

HazerGroup Limited

Developing a low cost, low emission hydrogen and
graphite production process

Post IPO Progress – June 2016



Disclaimer

This presentation has been provided to selected parties (“Recipients”). The presentation (and the information contained herein) is confidential to Hazer. It is not intended for and should not be distributed to any other person than as permitted herein. By acceptance, the Recipient agrees that it will not transmit, reproduce or make available the presentation (or any information contained herein) to anyone other than to its employees or professional advisers without the prior written consent of Hazer, and any permitted disclosure to the Recipient’s employees or professional advisers will be on a confidential basis, and solely for the purposes only of assessing the information contained herein. All information contained in this presentation or subsequently provided to the Recipient of this presentation whether orally or in writing by or on behalf of Hazer or their respective employees, agents or consultants (“Information”) is provided to the Recipients on the terms and conditions set out in this notice.

The purpose of the presentation is to provide Recipients with information relating to the business opportunity described in this presentation. The presentation has been prepared by Hazer and each Recipient must make its own independent assessment and investigation of the business opportunity and should not rely on any statement or the adequacy or accuracy of any Information. The recipient should not treat contents of this presentation as advice relating to legal, taxation or investment matters and should consult its own advisers. The advisers to Hazer take no responsibility for the contents of the presentation. The presentation does not purport to contain all the information that a prospective investor may require. In all cases, before acting in reliance on any Information, the Recipient should conduct its own investigation and analysis in relation to the business opportunity and should check the accuracy, reliability and completeness of the Information and obtain independent and specific advice from appropriate professional advisers.

Hazer makes no representation or warranty (express or implied) as to the accuracy, reliability or completeness of the Information. Hazer and its respective directors, employees, agents and consultants shall have no liability (including liability to any person by reason of negligence or negligent misstatement) for any statements, opinions, information or matters (express or implied) arising out of, contained in or derived from, or for any omissions from the presentation, except liability under statute that cannot be excluded.

The presentation contains reference to certain intentions, expectations and plans of Hazer. Those intentions, expectations and plans may or may not be achieved. They are based on certain assumptions which may not be met or on which views may differ. The performance and operations of Hazer may be influenced by a number of factors, many of which are outside the control of Hazer. No representation or warranty, express or implied, is made by Hazer or any of its respective directors, officers, employees, advisers or agents that any intentions, expectations or plans will be achieved either totally or partially or that any particular production or rate of return will be achieved.

Except where stated, the information disclosed relates to the proposed business of Hazer at the date of this presentation. No responsibility is accepted to advise any person of any change subsequent to this date.



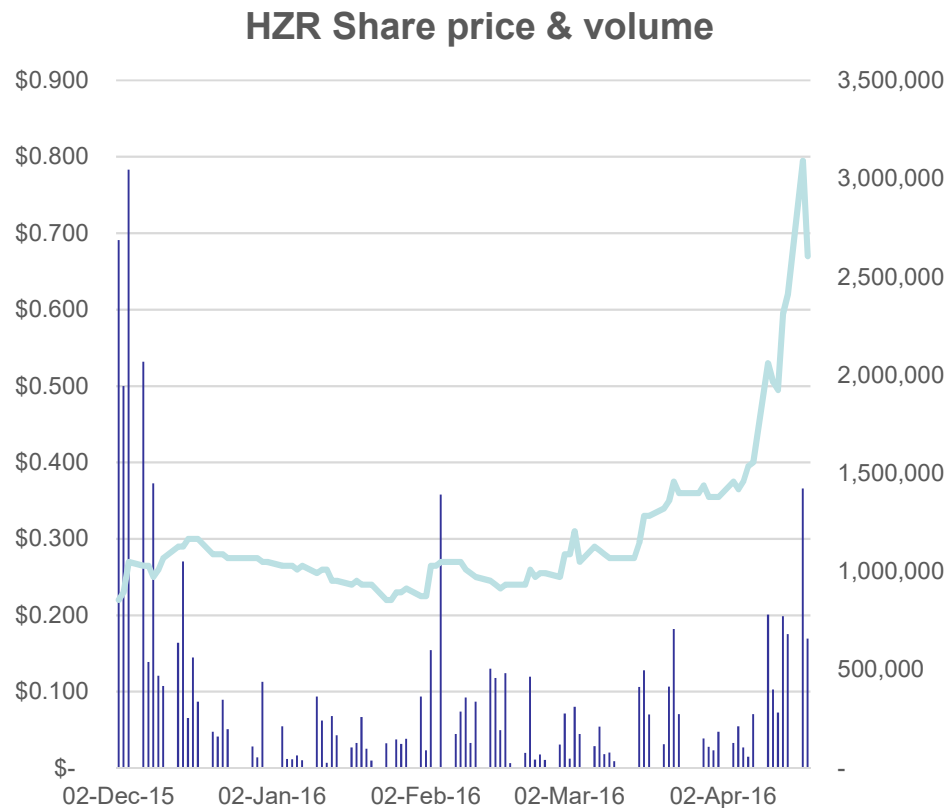
Overview and Market Snapshot

- Hazer Group Ltd is the commercialisation entity for the Hazer Process – a novel potential low cost, low emission hydrogen and graphite production technology developed at the University of Western Australia.
- Recently completed \$5m IPO capital raising and listing on ASX (ASX:HZR)
- IPO supported by Mineral Resources Ltd (ASX:MIN)
- Funds will provide up to 2 years of ongoing development, up to demonstration / pilot plant scale

Current Shares on Issue	64.5m
(Restricted Securities)	(11.3m)
Total tradeable shares	53.2m
Trading range (Post IPO)	\$0.22 - \$.0.85
Last	\$0.50
Market Cap'n (@\$.0.50)	\$32m
Cash	\$5m
<i>Total Options (post Entitlement)</i>	<i>47.1m</i>
<i>Cash from option exercise</i>	<i>\$18.4m</i>

