



ECT

ENVIRONMENTAL CLEAN
TECHNOLOGIES LIMITED

Net zero solutions. Today.

Delivering net-zero Waste-to-Energy (WTE) and
Waste-to-X (WTX) applications

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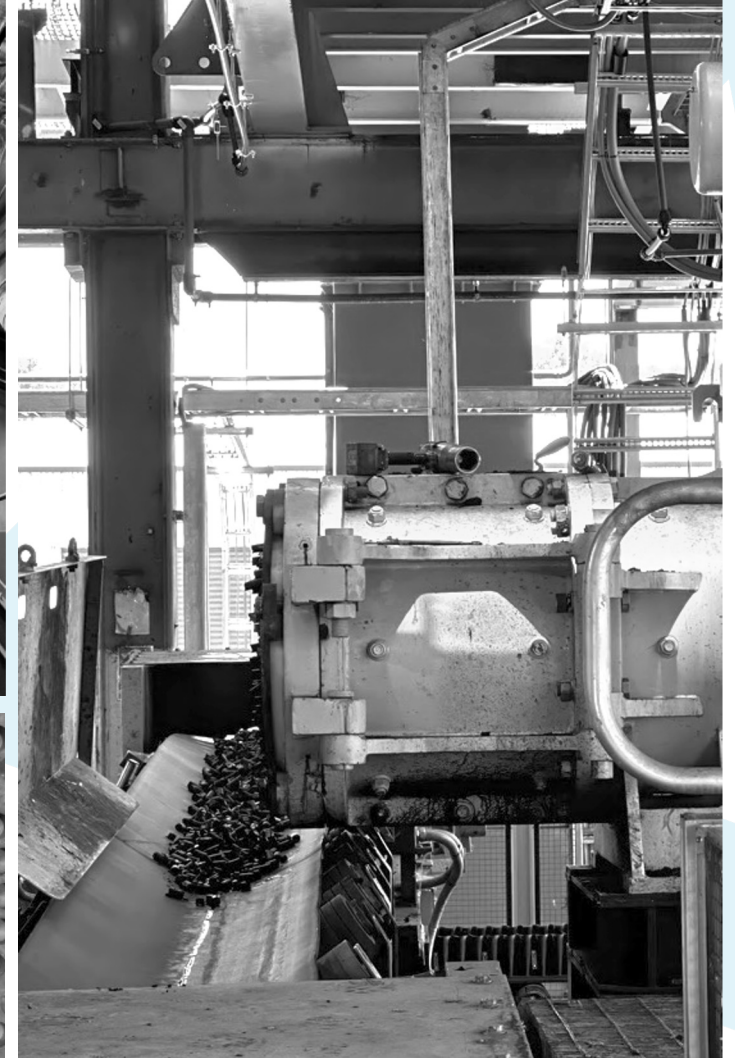
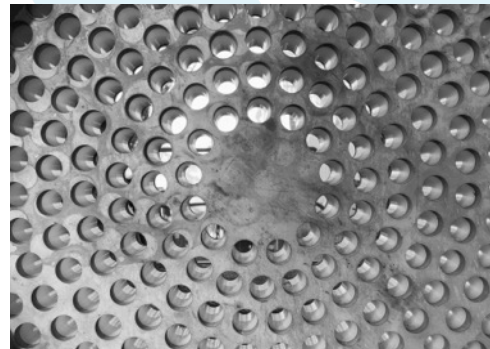
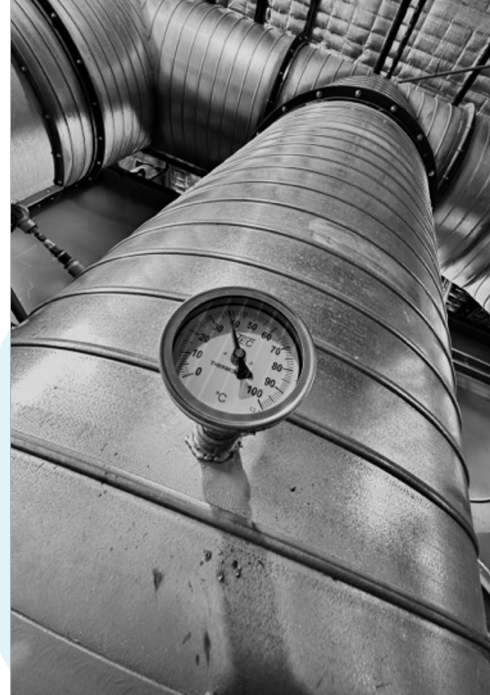
Forward-looking statements are only predictions and are not guarantees of performance. Wherever possible, words such as “may,” “would,” “could,” “will,” “anticipate,” “believe,” “plan,” “expect,” “intend,” “estimate,” “aim,” “endeavour” and similar expressions have been used to identify these forward-looking statements. These statements reflect the Corporation's current expectations regarding future events and operating performance and speak only as of the date of this material. Forward looking statements involve significant known and unknown risks, uncertainties, assumptions and other factors that could cause our actual results, performance or achievements to be materially different from any future trends, results, performance or achievements that may be expressed or implied by the forward looking statements, including, without limitation, changes in commodity prices and costs of materials, changes in interest and currency exchange rates, inaccurate geological and coal quality assumptions (including with respect to size, physical and chemical characteristics, and recoverability of reserves and resources), unanticipated operational difficulties (including failure of plant, equipment or processes to operate in accordance with specifications or expectations, cost escalation, unavailability of materials and equipment, delays in the receipt of government and other required approvals, and environmental matters), political risk and social unrest, and changes in general economic conditions or conditions in the financial markets or the world coal, iron and steel industries.

