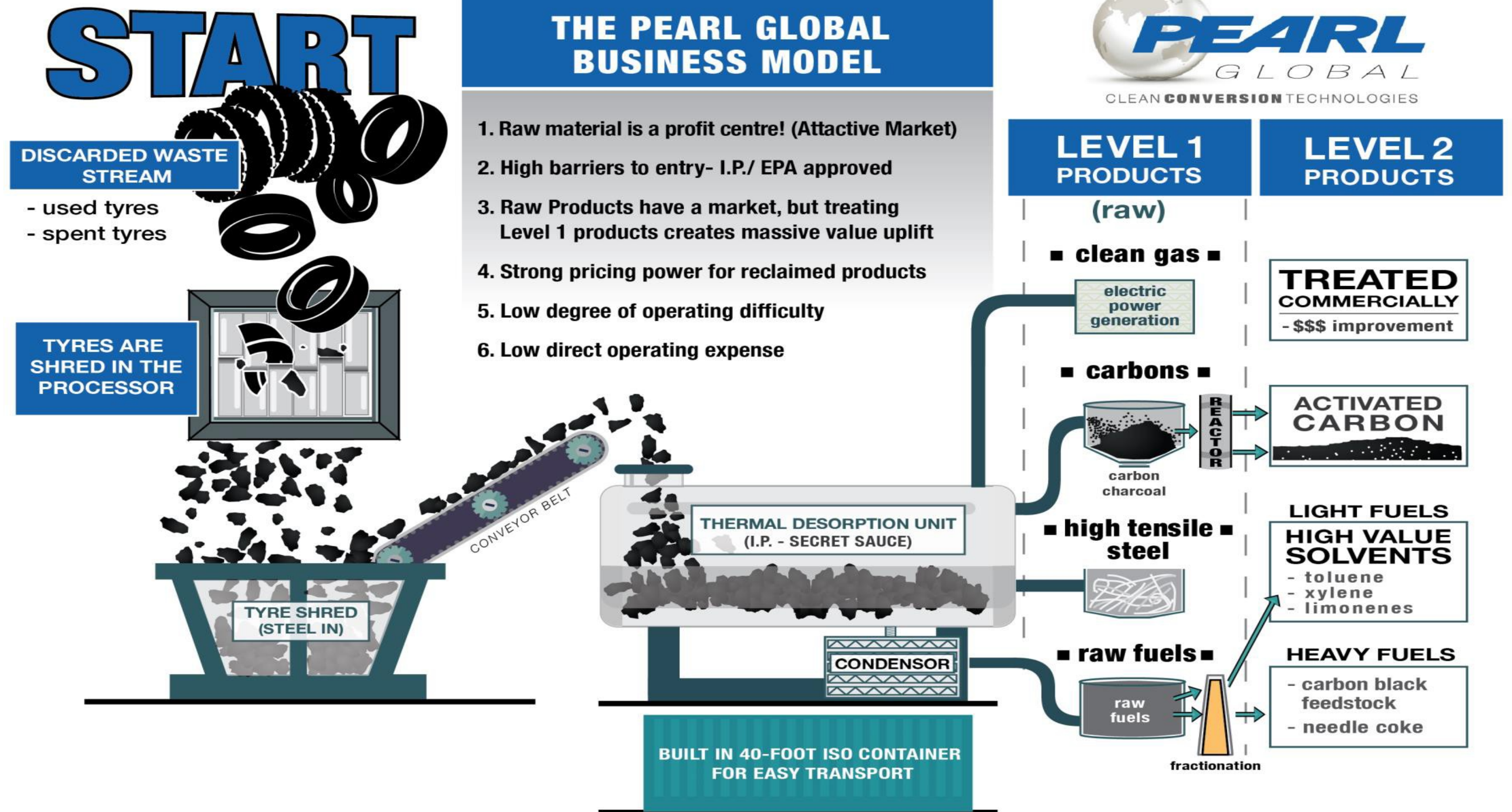
Overwhelmingly positive social outcomes from carbon reduction and diversion from landfill