Significant Shareholders	Shares
Mr Geoff Pocock (MD)	4.2m
Dr Andrew Cornejo (CTO)	3.8m
Mineral Resources Ltd	2.0m
UWA	1.7m
Total Top 20	~42%

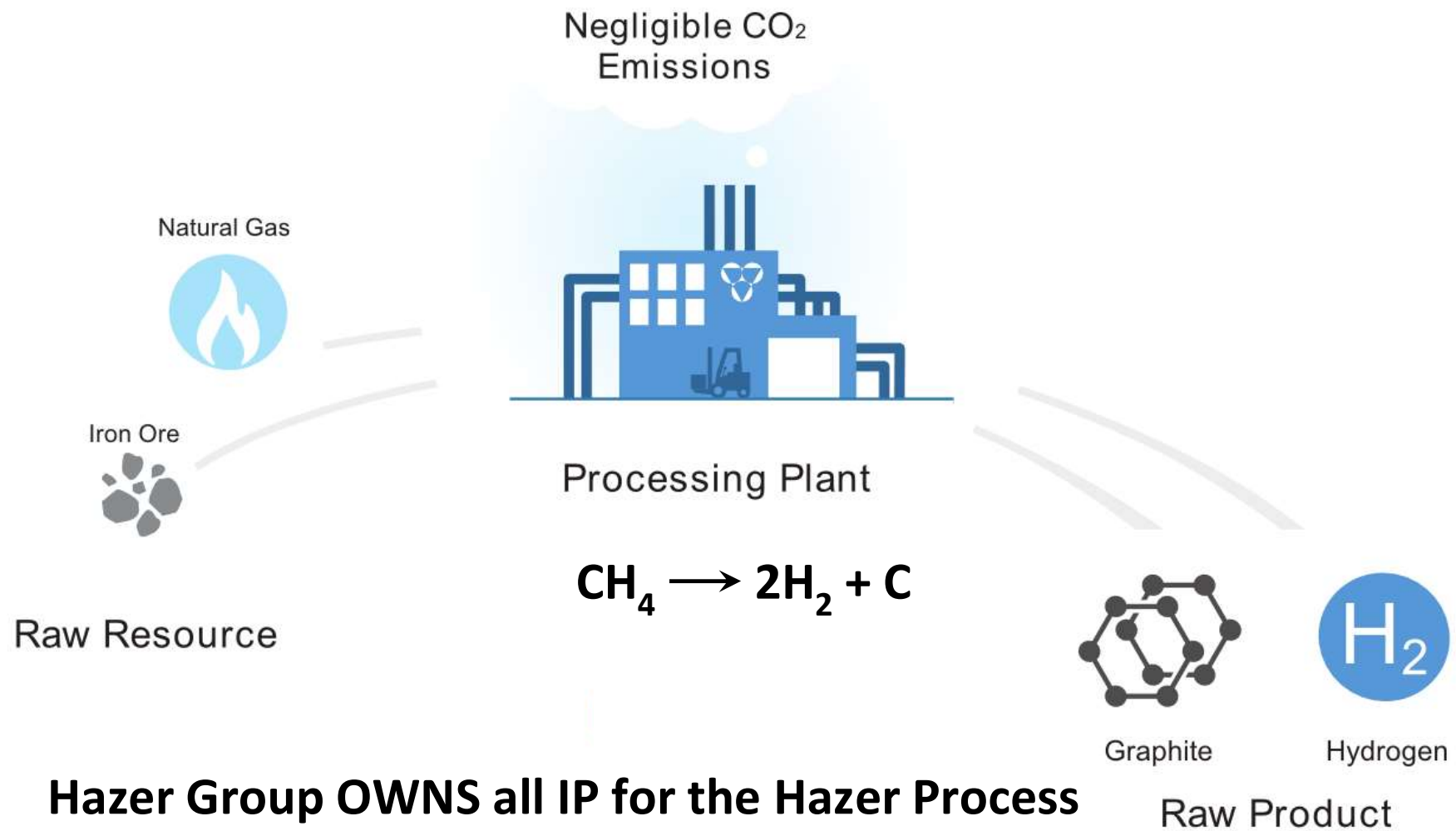
Post IPO Performance and News



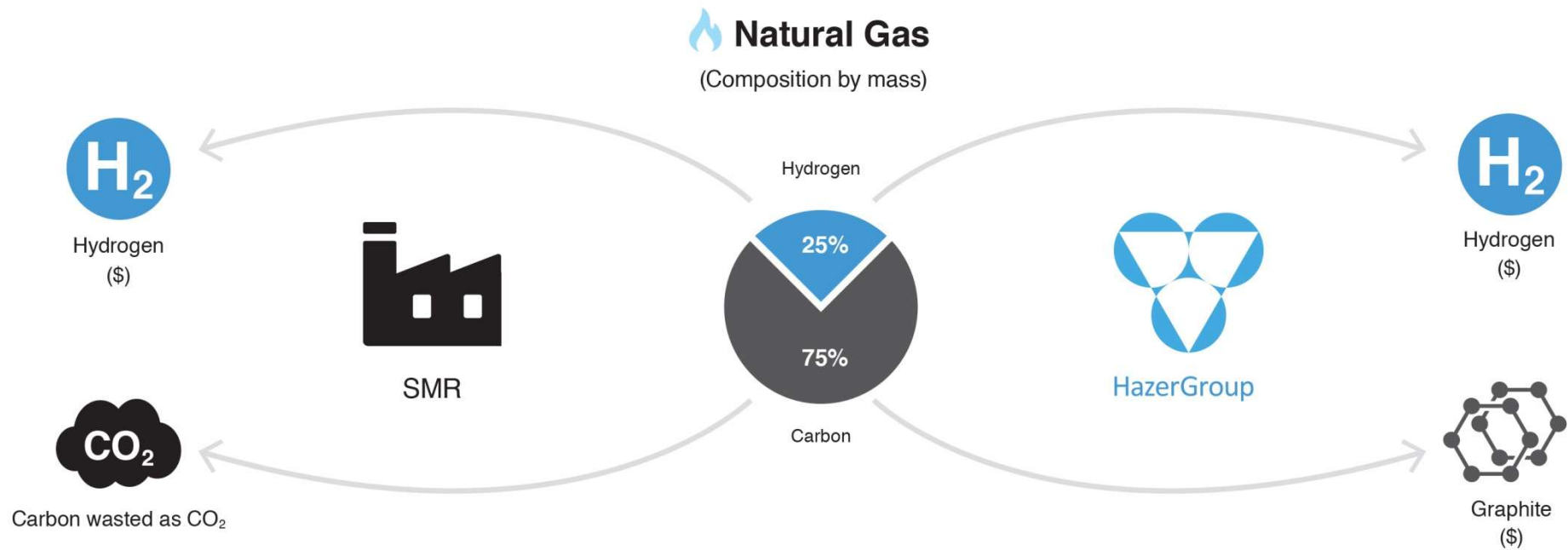
Post IPO Announcements

- 5 Feb 2016 – Collaboration with Sydney University
- 16 Mar 2016 – Strategic investor placement, appointment of Terry Walsh
- 17 Mar 2016 – UWA - graphene collaboration, partnership with Kemplant
- 21 Mar 2016 – Entitlement Issue Prospectus
- 23 May 2016 – Commercialisation Progress Update

Hazer generates two valuable products from easily accessible feeds



The Hazer Process captures all the value within feedstock gas





Rewduced Commercial, Reduced Technical Risk