The materiality of these risks and uncertainties may increase correspondingly as a forward-looking statement speaks to expectations further in time. Although the forward-looking statements contained in this material are based upon what the Company believes to be reasonable assumptions, the Company cannot assure investors that actual results will be consistent with these forward-looking statements. These forward-looking statements are made as of the date of this material and are expressly qualified in their entirety by this cautionary statement. We do not intend, and do not assume any obligation, to update or revise these forward-looking statements, unless otherwise required by law. Prospective purchasers are cautioned not to place undue reliance on forward-looking statements. This presentation is for information purposes only and does not constitute an offer to sell or a solicitation to buy the securities referred to herein.

About Us

The Company

- ASX-listed
- Patent tech development \$100M+
- Project investment: \$8M
- **Net zero-emission** solution utilising waste resources
- **Patented waste heat** recycling and utilisation
- **Strategically aligned** resource partnerships
- **Industry experience**



Corporate Overview

Board



Jason Marinko
Chair
Non-executive Director
BCom, FFin, GAICD, MBA

Mr Marinko is an experienced public company CEO, Director and Chairman, with expertise in the technology and investment banking industries and a proven track record in leading technologies to commercialisation. He is also currently a Non-Executive Director of legal tech innovator, Immediation Limited. Mr Marinko has extensive corporate finance and corporate strategy experience and holds an MBA from INSEAD Business School in France and is a graduate of the Australian Institute of Company Directors.



Sam Rizzo
Managing Director
BA (Urban and Regional)
Grad Dip (Honours) in Urban and Regional Town Planning

Mr Rizzo is a highly regarded project leader with more than 11 years' experience delivering complex projects, renewable energy and supporting infrastructure to deliver optimal value and return on investment. He was most recently Regional Program Leader Europe for global energy transition leader, Fortescue Future Industries. This role led strategic corporate agreements for complex multi-billion-dollar projects, which involved entering contractual arrangements with a national utility provider as well as active green renewable entities.



Jim Blackburn
Non-executive Director
BAppSci, GradDip. (Governance)

Mr Blackburn has a strong executive background as a corporate development practitioner with over 20 years' experience in governance, operational, and technical roles across research, investment and corporate services disciplines.

Issued Capital (as at 20 Oct 2023)

ASX Code	ECT
Shares (pre-issue)	2,847 M
Market Capitalisation	~\$14 M
Share Price	0.05¢