Simple and transparent model

RECEIVING A GATE FEE PRIOR TO PRODUCTION



Linear, three-step end-to-end process

STEP 1

TYRE COLLECTION

Raw material = Income



Policymakers increasing disposal fees

STEP 2

PROCESS TYRES

I.P. Thermal Treatment



Three year track record of success

STEP 3

SELL THE PRODUCTS

Raw material = Income



Fuels, Carbons, Steel and Energy from our gases

Scalable operations developing multiple valuable products



Pearl site operations in Stapylton, Queensland
Source: Pearl

Pearl's patented process consumes waste tyres and cleanly produces:

Carbon Char (80% pure carbon)

- Multiple uses due to high stored energy (Pearl carbon has 30% more energy than coal)
- Pearl targeting asphalt industry as a binder and filler
- Pearl's asphalt partners are to utilise Pearl carbon to enhance their asphalt

Clean gas (energy use)

- Continuous process that uses three factors to produce clean gases as opposed to toxic gases

High tensile steel

- Steel is separated along with the carbon char as part of the automated process
- Used in manufacturing

Fuels

- Raw fuel derived performs similarly to diesel
- Also used as Furnace/Heating Oil

Partnerships with established expertise

Commercial operators

ROC Partners – cornerstone <ul style="list-style-type: none">• Leading alternative asset manager in Australasia• 20 years of investment experience and \$6.4 billion under mgt	Capricorn Society Co-op Limited (Mechanic and automotive co-op) <ul style="list-style-type: none">• Strategic investor• 18,000 automotive members, \$1.5 billion turnover• Buys large volumes of industrial degreasers and solvents	Aussee Road Services (Part of the See Civil group) <ul style="list-style-type: none">• 5 year offtake agreement (pricing recently improved)• Working together to develop and deliver enhanced carbon and fuel products	Tyre Stewardship of Australia (TSA) - ACCREDITATION <ul style="list-style-type: none">• Federal government project to find solution to waste tyres• Pearl has become the first tyre processing company to receive TSA accreditation for thermal processing
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Queensland Government



THE UNIVERSITY OF
WESTERN AUSTRALIA



Australian Government
Australian Research Council

Pearl has received over \$1m from the Queensland Government over two grants for Pearl's waste-to-energy project + resource recovery

Ongoing investment into product development

CREATING FURTHER VALUE BY PRODUCT IMPROVEMENT



Various fractions produced from Pearl hydrocarbons - Source Pearl 2017

Asphalt and bitumen expansion

Australia produces 10 million metric tonnes of asphalt p.a. with 120 asphalt players nationally (Ref. AAPA website)

Established industry seeking change and consuming a large volume of resources

Australian road authorities and contractors are actively looking for opportunities to minimise the impacts of their operations on the environment with particular focus on increasing utilisation of recyclable materials

In May 2018, the Australian Government committed \$6.3 bn in infrastructure payments to the states; this was followed up in the 2020 Federal Budget with \$1.3 bn for transport infrastructure projects in QLD and approx. \$250 m to modernise recycling and waste reduction infrastructure¹

Pearl has signed a 5-year offtake agreement with leading Queensland-based asphalt group Aussee Road Services with volume commitments of 10ktpa of fuel and 7ktpa of carbon char products

Expanding industry verticals and the recent change of Aussee from exclusive to non-exclusive customer will enable Pearl to maximise the production capacity of its Stapylton facility



1: https://www.aph.gov.au/About_Parliament/Parliamentary_Departments/Parliamentary_Library/pubs/rp/BudgetReview201819/Infrastructure

Positive customer feedback from newly-launched products

- Pearl's favourable position in the circular economy is clear in the recent success of its new 'green asphalt' product, Zeroad, with new customer Moreton Bay Council following co-development with Pearl's strategic partner Aussee Road Services Pty Ltd (Aussee).
- Moreton Bay Council recently laid Zeroad in its Shire, allowing Queenslanders' waste tyres to be put back into Queensland roads through Pearl's tyre-derived liquid fuel and carbon char.

