



AGM Presentation 2024

Shaping the Future of Water and Energy

Fresh water

Mine tailings

Energy metals

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Corporate Snapshot

Financial Highlights

ASX Code	CNQ
Share Price*	A\$0.33
Number of Shares*	72.2m
Market Capitalisation*	A\$24m
Cash*	A\$1.7m
Performance Rights*	3.1m
Quoted Options*	2.3m

*As at 30 Sept 24

Top Shareholders *

Mr Robert M Friedland	15.8%
Soane Labs	9.9%
Pengxin Holdings	7.2%
Fidelity Investments (Boston) *	5.2%
Directors & Management	4.0%
Other	57.9%

*As at date of last
noticed lodged on ASX



About Us

Energy and water are inextricably linked, forming the foundation of our modern existence. The increasing fragility of global water supplies, driven by climate change, overuse, and pollution, demands immediate and decisive action.

At Clean TeQ, we are committed to pioneering solutions that address water scarcity and support sustainable energy production.



Competitive Advantage



Innovative Technologies

innovative and focused

addressing the nexus between water scarcity, decarbonisation, renewable energy and environment



High Performance Solutions

maximum recovery

minimise waste and address complex treatment challenges.



Market Growth Potential

multi-million dollar markets

brines, mining tailings management, industrial wastewater reuse, and drinking water treatment.

Through state-of-the-art technology and innovative business models, Clean TeQ is positioned to drive sustained growth while helping industries meet strict environmental standards.

Investment Highlights



EXPERIENCED LEADERSHIP TEAM

Key leaders in all business units with depth of experience



MULTI BILLION DOLLAR IDENTIFIED AND TARGETED MARKETS

Business models offer investors exposure to diverse markets by harnessing CNQ technologies' potential



PATENT PROTECTION ACROSS THE VALUE CHAIN

Significant IP portfolio underpins the base for global expansion.



SALES PIPELINE

\$100m+ pipeline includes design and construct projects and asset appreciation in JVs



CUSTOMER VALIDATION OF TECHNOLOGIES

Key technologies are validated, and new projects progressed to second and third level of agreements



EXPOSURE TO ENORMOUS BLUE-SKY OPPORTUNITIES

Equity in projects give investors medium term exposure to resources markets

Management and Board



Ian Knight

Chairman

Mr Knight has worked with Boards of public, private and private equity ownership, State and Federal Governments on a range of topics including mergers, acquisitions, divestment and capital raising.

Mr Knight was formerly a Partner of KPMG where he held the position of Head of Mergers and Acquisitions and Head of Private Equity for KPMG Corporate Finance.



Robyn McLeod AM

Independent Non-executive Director

Ms McLeod AM is a respected Executive within the water and health sectors in Australia. She currently sits on the Boards of Austin Health and Yarra Valley Water.

Ms McLeod AM's previous positions include serving a Non-Executive Independent Director on the boards of Melbourne Water, Monash Health, and VicWater, and positions as independent Commissioner for Water Security for South Australia, National Director of Water at KPMG, Executive Director of Major Water Projects for the Department of Environment and Sustainability in Victoria, and Chief of Staff to the Victorian Minister for Energy Resources and Ports.



Sam Riggall

Non-executive Director

Mr Riggall has spent his career in the mining and technology industries as a company director, senior executive, adviser and investor. He has worked extensively in specialty minerals, initially as mining executive for the Rio Tinto Group's portfolio of industrial minerals businesses, and over the past decade in battery materials.

Mr Riggall is the Chief Executive Officer of Sunrise Energy Metals. Mr Riggall was formerly Head of Strategy and Planning at Ivanhoe Mines, where he worked actively in Central Asia, Africa and Australia.

Mr Riggall holds law and economics degrees from the University of Melbourne, and an MBA from Melbourne Business School.



Peter Voigt

Chief Executive Officer

Mr Voigt has a long and continuous involvement in the Clean TeQ Companies over a 30-year period, having founded the original Clean TeQ company in 1989.

The Company licenced innovative continuous ion exchange technology and developed the hydrometallurgy processes for nickel, cobalt and scandium along with several water treatment processes.

In 2008, Clean TeQ Holdings Limited ("Clean TeQ") became a public listed company (ASX: CLQ). Mr Voigt has held positions of Executive Chairman, Chief Executive Officer, Chief Technology Officer (CTO), and Board Member.

Mr Voigt graduated in Applied Sciences (Chemistry) and holds a Masters in Applied Science (Chemistry) from the Royal Melbourne Institute of Technology (RMIT University).