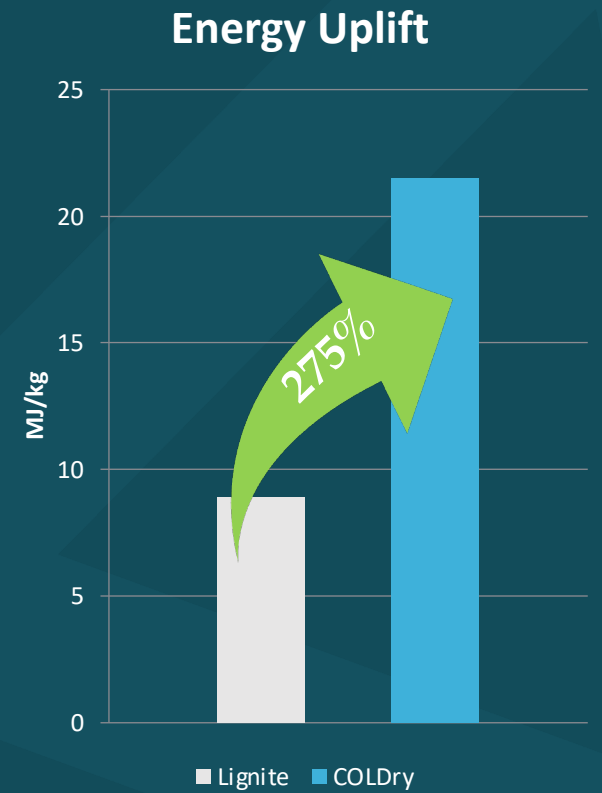
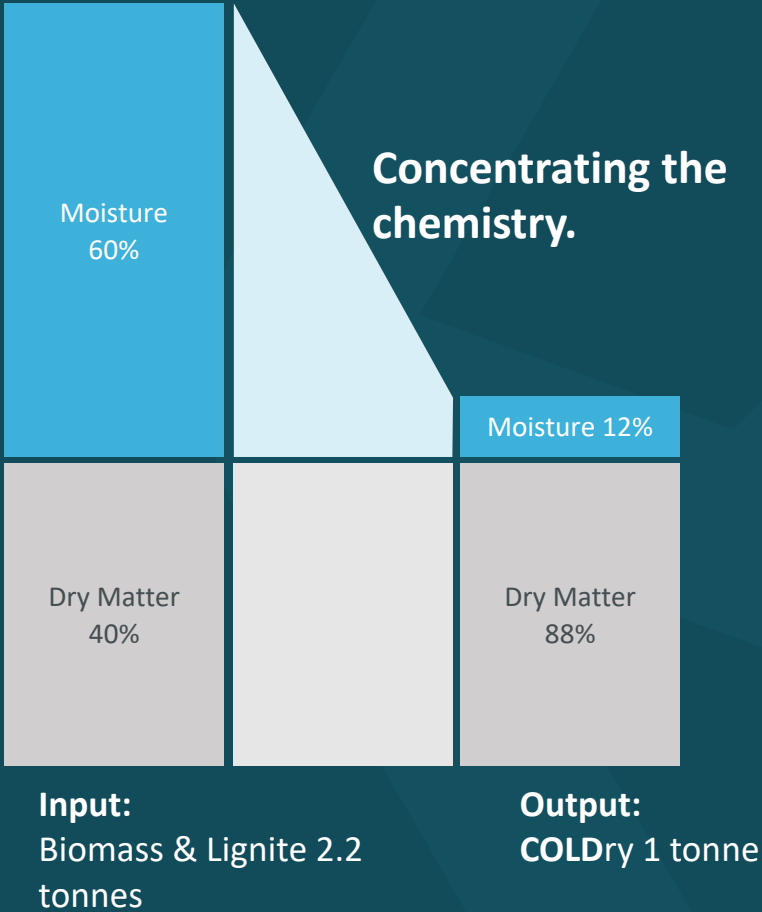
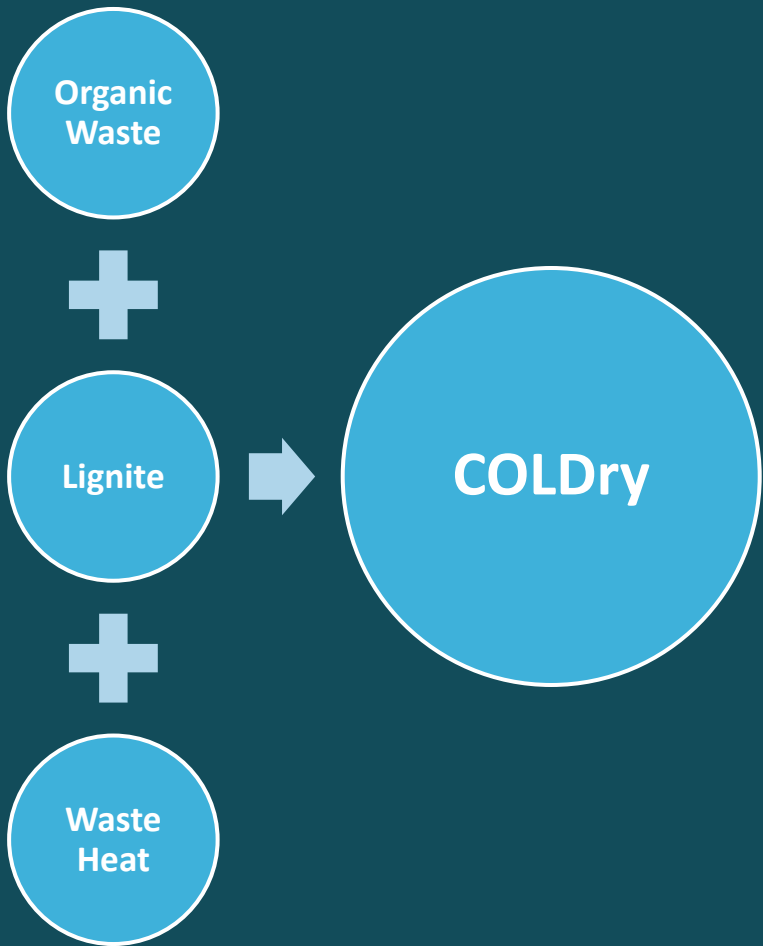
Cash & Debt (as at 30 June 2023)

