

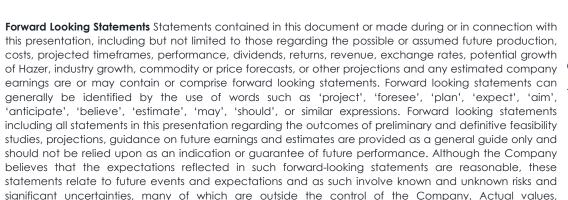
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forward-looking statement.





Commercial Demonstration Plant confirming scalability

The first fully-integrated demonstration plant of the Hazer Process



CDP Site, Perth, Australia

Project Summary

- 100 tpa H₂ and ~380 tpa graphitic carbon
- Carbon negative process with biogas feedstock
- Construction & Phase1 commissioning completed June 2022
- Ready for startup on-track for 2023
- Received \$9.4 million grant funding awarded by Australia Renewable Energy Agency (ARENA)





CDP achieves significant project milestones

Key Milestones to Ready for Start-up (RFSU)

- ✓ Phase 1 plant construction
- ★ Heat exchanger materials delivery

- ✓ Start-up approvals and permits
- - ✓ Completed ✓ On-track

- ✓ Heat exchanger completes heat treatment
- Reactor materials completed & inspected
- ✓ CDP start-up on-schedule



Heat exchanger successfully heat-treated prior to final assembly and delivery



Leveraging CDP into new commercial projects

Commercial Demonstration Plant (CDP)



Demonstrate Continuous Operation

- Performance testing & process optimization
- Inform commercial design reliability requirements