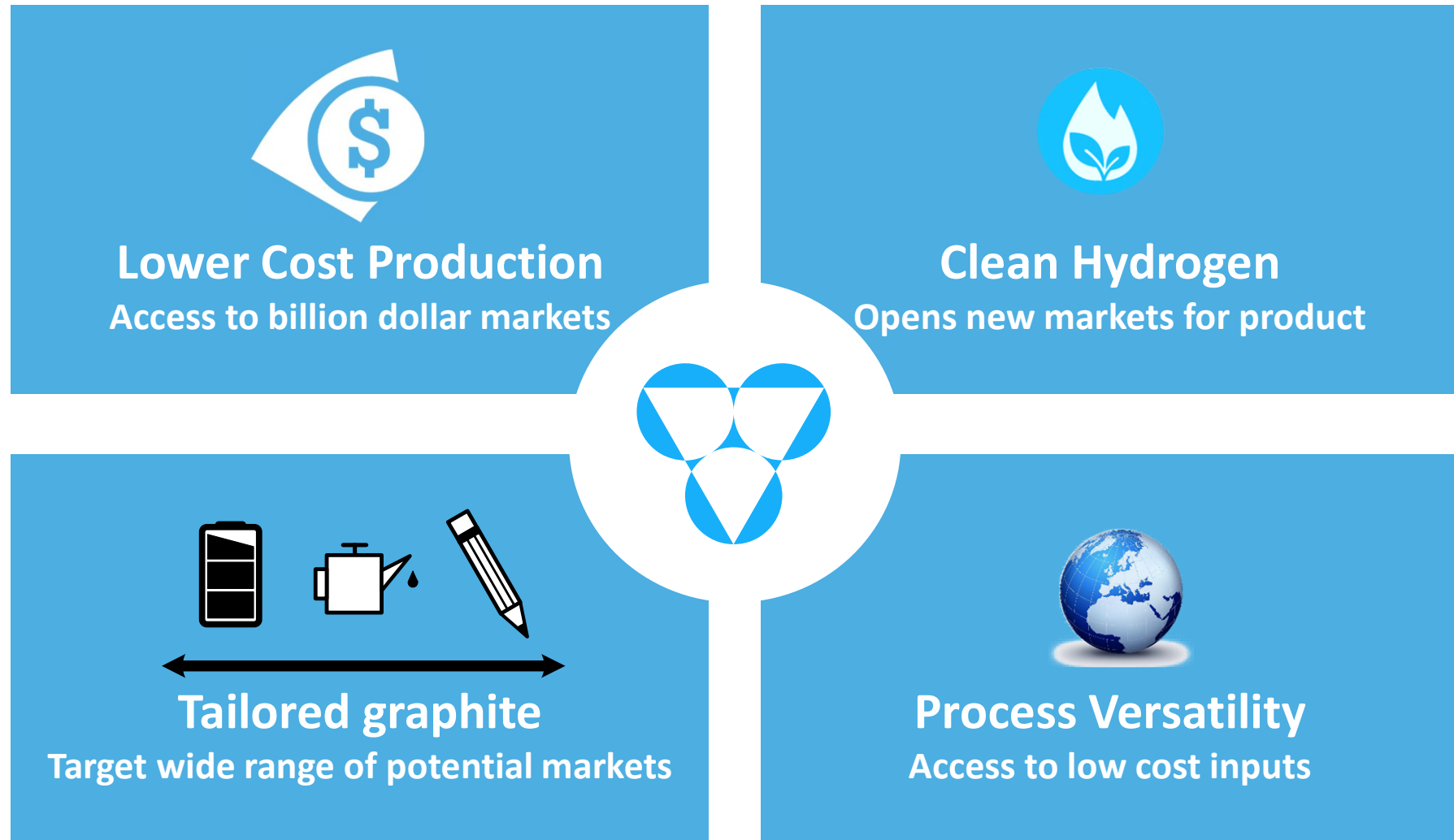
Reduced Commercial Risk

- Natural gas to hydrogen conversion is currently done on industrial scale (steam methane reformation - SMR)
- Majority of SMR plant infrastructure would be similar for Hazer process plant
- Hazer will review potential to retrofit Hazer reactor into existing SMR production plant

Reduced Technical Risk

- Catalytic decomposition of methane has previously been developed to pilot plant scale
- Technical issues for scale up of Hazer process have been addressed in comparable systems
- Previous development hindered by economic rather than technical issues
- Hazer's core innovation is use of low cost catalyst that addresses underlying economic barrier to development

