

WORLD HYDROGEN CONFERENCE PRESENTATION

PERTH, AUSTRALIA; 10 May 2023: Hazer Group Ltd ("Hazer" or the "Company", ASX: HZR) advises of its participation at the World Hydrogen 2023 Summit and Exhibition Conference being held this week in Rotterdam, the Netherlands.

Hazer's Managing Director, Mr Glenn Corrie, is attending this week's World Hydrogen 2023 Summit and Exhibition Conference in Rotterdam to discuss and present the Company with the European investment community.

Attached is the presentation that Mr Corrie will be speaking to at the summit.

This announcement was authorised for release by the Board of the Company.

[ENDS]

ABOUT HAZER GROUP LTD

Hazer Group Limited ("Hazer" or "The Company") is an ASX-listed technology development company undertaking the commercialisation of the Hazer Process, a low-emission hydrogen and graphitic carbon production process. The Hazer Process enables the effective conversion of natural gas and similar methane feedstocks, into hydrogen and high-quality advanced carbon materials, using iron ore as a process catalyst.

Forward-looking Statements

This announcement may contain certain "forward-looking statements" which may not have been based solely on historical facts but are based on the Company's current expectations about future events and results.

Where the Company expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. However, forward-looking statements are subject to risks, uncertainties, assumptions, and other factors, which could cause actual results to differ materially to futures results expressed, projected, or implied by such forward looking statements.

The Company does not undertake any obligation to release publicly any revisions to any "forward-looking statements" to reflect events or circumstances after the date of this announcement, or to reflect the occurrence of unanticipated events, except as may be required under the applicable securities laws.

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ASX:HZR

Hazer Group Ltd

*Clean hydrogen technology
to decarbonise the world*

World Hydrogen Summit, Rotterdam

10 May 2023



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Important information

This presentation has been prepared by Hazer Group Limited ("Hazer" or "the Company")

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Acceptance By attending a presentation or briefing, or accepting, accessing or reviewing this document you acknowledge, accept and agree to the matters set out above.

Investment Highlights

Well positioned to play a leading role in global decarbonisation



Rapidly Growing Hydrogen Demand with forecast global market size US\$12 trillion by 2030



Innovative, Proven and Proprietary low emission H₂ technology with strong competitive advantage



Commercial Demonstration Plant de-risking scale-up with production online in 2023



Commercial Scale-Up on-track with Suncor/Fortis Burrard-Hazer Plant, Canada



Unique Potential to benefit from growing global decarbonisation initiatives in traditionally hard-to-abate sectors



Established Global Partnerships across strategic markets with tier-1 partners

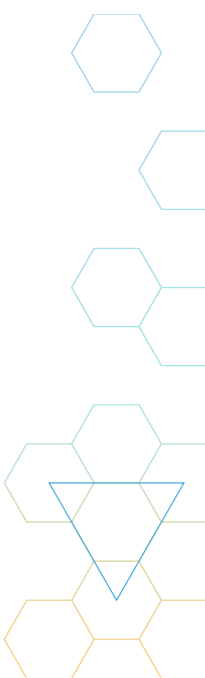


Clear Pathway to Deploy and License Technology in multiple jurisdictions at commercial scale