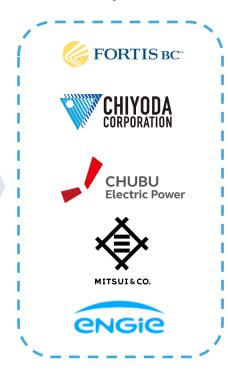
Validate Scale-up Performance

 Confirm reactor performance to validate commercial scale design

Hazer Graphite Production

- High volume samples for product qualification
- Marketing arrangements

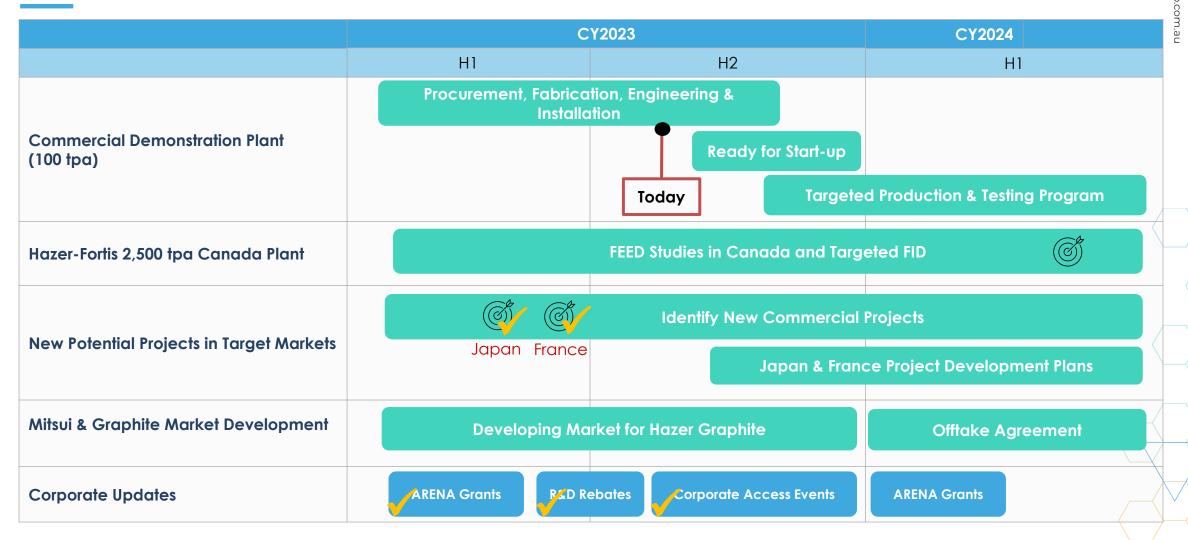
New Commercial Projects







Key Activities





Near-term catalysts to deliver shareholder upside

HZR: ASX Share Price History







Rights Issue offered to eligible shareholders

 Non-renounceable entitlement offer to raise approximately A\$15.3 million: 		
 3 new ordinary shares ("New Shares") for every 16 existing ordinary shares held on the record date, being as at 7.00pm (Sydney time) on Thursday 3 August 2023 		
 Attaching 1:2 option at \$0.75 exercise price with an expiry date of 28 February 2025. The Company intends to quote the options on the ASX 		
Offer price of A\$0.48 per New Share represents a:		
 11.1% discount to the last market price of A\$0.54 per share on 26 July 2023 		
 16.6% discount to the 15-day volume weighted average share price ("VWAP") of A\$0.576 per share as at 26 July 2023 		
Supporting the ongoing operational performance of Commercial Demonstration Plant (CDP) post start-up in 2023		
 R&D to advance and prepare the technology for commercial-scale deployment following CDP commissioning 		
 Advancing current commercial projects in North America, Japan and France, and unlock further commercial pipeline opportunities in Asia and North America 		
Costs of the Rights Issue		
Working capital		
Partial underwriting secured for A\$6.0 million		
All directors are taking up at least their full entitlement		
 New Shares issued under the non-renounceable rights issue will rank equally with existing Hazer shares. On the valid exercise of the new attaching options and payment of the exercise price, the Company will issue ordinary shares ranking pari passu with the then issued ordinary shares 		



\$15 mln to support CDP operations and advance Hazer commercialisation

Raise approximately A\$15.3 million

Uses	\$
CDP Operational Performance & Testing post-startup	\$5mln
Commercial Growth Projects (Europe, NA, Asia-Pac)	\$4mln
Working Capital & Corporate Purposes	\$5mln
Fees	\$1mln

These figures are rounded. See section 1.3 of the Company's Prospectus dated and released to the ASX on 31 July 2023 for further details as to the breakdown of the proposed used of funds raised from the Rights Issue.

Use of proceeds breakdown

- Commercial Demonstration Plant (CDP)
 - Operating expenditure post-startup
 - Operational performance testing
 - R&D / Reactor performance diagnostics
- Commercial Growth Projects
 - o Advance current commercial projects in Japan (Chubu/Chiyoda) and France (Engie)
 - Advance further opportunities in Asia & North America
 - Pursue graphite market capture
- Working Capital
 - Corporate purposes







Rights Issue Timeline

Activity	Date
Announcement of Rights Issue	Monday, 31st July 2023
Rights Issue Record Date (7:00pm Sydney time)	Thursday 3 rd August 2023
Rights Issue Opens (9:00am Sydney time) with Prospectus and personalised entitlements and acceptance forms sent to Eligible Shareholders	Friday 4 th August 2023
Last date to extend the Rights Issue	Tuesday 15 th August 2023
Rights Issue Closes for eligible security holders	Friday 18 th August 2023
Announcement of results of the Rights Issue including any shortfall	Monday 21st August 2023
Allotment of New Shares and New Options under Rights Issue	Tuesday 22 nd August 2023

This timetable is indicative only and may be subject to change subject to the requirements of the Corporations Act 2001 (Cth) and the ASX Listing Rules:

A Prospectus was lodged with the Australian Securities Exchange and the Australian Securities and Investment Commission on 31 July 2023 (Prospectus) and is available on the ASX website and also on the Company's website at www.hazergroup.com.au.

Eligible Shareholders may participate in the Rights Issue making payment in accordance with the instructions on their personalised application form. To access their personalised application forms and Prospectus, Eligible Shareholders can use the following link, following the prompts: https://investor.automic.com.au/#/home.

The Company encourages all Eligible Shareholders to read the Prospectus before deciding whether to participate in the Entitlement and Shortfall Offers.