Hazer potentially has multiple competitive advantages





Ongoing development with sustained news flow

With IPO funds available, Hazer will demonstrate significant progress in short term (during 2016)

- ✓ Secured research partnership with Sydney University
- ✓ Commissioning of larger scale reactors (ongoing)
- ✓ Strategic and collaborative partnerships with research and commercial partners (ongoing)
 - Bulk (1kg+) graphite synthesis
 - Third party validation of graphite utility
 - Design and specifications for demonstration plant

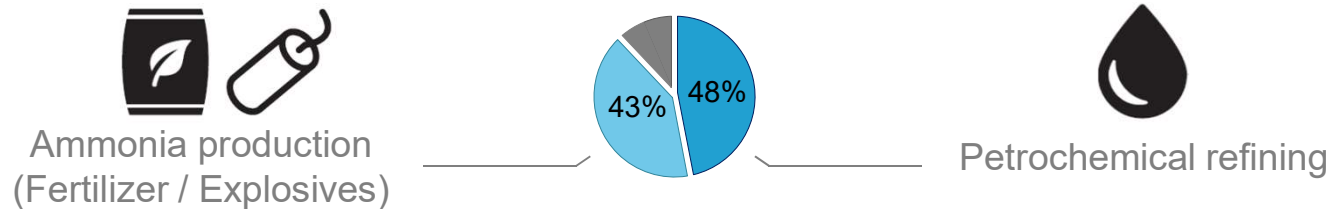
Medium term development milestone is commissioning of demonstration plant (2017)



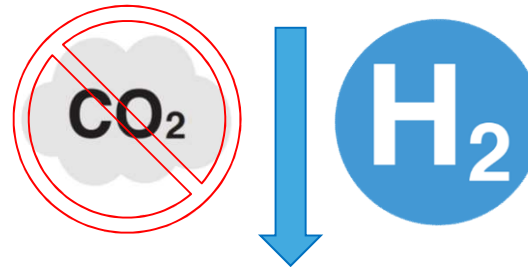
Hydrogen Market

Hydrogen - a massive global market, and further “step change” growth

Current market - \$100Billion Industrial Chemical



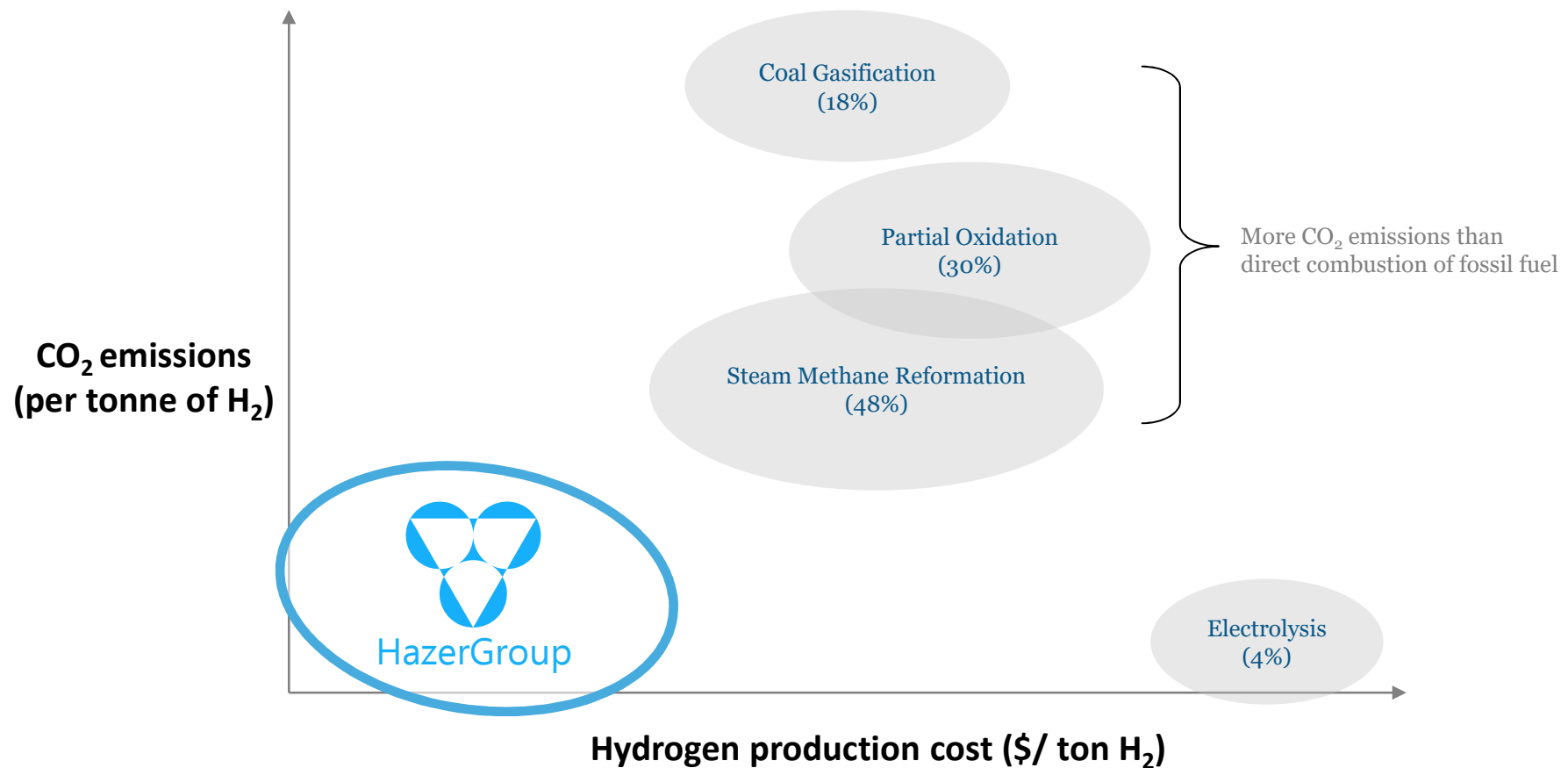
Significant CO₂ with current hydrogen production => Barrier to growth