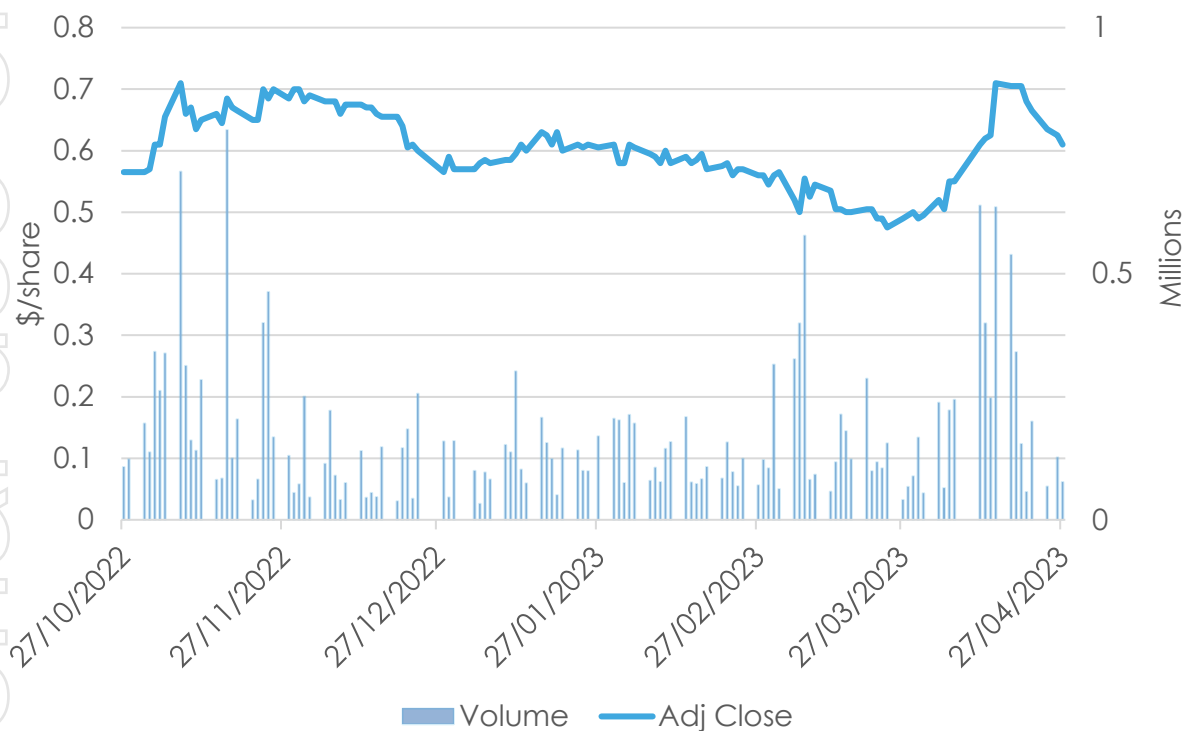
Experienced **Board and Management** team to execute on growth plan

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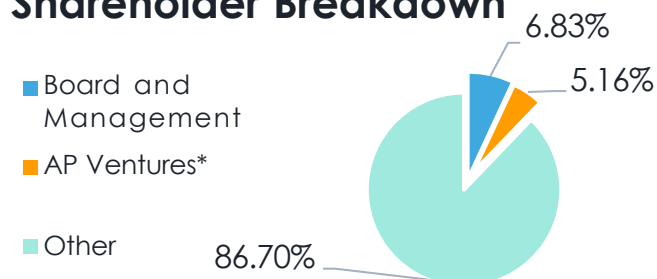


Corporate Overview

HZR:ASX Share Price History



Shareholder Breakdown



*AP Ventures largest shareholder

Capital Structure as at 26 Apr 23

Share price	\$0.62
Market capitalisation (AUD)	\$106 million
Shares on issue	170,443,743
Debt as at 31 Mar 2023	\$4.7 million
Cash and cash equivalents*	~\$19 million
Enterprise value	~\$92 million
Capital /grant money invested to date	~\$70 million