Cash	\$1.3 M
Other Assets (property & R&D refund)	\$4.6 M
Debt (borrowings & trade creditors)	\$2.6 M
Net Asset Position (ex. IP, intangibles)	\$3.43 M

Shareholders (as at 20 Oct 2023)

Total shareholders	5,486
Top 20	~48%
Top 40	~60%
Top 100	~74%

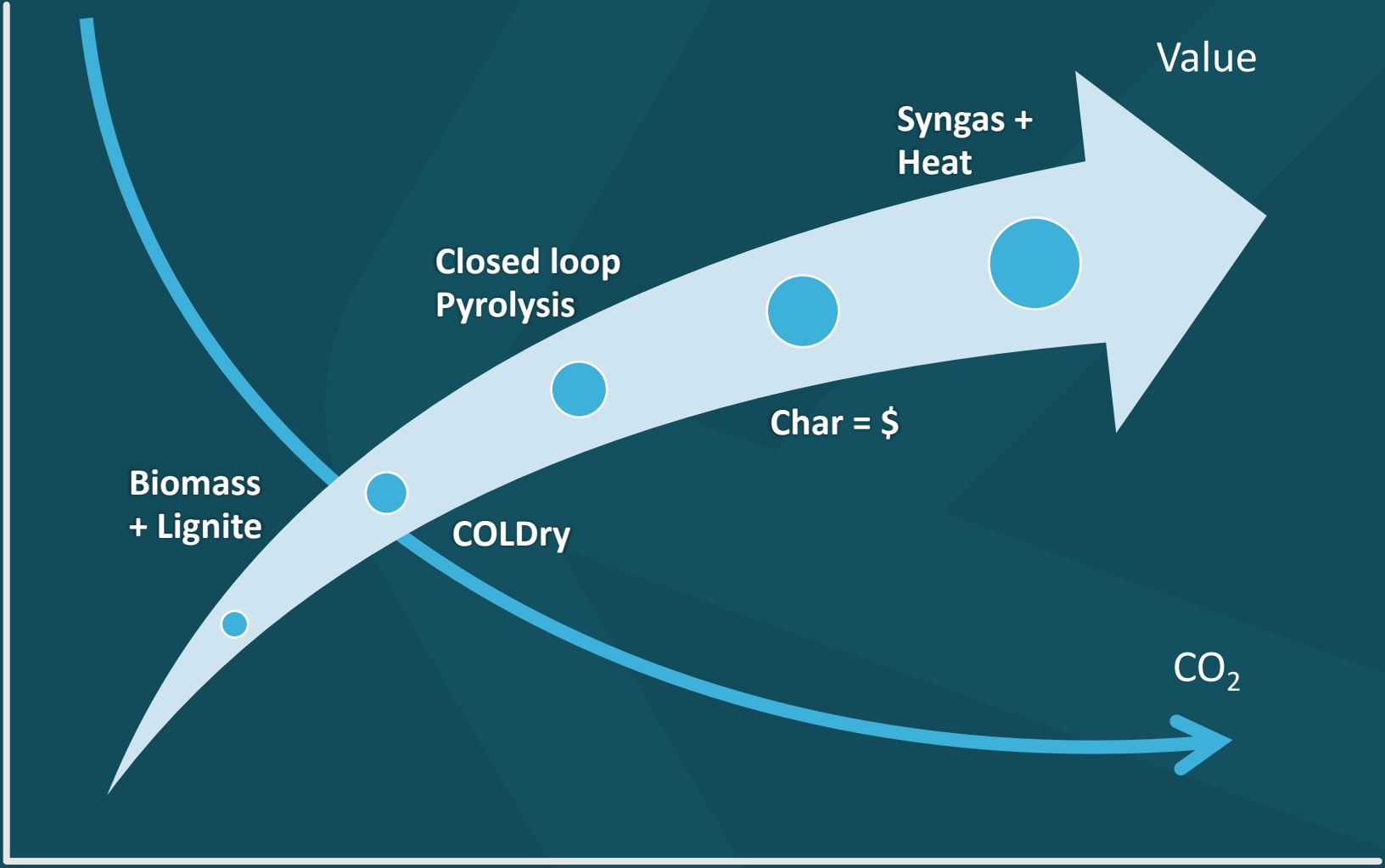
COLDry: Delivering net-zero Waste-to-Energy (WTE) and Waste-to-X (WTX) applications