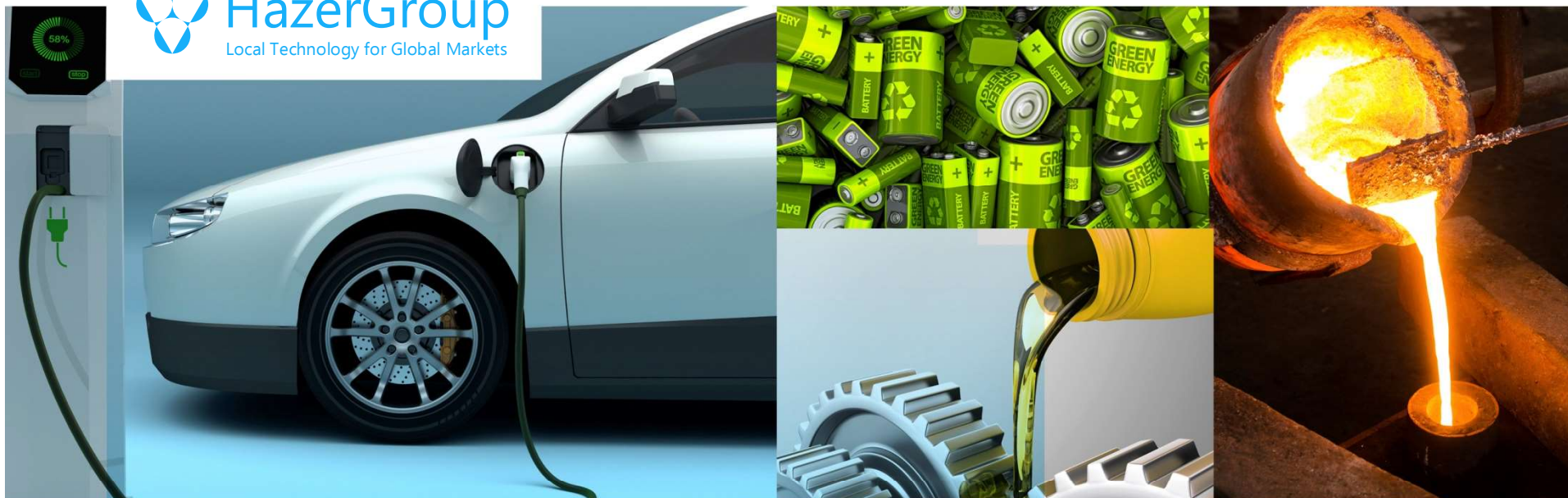


Clean (CO₂-free) hydrogen has potential to access **clean energy markets**



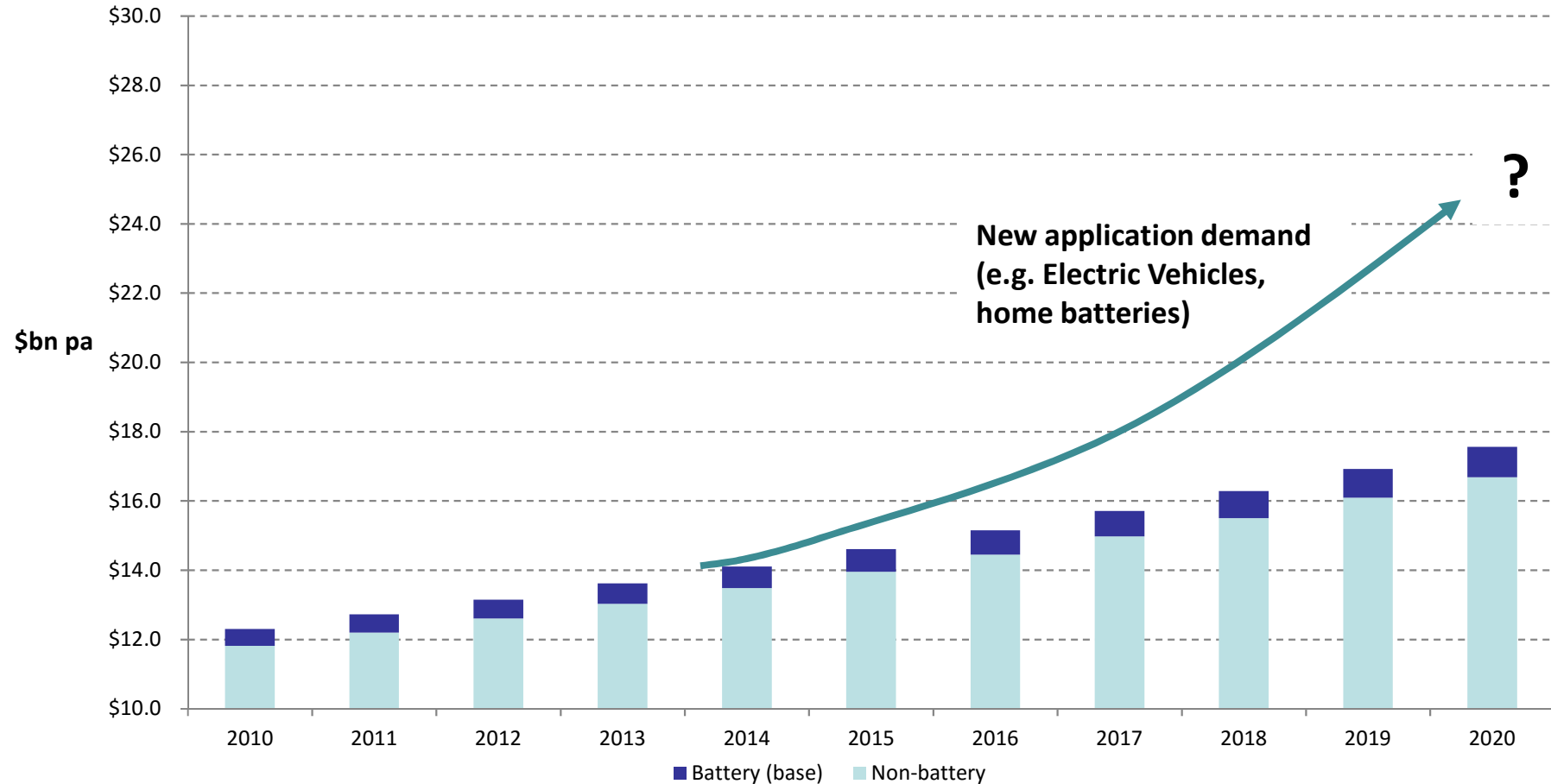
The Hazer Process potentially offers lowest cost, cleanest hydrogen production