*R&D claim of ~\$9.45m received on the 5th April 2023

Building a leading position in a rapidly growing market

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

Current
market
~95_{MTPA}

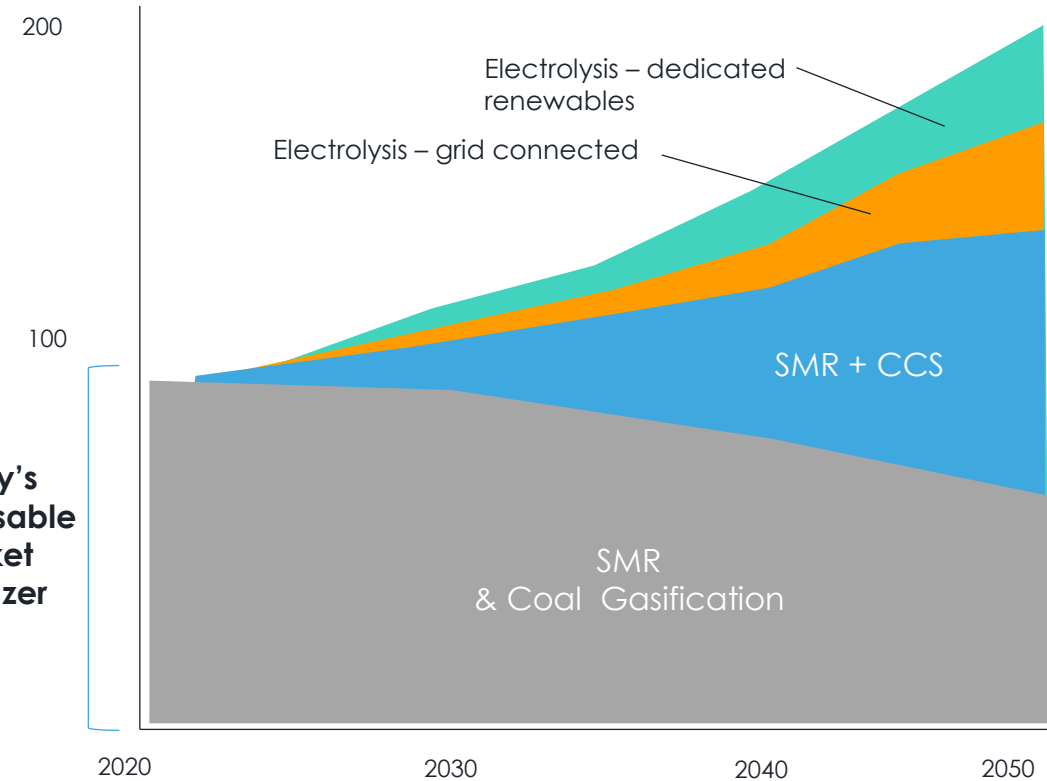


500_{MTPA}
in 2050^{*1}



© Getty Images

Today's
Addressable
Market
for Hazer



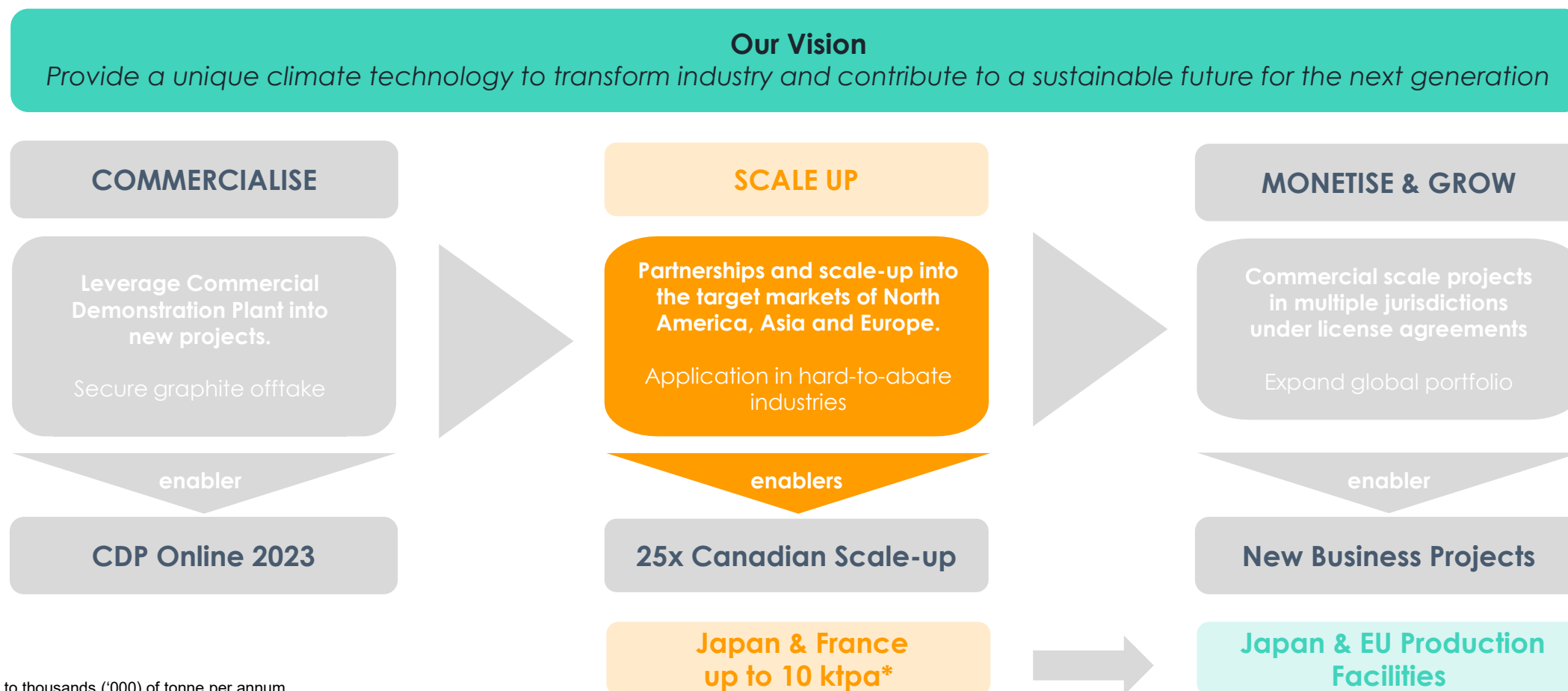
Global production of hydrogen as feedstock – in million tonnes p.a.²