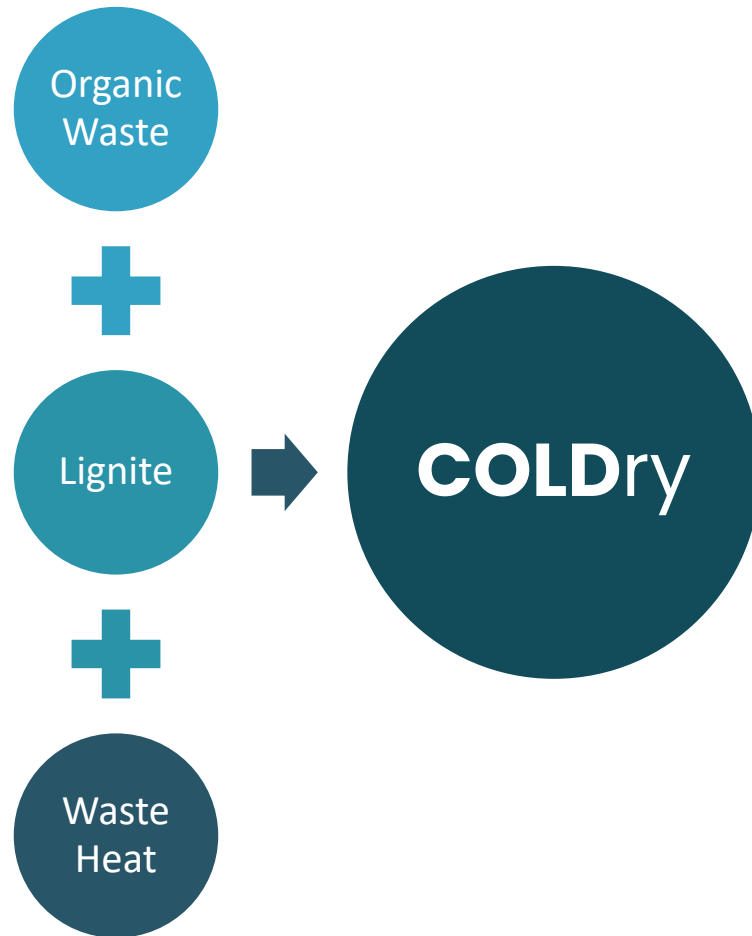
45% Material Decrease

COLDry: Delivering net-zero Waste-to-Energy (WTE) and Waste-to-X (WTX) applications