Magda Klapakis

Chief Financial Officer

Ms Klapakis is a seasoned finance and business leader with over two decades of experience in corporate strategy, capital raising and investor relations. She was worked with listed and unlisted innovative companies, including Tali Digital Limited, Avexa Limited, Amrad Corporation and Hydrogen Systems Australia.

Ms Klapakis has a post graduate accounting degree from Monash University and is a Fellow of the Australian Society of CPAs.

FY 2024 Highlights

Project Execution

HIROX® Water Recovery Plant in the Middle East reached Practical Completion.

Entering the Lithium Market

cDLE® pilot plant designed, constructed, pre-commissioned, and shipped to LithiumBank's Calgary facility.

LithiumBank's updated PEA: US\$600M improvement with cDLE® technology.

Mine Tailings

ATA® accelerated dewatering technology acquired.

ATA® pilot completed for major gold producer in South Africa.

Dewatering studies underway for BHP in Australia and Anglo American in Brazil.

Global Expansion

Successful piloting of PHOSPHIX® technology with Enva in Ireland.

Commenced DESALX® technology on-site piloting with Nyrstar in Belgium.

Product Development

NematiQ achieves first major sale into the hemp market in USA.

NematiQ's Graphene Membrane achieves drinking water certification in Australia.

Achievements

Laramba project wins the Australian Water Association's Infrastructure Project Innovation Award (Regional).



FY24 Key Numbers



\$12.2m

Total Revenue

Loss reduced by 41% (cf
FY23)



\$2m

Share of Profit in
Joint Venture



0 Lost Time
Injuries

Everyone home
safe, everyday



Fresh Water

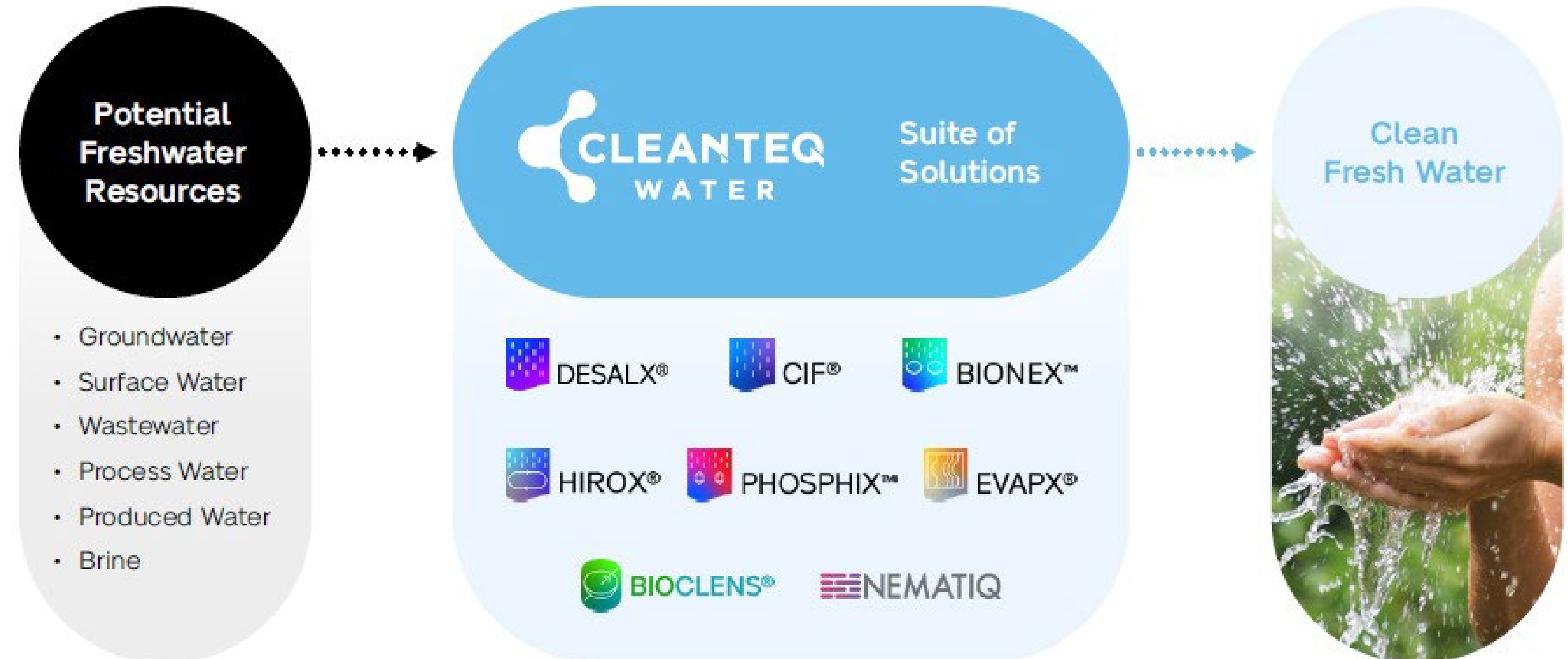
Innovating solutions that tackle water scarcity and improve water efficiency.