¹International Energy Agency (IEA) – The Future of Hydrogen

²DNV (June 2022) – 'Hydrogen forecast to 2050'

Executing scale-up strategy in hard to abate sectors

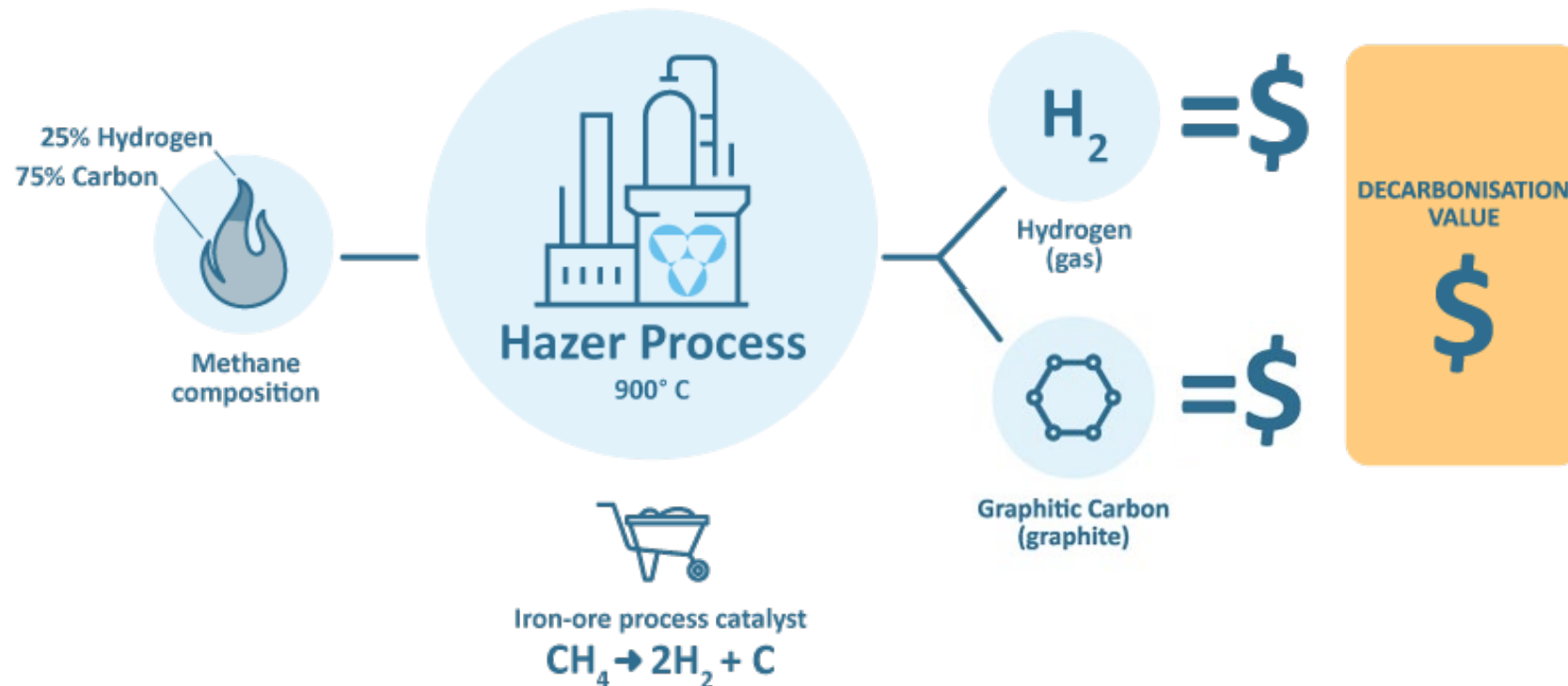
Monetise market momentum and Hazer's unique technology