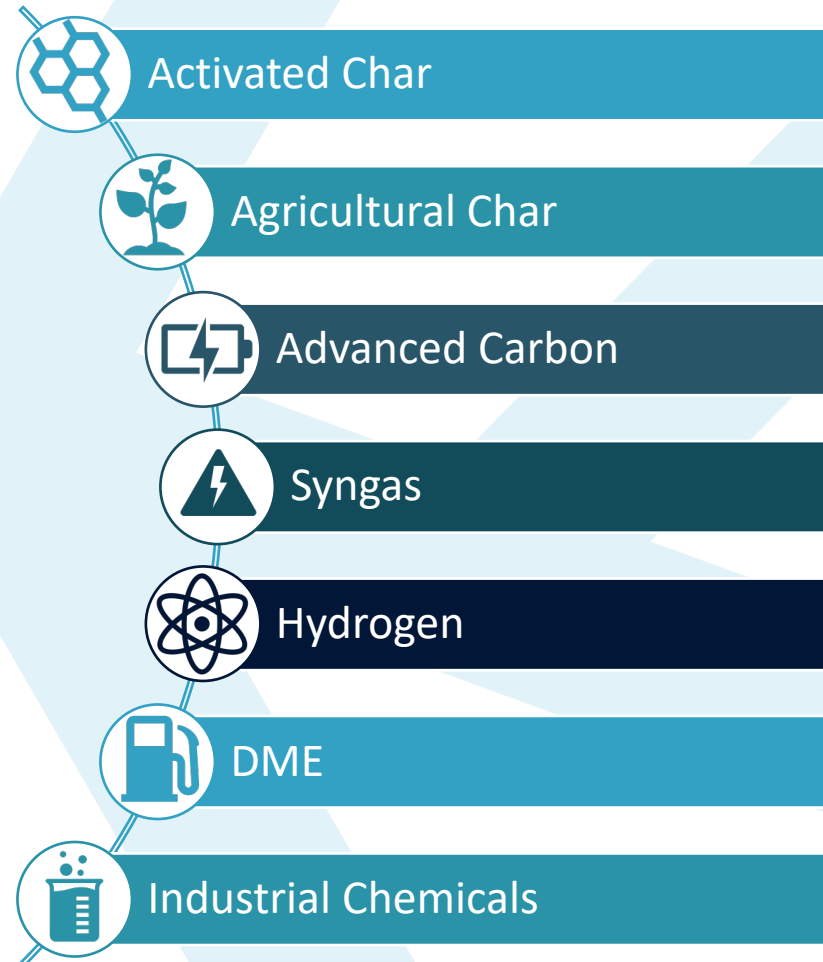
-  Patented & Proven
-  Closed loop Net Zero
-  Low CAPEX & OPEX
-  Scalable
-  Carbon Credit