- **Rethinking Fresh Water Scarcity**

As the world gears up for COP28, the essential role of water in addressing the climate crisis cannot be overstated.

- **Innovating Technology to Improve Water Efficiency**

Our commitment to innovation and research drives the development of advanced technologies for water conservation and efficient use.



Innovating Solutions for Local & Global Markets



Potable Water Treatment,
Northern Territory

Uranium removal for drinking water



Surface Water Treatment, Australia

Nitrate removal for environmental discharge



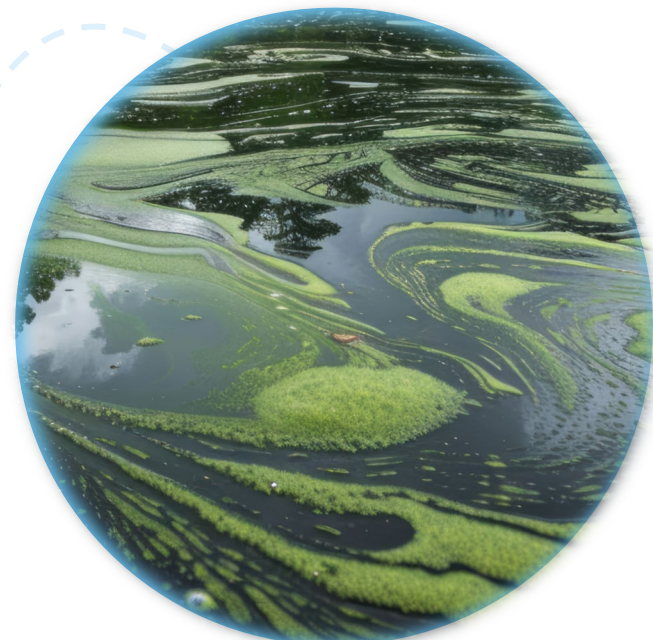
Groundwater Treatment,
Middle East

Hardness and Sulphate removal for enhanced oil recovery



In-Situ Leaching,
South Australia

Enhancing **Uranium** extraction and reducing water use



Phosphate Removal,
Ireland

Phosphate removal from industrial wastewater

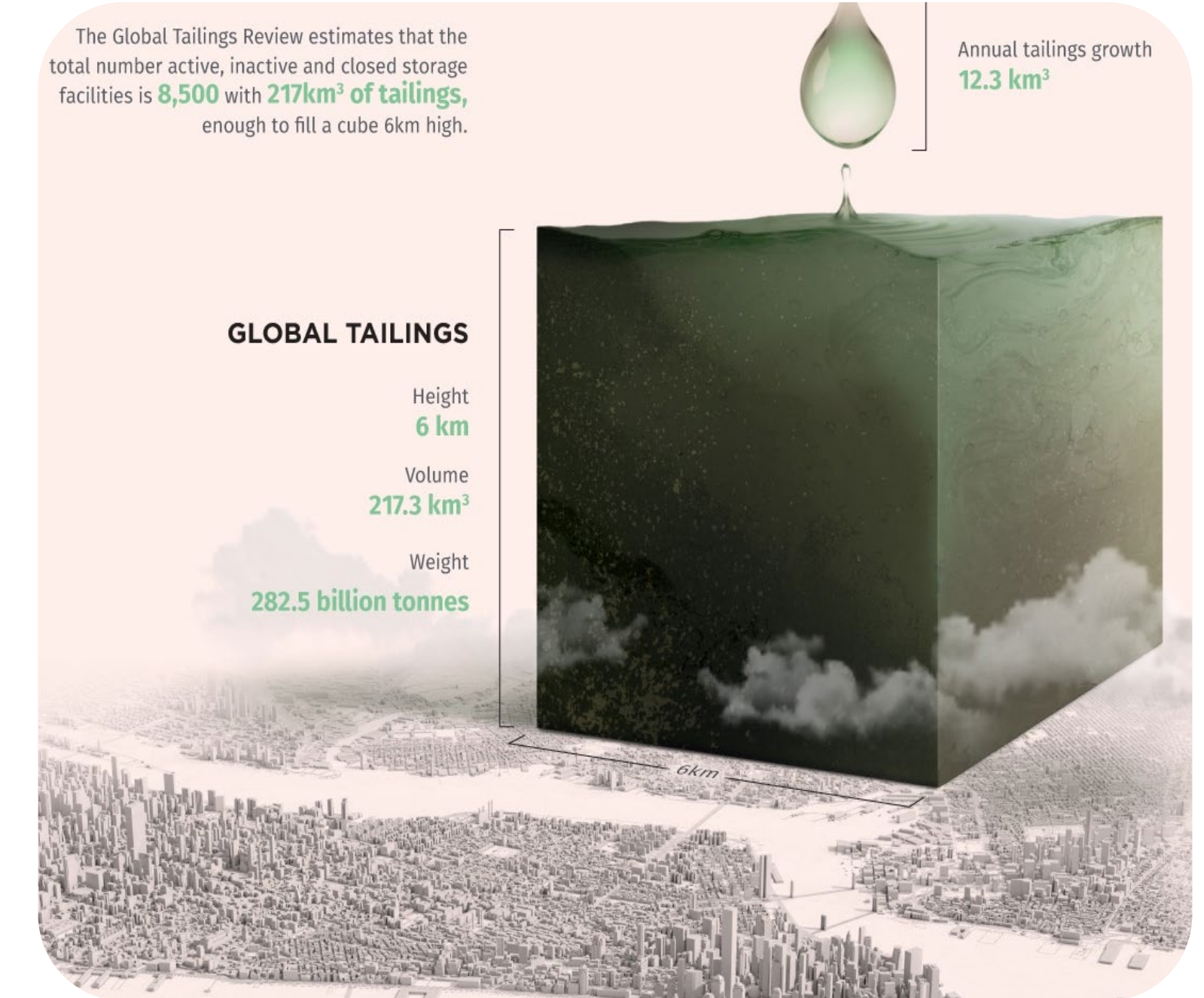


Mine Tailings

Transforming tailings into an asset and unlocking value.

The Market

- 283 billion tonnes of tailings in 8,500 active, inactive and closed storage facilities, and growing at 18 billion tonnes per annum in a multibillion-dollar market¹.
- Tailings storage facilities are becoming the Achilles heel for mining. Dry storage is now best practice.



The Future – No Tailings Dams

- **ATA® rapid tailings dewatering technology** delivers a dry tailings storage solution while offering immediate water recycling and the potential for additional metals values.
- We partner with mining companies worldwide to change their tailings processes, moving to the forefront of sustainable tailings management.

¹ Source: The Global Tailings Review

Strong Partnerships and Technology for Tailings Management