* Refers to thousands ('000) of tonne per annum

The Hazer competitive advantage

Innovative low emission methane pyrolysis technology designed to produce clean hydrogen and graphitic carbon



Current technologies face multiple challenges

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

Existing Technologies

Steam Methane Reforming (SMR)

Significant CO₂ emissions

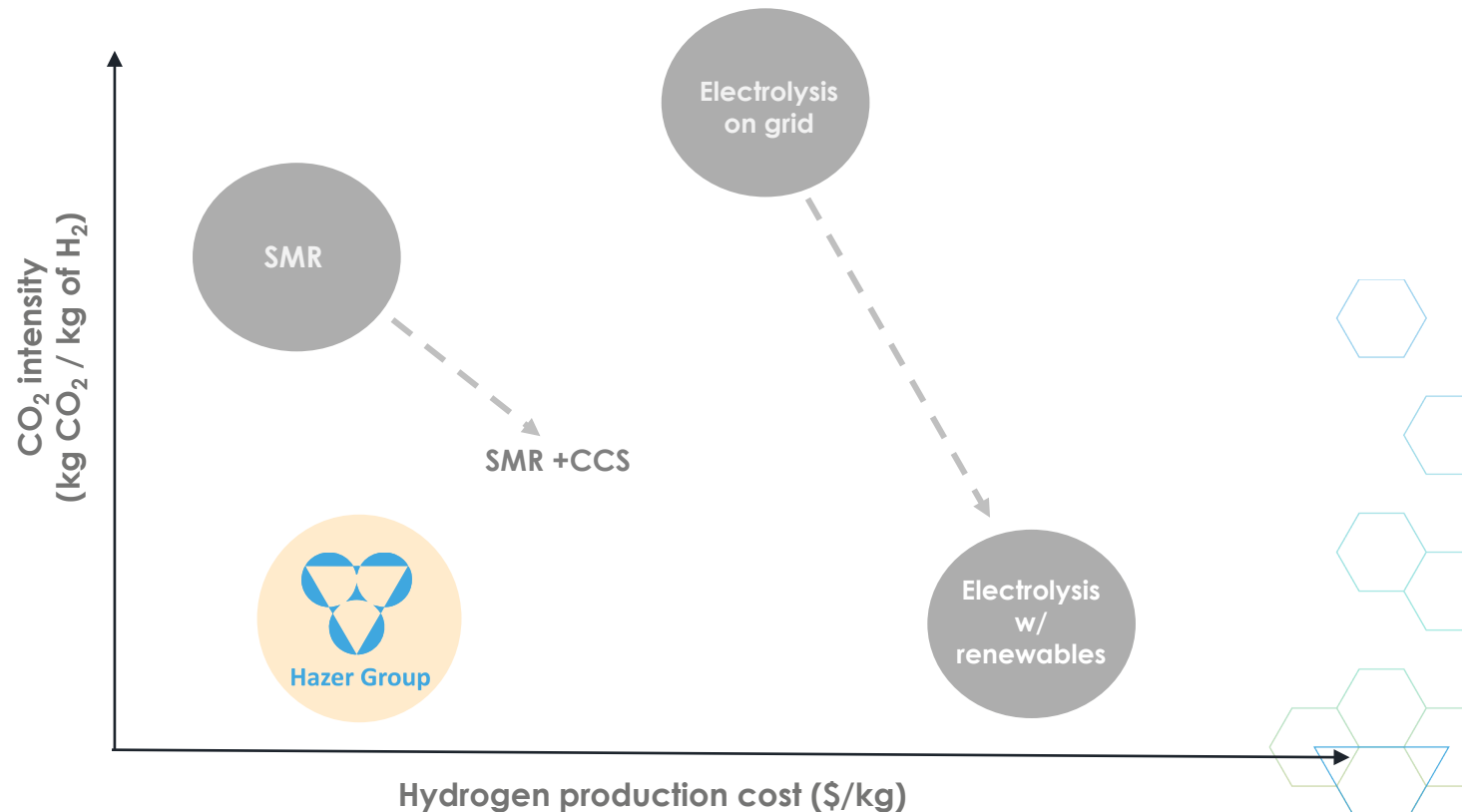
- Most widely used process for the generation of hydrogen (~95%)
- High CO₂ emissions
- Requires CCS* to address emissions; expensive and difficult