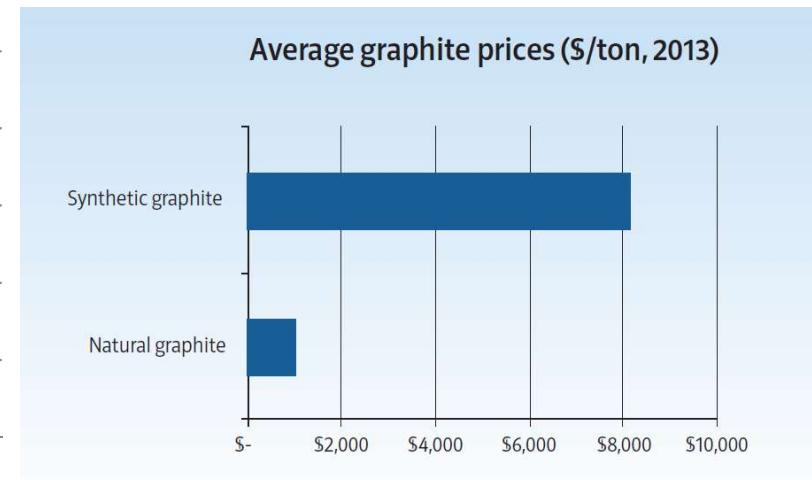
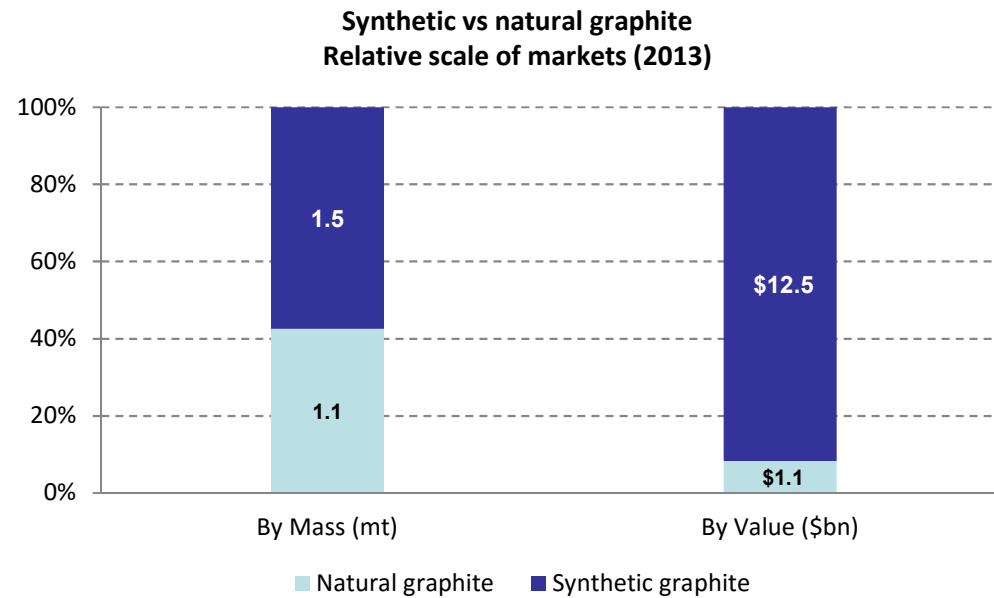
Graphite Market

Multi-billion dollar graphite market with sustained growth



Source: Persistence Mkt research (2015),

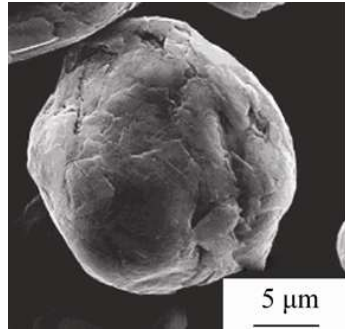
Graphite market is dominated by synthetic graphite



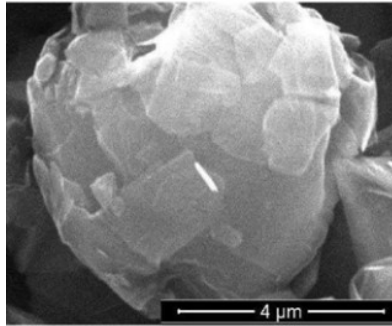
Hazer generates synthetic graphite with high purity and high crystallinity

Source: Persistence Mkt research (2015),

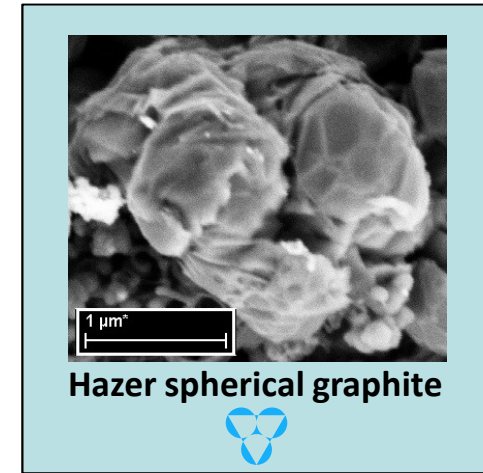
Hazer graphite – spherical graphite for battery markets