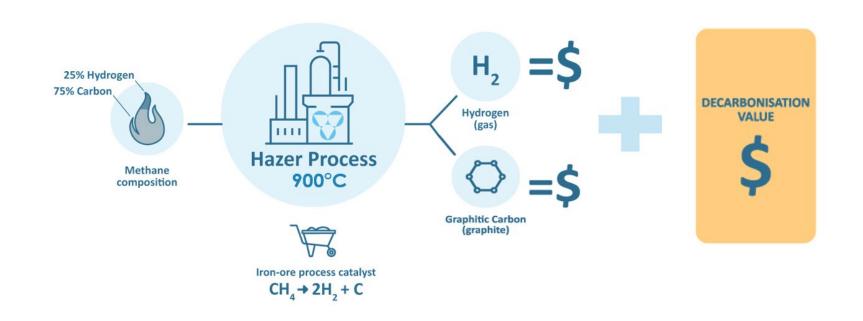




Hazer's competitive technology advantage

Innovative low emission, low-cost methane pyrolysis technology producing clean hydrogen and graphite

- Hazer Group Limited is a technology development company undertaking the commercialisation of the Hazer Process
- The Hazer Process enables low temperature conversion of natural gas and similar methane feedstocks, into hydrogen and high-quality graphite, using iron ore as a process catalyst







Investment highlights

Low cost, low emissions H₂ production technology company positioned to play a leading role in global decarbonisation



Low-cost, Lowemissions, Proprietary Technology



Compelling Economics & Returns



Global Tier-1
Partnerships Across
Strategic Markets



Advanced Technology Readiness & Proven Scale-up



Clear Commercial Pathway & Capex-lite

6





Rapidly Growing H₂ Demand







Hazer well positioned as a low-cost, low-emissions hydrogen technology

Existing Technologies

Steam Methane Reforming (SMR)

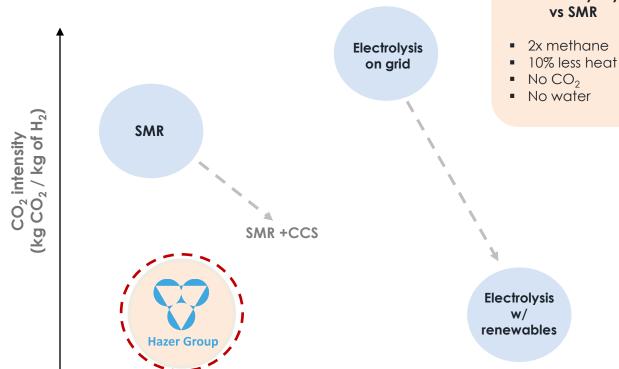
Significant CO₂ emissions

- Most widely used process for H₂ aeneration (~95%)
- High CO₂ emissions
- Requires CCS* to address emissions

Electrolysis

Energy intensive process

- 7x more energy intensive than SMR
- Only low emission if 100% renewable energy
- Requires significant water and renewable energy



Methane Pyrolysis

Hydrogen production cost (\$/kg)



2 "Plug-in" technology using existing infrastructure

End-use deployment and application of the Hazer Technology eliminates H_2 transport risk and reduces cost



Conceptual design of Hazer facility co-located with $3^{\rm rd}$ party refinery (Source: stock image not Hazer infrastructure)

- Eliminates requirement for hydrogen transportation cost and risk
- Co-located with end-user infrastructure –
 such as LNG facilities, refineries etc.
- Ability for shared services and lower operating cost model



3 Global partners & projects

Tier-1 partners developing commercial projects in North America, Europe and Asia-Pacific