Moreton Bay Mayor, Peter Flannery, said:

"I was shocked to learn 70% of Queensland tyres end up in landfill, and with around 130,000 registered vehicles here in Moreton Bay, I wholeheartedly believe we need to do our part."

"Tyres can take up to 80 years to break down and take up an enormous amount of space in landfill, so I'm thrilled to instead be using a waste product as part of an infrastructure solution."

"This new road renewal takes our green approach to another level by using roughly 22,000 tyres and giving them a new life as road resurface. That's 2,200 tonnes of tyres that have been used sustainably on our roads instead of the tip, and 93,000 kg of carbon savings. For each tonne of this premium asphalt, 10 car tyres are removed from our landfills and repurposed into our roads."

"We are the third largest Council in Australia, so I'm proud to be taking a leading position on how we can reuse and recycle, to ensure we leave our environment in a better place for our children."



Zeroad asphalt being laid at King Street, Moreton Bay, January 2021 (Source: Aussee Asphalt Pty Ltd)

Highly credentialed Board & Management



Mr. Andrew Drennan
Co-founder and Managing Director

Mr Drennan is a waste management specialist across corporate and operational teams, His experience covers roles as Environmental Team Leader at BHP Billiton Iron Ore for 10 years, as well as being a former Environmental Officer with the Western Australian Department of Mines and Petroleum. Mr. Drennan holds a Bachelor of Science (Environmental Science) from Murdoch University, Western Australia.



Mr. Brian Mumme
Director

Mr Mumme is a senior executive with over 30 years of national and international experience in commodities (oil, gas, agriculture), with a focus on marketing, trading, risk management and optimising supply chains. Prior to establishing his own consulting business, Mr Mumme was seconded from BP Australia into the role of President for the North West Shelf Gas Joint Venture for six years in a career of over 20 years with BP.



Mr. Gary Foster
Co-founder and Executive Chairman

Mr Foster has a demonstrated entrepreneurial work history covering financial services, agriculture and environmental industries. Mr Foster was a former CEO of an international commodities trading company, co-founder and current non-executive Chairman of ASX listed Vortiv Limited, a profitable cybersecurity business



Mr. Brad Mytton
Director

Brad is a Partner at ROC, with deep experience in clean energy technology, governance and corporate finance. Brad has been influential in assisting the Board for its future planning and growth. He holds an MBA from University of Oxford, and a B.Com (hons) in Management Science from the University of Canterbury.

Highly credentialed Board & Management



Mr. Bert Huys
Chief Technical Officer

Mr Huys has 30 years of experience in HSE Management and Research and Development in the mining and industrial processing industries, including over 10 years as Environment manager for BHP’s West Australian Iron Ore operations. Mr Huys is also a Research Fellow with University of Western Australia – School of Mechanical and Chemical Engineering. Mr Huys is responsible for HSE Management and Process Commercialisation and R&D for Pearl.