Products: Net Zero

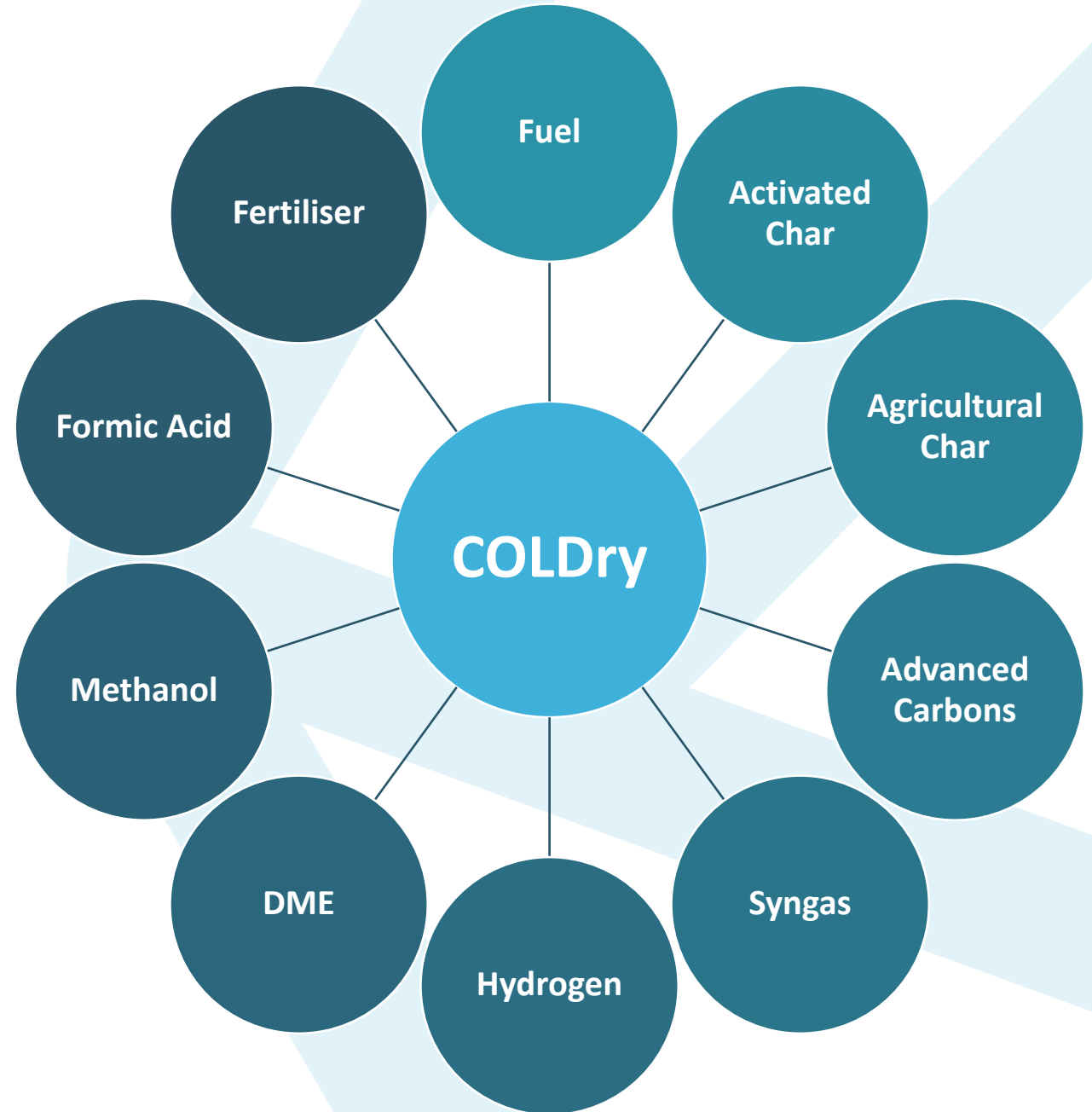


Enabling-Waste to valuable products



Demand

- Diversified downstream options
- Growth markets
- Hard-to-abate sectors
- Import replacement
- Soil Health
- Clean fuels
- Low carbon fuels

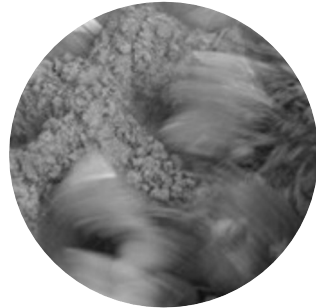


COLDry: 6 Key Steps

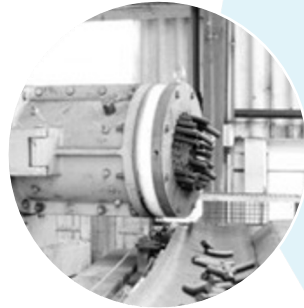
Waste Biomass + Lignite



1
Screening &
feed control



2
Shear &
attrition



3
Extrude



4
Conditioning



5
Continuous
Packed Pad
Drying



6
COLDry
Pellets

Waste
Heat

- ✓ Powerfully simple
- ✓ Zero Emission
- ✓ Low temperature
- ✓ Low pressure
- ✓ Low cost
- ✓ Proven
- ✓ Patented

COLDry Reality @ Bacchus Marsh

COLDry

Phase 1

35,000 tonnes output
capacity per annum

COMMISSIONED
Date: 31 / 12 / 2022

1. COLDry zero-emission drying
2. Pyrolysis kiln
3. Syngas processing
4. H₂ storage
5. Char silo
6. COLDry silo
7. Lignite bunker
8. Biomass bunker
9. ECT workshop
10. R&D centre
11. PV solar system
12. Data centre (basement) - waste heat
13. Panasonic fuel cells