3 Overview of key scale-up development projects







Nagoya, Japan



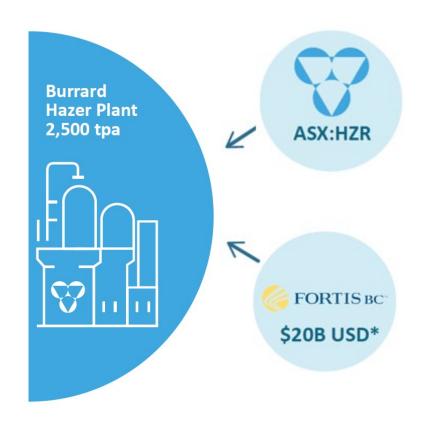
Montoir, France

Description	 Utilises existing fuel terminal site H₂ to be used in gas blending and other industrial applications 	 Existing LNG import terminal or power station site H₂ as fuel for power generation, industry feedstock and mobility 	 Existing LNG import terminal site identified H₂ as fuel for power generation, industry feedstock and mobility
Partners	FORTIS BC"	CHUBU CHIYODA CORPORATION	ENGIE
Expected H ₂ Production • Phase 1 • Phase 2	2,500 tpa 100,000+ tpa	2,500 - 10,000 tpa Up to 100,000 tpa	2,500+ tpa 50,000+ tpa
Hazer Operating Model	Project partner & licensing	Licensing	Licensing
Targeted Start-up (phase 1)	2025	2027-2028	2027-2028



3 World-first project in strategic North America market

Partnership with FortisBC to develop a 2,500tpa hydrogen facility in Canada



- Concurrently scaling up technology 25x from CDP
- FortisBC & Hazer jointly operating 2,500tpa near-commercial scale project
- Engineering design package complete in Q3 2023 with Final Investment Decision targeted for 1H 2024
- New potential site locations being assessed
- Secured C\$8m in grant funding from the province of British Columbia. Meets funding requirements to FID

On 4th Nov 2022, the Canadian Government announced federal tax credits for clean technology & low-emitting hydrogen projects



Advanced technology readiness

Rapid development since company founding and advancing Tech Readiness Level (TRL)

(< 60kg/hr* continuous**)

Project Development Pipeline









(~1Kg* batch)



(~<2 kg/hr* semi-continuous)

2007-2013

(<1g* batch)

2016-present

(<100g* batch)

2017

2017-2021

2022-2023

2025+

- University of Western Australia
- Concept evaluation

Scaled up bench test

- University of Sydney
- Catalyst kinetics and Conceptual testing process research

Bench scale fluid bed

- University of Sydney
- of fluidised bed concept

Pilot Plant

- Sydney and Perth
- Fluidised bed with optimized conditions and catalyst injection

Commercial **Demonstration Plant (CDP)**

- Perth, Australia
- End-to-end continuous plant with biogas feed
- Start up planned 2023

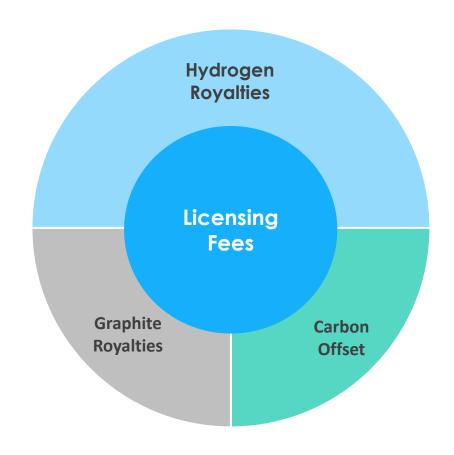
- **Key Projects** • BC, Canada
- Nagoya, Japan
- Montoir-de-Bretagne, France

Bench scale testing

*Combined product scale **CDP planned start up 2023

5 "Capex-lite" business model enables early free-cashflow

Hazer business plan premised on licensing and royalty revenues avoiding large-scale capex exposure



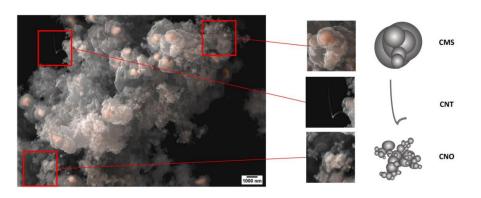
- One technology, two valuable markets
- Flexible combination of license fees and royalties
 - Fixed annual license fees commensurate with plant size
 - Royalties a percentage of H₂ and graphitic carbon revenues
- "Capex-lite" approach





A synthetic, low emissions product with differentiated morphology and properties

- Highly structured vs amorphous carbon black
- Iron inclusions produce magnetic graphite
- Low production emissions
- Up to 95% graphite purity
- High thermal & electrical conductivity
- Low sulphur & low ash content