Electrolysis

Energy intensive process

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

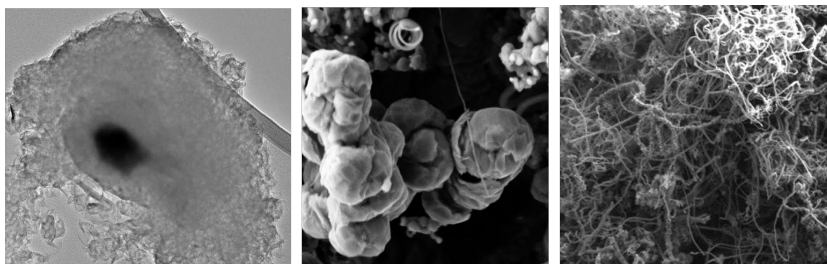


*CCS = Carbon Capture & Storage. Requires geological formations for CO₂ sequestration

Unlocking the value of Hazer graphitic carbon

Unique graphitic material tailorable to different markets

- Current focus is on high volume hard to abate sectors for early offtake – such as steel industry
- Graphite purity ex-reactor 80 - 95% (wt) - can be increased to >99+% using various purification techniques
- Longer maturity prospects in high value markets in development such as energy storage



Mitsui MOU Hydrogen & Decarbonisation Strategy

- Mitsui & Co is a leading international trading and investment group based in Japan.
- MOU signed with Mitsui to jointly investigate the market for Hazer graphite.
- Explore possible customers, applications and partners in Asia, Oceania, Northern America, Europe and the Middle East.
- Focus on hard to abate sectors such as steel making and chemical industries.



Successful technology development & up-scaling

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

(<1g* batch)



2007–2013

Bench scale testing

- University of Western Australia
- PhD (Dr. A. Cornejo)
- Concept evaluation

(<100g* batch)



2016–present

Scaled up bench test

- University of Sydney
- Catalyst kinetics and process research

(~1Kg* batch)



2017

Bench scale fluidised bed

- University of Sydney
- Conceptual testing of fluidised bed concept

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

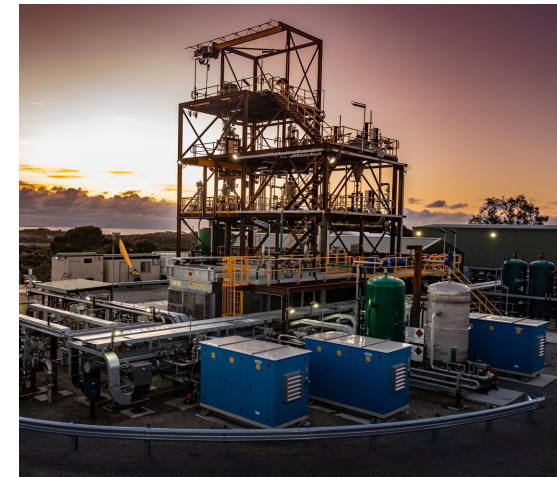


2017–2021

Pilot Plant

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

(< 60kg/hr* continuous**)



2022–2023

Commercial Demonstration Plant (CDP)

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

25x
Scale-up
Plant



FORTIS BC™

SUNCOR
ENERGY

2025

Burrard-Hazer Hydrogen Project

- BC, Canada
- 2,500tpa
- Targeted RFSU 2025

Established presence in target markets

NORTH AMERICA

- MOU with Suncor and FortisBC to develop 2,500 tpa Hazer facility in Canada



EUROPE

- MOU with ENGIE to develop hydrogen production facility in EU



ASIA

- Mitsui MOU to investigate market for Hazer graphite
- PDP with Chubu & Chiyoda for Hazer facility in Japan*



POLICY SUPPORT

North America

Inflation Reduction Act allocates \$369bn to climate stepping up commitment to develop hydrogen technologies

Europe

Green Deal & GDIP supports net-zero technology development and accelerating access to funding

Asia-Pacific

Selected countries with dedicated decarbonisation / hydrogen strategies - Japan, Korea, Singapore & Australia

AUSTRALIA

- Commercial Demonstration Plant (CDP)

* PDP refers to Project Development Plan

Transformational project in Japan market

Hazer successfully expands its relationship with existing partner Chiyoda to jointly prepare a development plan with Chubu Electric for a Hazer facility in Chubu, Japan



Preparation of a Project Development Plan ("PDP") for a commercial scale facility

Target H₂ production capacity up to 100,000 tpa, with an initial capacity between 2,500-10,000 tpa