Artists impression

Complete

In progress

Future

Strategy

Commercialisation

Race to Revenue: 2024

Supply & Offtake

Organic
growth: 240ktpa

Partnerships &
Acquisition

Deployment

Drivers

Low CAPEX & OPEX

High Value Products

Demand Growth

Net Zero

Patented Technology

BM Plant Throughput

60ktpa

120ktpa

240ktpa

COLDry Output

27ktpa

54.5ktpa

109ktpa

Char & Syngas

13.5ktpa

27.2ktpa

54.5ktpa

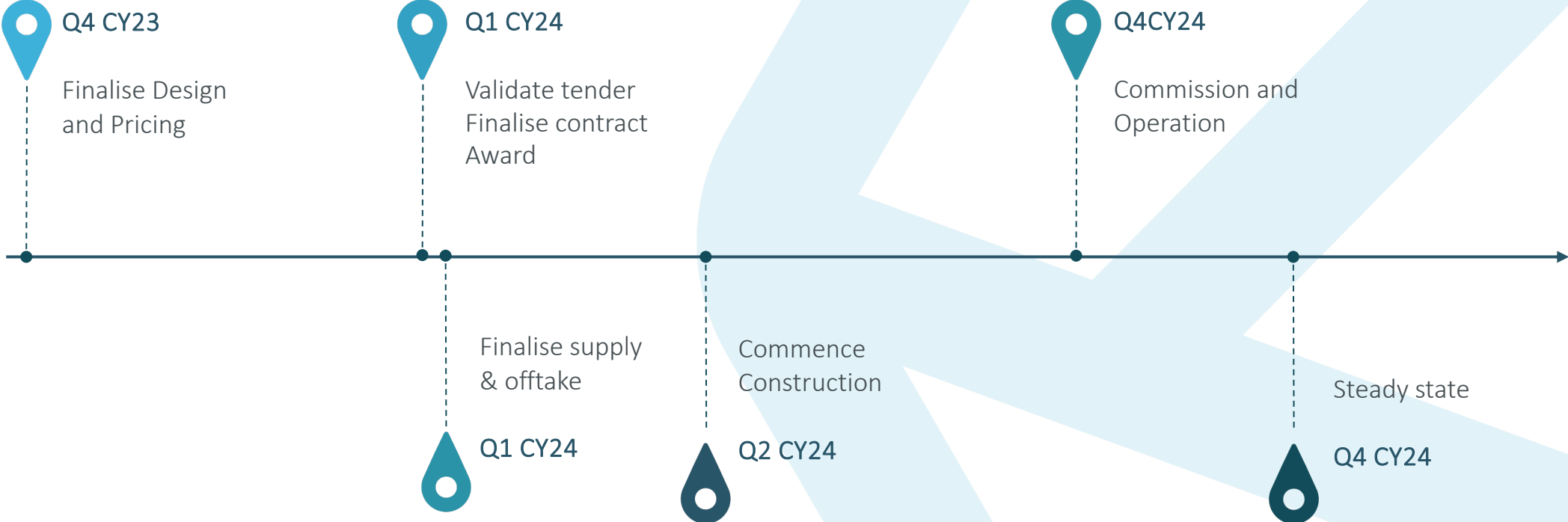
Activated Carbon

4.7ktpa

9.5ktpa

19ktpa

ECT COLDry: commercialisation into 2024



Partners

PROJECT

Panasonic

GRAPHENEX

AUSTRALIAN
CARBON
INNOVATION 
Creating a sustainable carbon future

 CALLEJA GROUP  INVEST VICTORIA

OPTIMAL

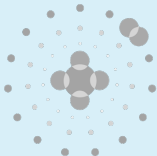
RESEARCH

 **Federation**
University

 **MONASH**
University

 THE UNIVERSITY OF
NEWCASTLE
AUSTRALIA

HILTCRC
Heavy Industry
Low-carbon Transition



**FUTURE
ENERGY
EXPORTS**
Cooperative Research Centre

CORPORATE

 Committee for
GIPPSLAND

 Gippsland Hydrogen
Cluster

 **RSM**

 **BDO**

 **DAVIES
COLLISON
CAVE**

 **Cornwalls**
LAW + MORE



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Questions.