Mitsui MOU

- A leading international trading and investment group based in Japan
- MOU signed to jointly investigate the market for Hazer graphite
- Exploring possible customers & applications in Asia-Pacific, North America, Europe and Middle East



azergroup.com.a



Building leading position in a rapidly growing market

Hydrogen will play a key role in the decarbonisation of hard-to-abate sectors

Current 500_{MTPA} market ~95_{MTPA} in 2050*1



Electrolysis - grid connected 100 Today's Addressable SMR Market & Coal Gasification for Hazer **Hazer First Mover Advantage**

¹International Energy Agency (IEA) - The Future of Hydrogen, June 2019: https://www.iea.org/reports/the-future-of-hydrogen ²DNV (June 2022) – 'Hydrogen forecast to 2050':

2020

200

2030

2040

SMR + CCS

Electrolysis – dedicated renewables

2050

Global production of hydrogen as feedstock – in million tonnes p.a.2

https://www.dnv.com/news/hydrogen-at-risk-of-being-the-great-missed-opportunity-of-the-energy-transition-226628



Significant fiscal policy support across key markets

Government funding & incentives support Hazer technology commercialisation

POLICY SUPPORT

Hydrogen Headstart Program



Canadian Net-Zero Emissions Accountability Act



Inflation Reduction Act (IRA) National Hydrogen Strategy



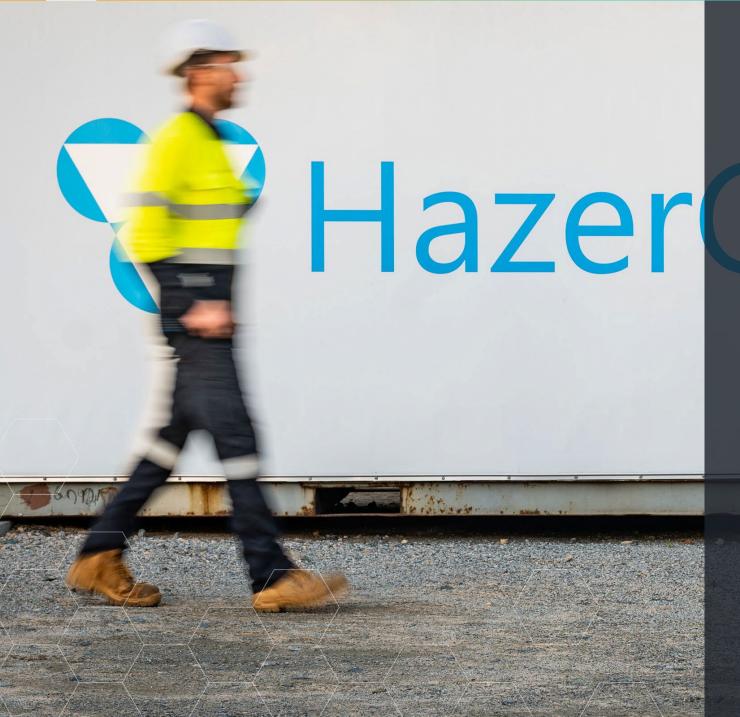
Green Deal & GDIP

METI Green Innovation Fund (\$16bln)

HAZER ELIGIBILITY

- ✓ Australia ARENA (\$9mln) & R&D tax support
- ✓ Hydrogen Headstart program commits \$2bln to industry
- √ \$8mIn CleanBC provincial government grant secured
- ✓ Further provincial and federal level funding available
- ✓ Up to \$3/kg H₂ production tax credit
- ✓ Australia-US Climate Compact facilitates access
- ✓ ENGIE PFS confirms Hazer meet EU thresholds for low emissions hydrogen
- ✓ Funding options being explored by partnership
- ✓ Japanese Government support likely for Chubu/Chiyoda Project
- ✓ Funding options being explored by partnership





Hazer Group Ltd ASX:HZR

> **Investor Relations Enquiries:** contact@hazergroup.com.au

> Media Enquiries: hhowlett@we-worldwide.com













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