Chubu Electric to utilise H₂ as a fuel for power generation and for industrial applications

Plan to be completed during 1H 2024. Targeted initial start-up late 2020's

Advancing collaboration for first project in EU

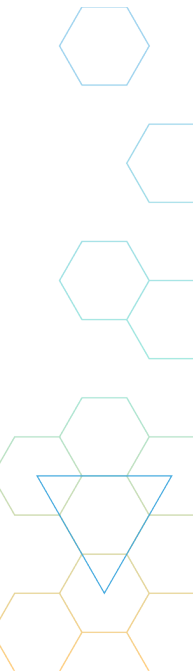
Facility to be located at the existing LNG import terminal in Montoir-de-Bretagne, France

- Partnering with ENGIE, a French multinational utility company
- 2022 Pre-Feasibility Study confirms Hazer can meet EU frameworks for low-emissions hydrogen production
- Preparation of Project Development Plan for commercial-scale facility with production capacity of at least 2,500 tonne per annum
- Project site identified as existing LNG import terminal at Montoir-de-Bretagne, operated by ENGIE's affiliate company ELENGY
- H2 to be used in a variety of application including industry and mobility



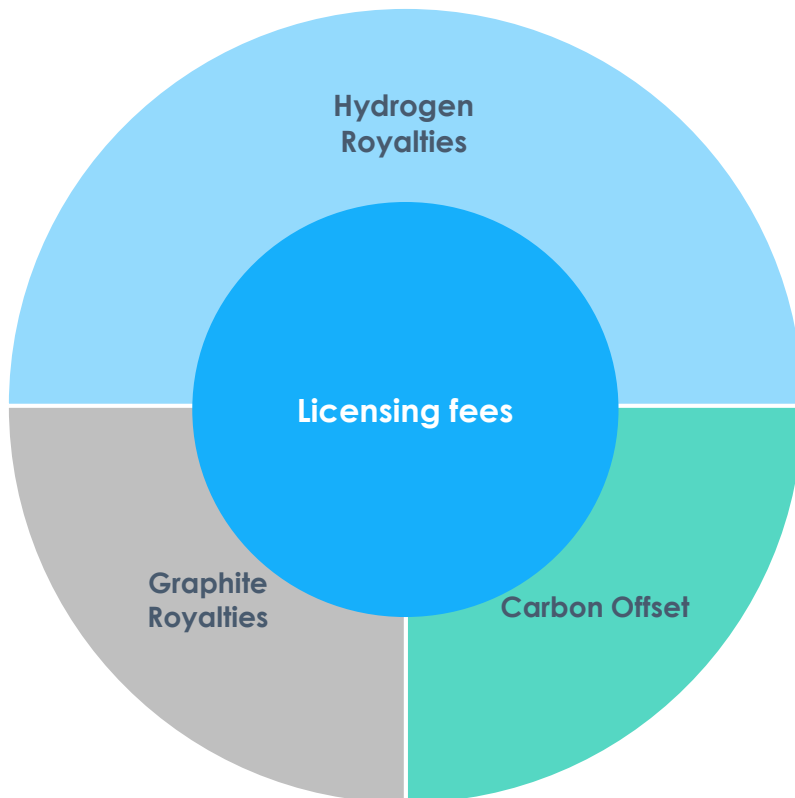
LNG tankers at the Montoir-de-Bretagne LNG terminal, France

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“Capex-lite” business model to enable early free-cashflow

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



One technology, two markets

- OPEX shared by two product streams (H₂ & graphitic carbon)
- Competitive differentiator is its ability to serve supply & demand side

Revenue model to include a 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 focuses Hazer’s strength as technology provider and licensor:

- Partnership model targets tier-1 project proponents, e.g. Suncor, with expertise in project management & EPC
- Any capex exposure risk-assessed on strategic & commercial merit

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Key Activities

	CY2023		CY2024
	H1	H2	Q1
Commercial Demonstration Plant (100 tpa)	Procurement and fabrication, Engineering & Installation		
		Ready for Start-up	
			Final Commissioning
Suncor & Fortis 2,500 tpa Burrard Plant	FEED Studies in Canada and targeted FID		
Mitsui MOU	Developing market for Hazer Graphite		
NEW Potential Projects	Negotiate Commercial Agreements		
Corporate Updates	ARENA Grants	R&D Rebates	Site Visit

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