Mr. Doug Swanborough
Chief Financial Officer

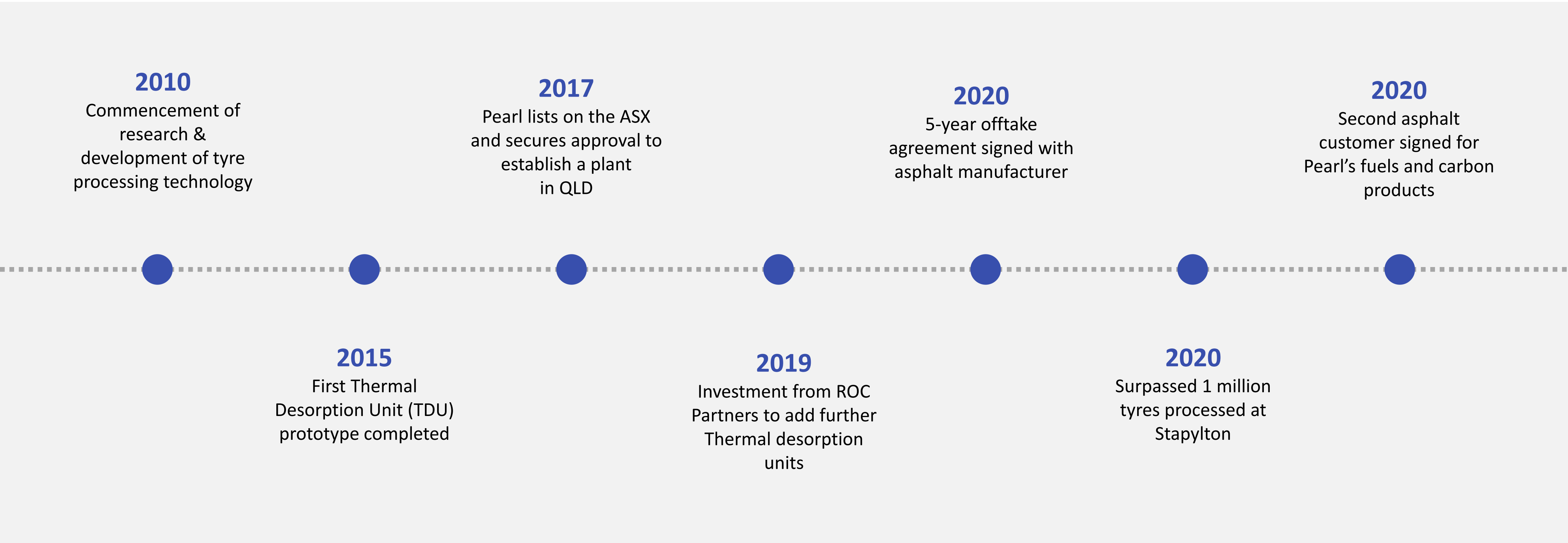
Mr Swanborough holds an M.B.A., is a fellow of the Institute of Public Accountants (FIPA) and a Fellow of the Institute of Financial Accountants (FFA) United Kingdom. Mr Swanborough's skills include Governance, risk management and compliance, financial analysis and modelling, budgeting and forecasting and strategic planning and implementation.



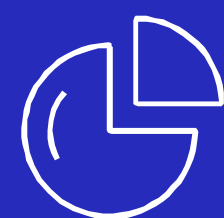
Mr. Michael Barrett
Director

Mr Barrett is a Chartered Accountant with over 27 years of international experience in finance, strategy and corporate development, capital markets and risk management. Mr Barrett also has extensive experience working in the energy and resources industry. More specifically, Mr Barrett was previously Chief Financial Officer for Rio Tinto’s US energy business. Mr Barrett spent two years as National Lead Partner for Deloitte’s Risk Advisory Energy and Resources practice where he specialised in corporate governance, board advisory and risk management.

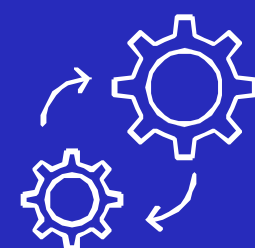
Progress timeline



Investment highlights



Huge addressable market with low barriers to entry due to Pearl’s innovative technology



Established track record of processing tyres through a thermal absorption process



Pearl provides a real solution for companies with large amounts of idle tyres



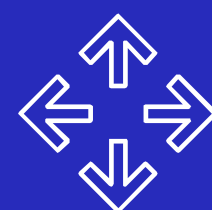
Strong tailwinds from shifting attitude towards environment and waste policy



Core technology is patent protected, new technology has patents pending



Consistent growth in production and processing with offtake agreements in place



Growing industry verticals – initially moving into asphalt and bitumen



Management with strong industry relationships and knowledge of clean energy





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