Synthetic spherical graphite



Spherical graphite
(from natural flake)



Hazer spherical graphite

Hazer provides a potentially **lower cost** alternative to existing spherical graphite options

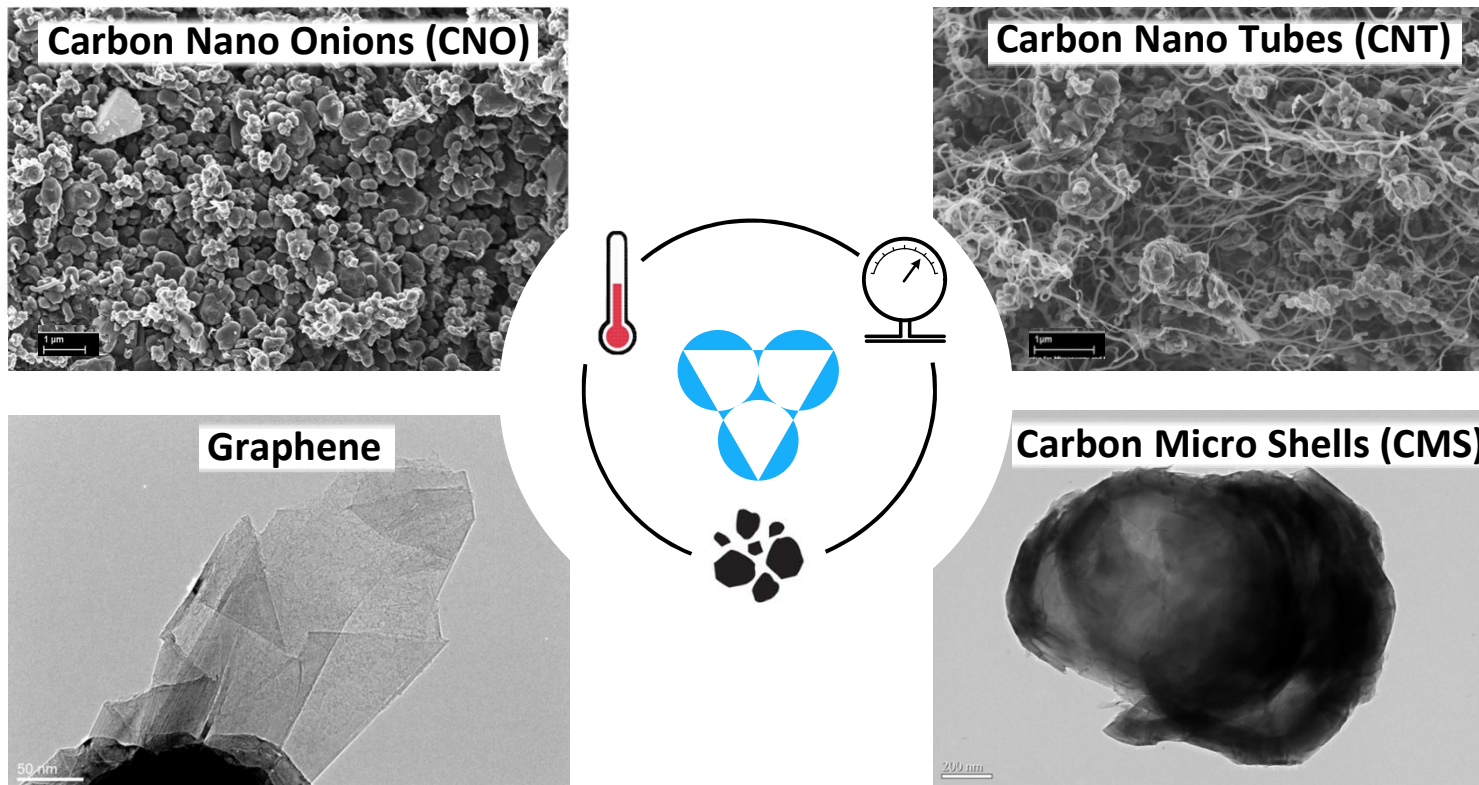
Current spherical graphite sources:

- Synthetic (\$10,000 - \$20,000/t) – high energy process produced from petroleum coke
- Natural flake (\$7,000 - \$8,000/t) - 6+ stages of processing; not all resources can be used

Hazer spherical graphite is potentially:

- Higher surface area (smaller physical size and hollow)
- Less complex to produce (single processing stage)
- Lower cost to produce

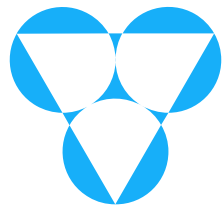
The Hazer Process offers access to ultra premium graphite structures





Commercialisation Strategy

Hazer is targeting multiple commercialisation options at a range of commercial scales



Scale*	Application
~100-500 tpa	Distributed hydrogen production for vehicle refuelling infrastructure
~5,000 tpa	Premium graphite products
~80,000 tpa+	Hydrogen (Industrial chemicals)

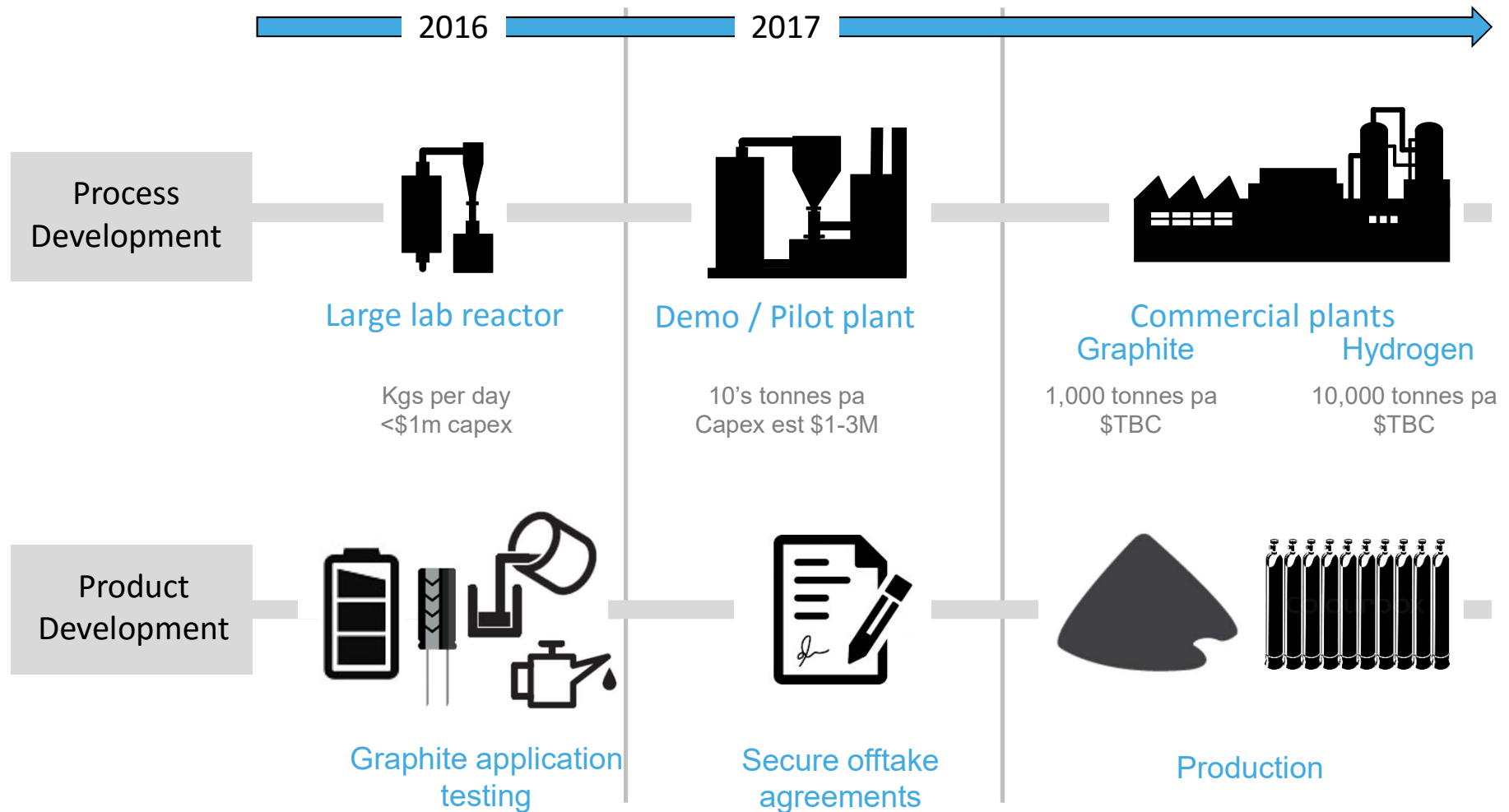
* Total products (20-25% hydrogen / 75%-80% graphite)

Commercialisation options

License	Hazer owns IP and can license to third party – sell IP rights for high margin royalty
BOO / BOOT	Hazer can construct and own plants and sell products
Agency / hybrid	Share capital cost / operating costs where partner has interest in only one product

Different commercialisation options can offer diversified revenue streams

Commercialisation development plan

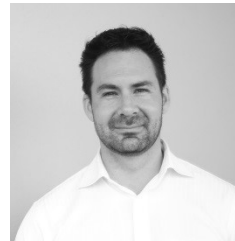


An experienced and capable team



Mr Geoff Pocock | MD

- Principal, Polaris Consulting (WA)
- Founder, HazerGroup Ltd
- Over 15 years experience in commercialisation, corporate finance and strategy
- Ex Managing Partner mid tier strategy consulting business
- Tertiary qualifications in Chemistry, Law and Applied Finance



Dr Andrew Cornejo | CTO

- PhD and key researcher on Hazer project
- Lead inventor on a number of patents.
- Commercial experience in engineering consultancy and resources project development.
- Bachelor of mechanical engineering and commerce (UWA), Graduate Cert in research commercialization (QUT)



Mr Terry Walsh | CDO

- Commercial lawyer with 20 years project development experience
- Former General Counsel, Hancock Prospecting Pty Ltd
- Previous roles with Rio Tinto, and leading law firms in Perth and Sydney, focusing on development of major projects.

Mr Rick Hopkins | Chairman

- Partner, PKF Lawler
- Substantial director experience in public and private entities, plus significant corporate finance and tax expertise
- Fellow of the Institute of Chartered Accountants, Fellow of the Financial Services Institute of Australasia

Ms Danielle Lee | Director

- Special counsel at Jackson McDonald corporate advisory team.
- Corporate lawyer with more than 20 years' experience with approximately 9 years as legal counsel at ASX Sydney and Assistant Manager at ASX Perth.
- Main practice areas are corporate advisory, governance and equity capital markets; regularly advises on issues relating to the Corporations Act and ASX Listing Rules

Mr Bryant McLarty | Director

- Principal, Mac Equity Partners
- Significant public capital expertise in technology commercialisation companies
- Led recapitalisation and growth strategy for Structural Monitoring Systems PLC (ASX:SMN)
- Previously Exec Chairman of PharmAust (ASX:PAA), non-exec director Avation PLC (LSE:AVAP)

For further information please contact:



Mr Geoff Pocock
Managing Director, HazerGroup Ltd

Ms Emma Waldon
Company Secretary, HazerGroup Ltd

contact@hazergroup.com.au
www.hazergroup.com.au