- **ATA® Dewatering Technology**

ATA® rapidly separates water and solids, producing stackable tailings and recycled water. Unlike traditional dewatering methods that rely on energy-intensive high-pressure filtration or mechanical evaporation, ATA® offers a simpler, more sustainable alternative while significantly lowering operational costs.

- **Dewatering Studies in Progress**

Dewatering studies underway for several mining companies including BHP in Australia and Anglo American in Brazil.

- **LOI signed with Harmony Gold & StitchWise**

Clean TeQ in commercial demonstration of our ATA® Dewatering Technology in South Africa.



Energy Metals

Pioneering continuous direct lithium extraction from brines to support the global energy transition.



- GO2LTHIUM** a JV with **Ivanhoe ELECTRIC**

Exclusive global licence of our advanced cDLE® technology with proven commercial viability

- Addressing Future Lithium Demand**

Meeting the projected lithium demand curve by 2030 will require direct lithium extraction from brines

By method per ton of lithium extracted	 Direct CO ₂ Emissions	 Water Use	 Lithium Recovery Rate	 Land Use	 Process Time
Hard Rock Mining	 15,000 kg	 170m ³	 58%	 464m ²	Variable
Underground Reservoirs	 5,000 kg	 469m ³	 30-40%	 3,124 m ²	18 Months
Direct Lithium Extraction	 10 kg	 34-94 m ³	 90%	 0.2 m ²	1-2 Days
cDLE®	 5 kg	 25-70 m ³	 98+%	 0.2 m ²	1 Day

Pushing the Boundaries of Lithium Recovery – LithiumBank Pilot

- **120-Hour Continuous Operation**

Pilot ran for 120 hours, processing 30,000 litres of brine

- **>98% Lithium Recovery**

cDLE® achieved over 98% lithium recovery in pilot testing



cDLE® Pilot Plant
LithiumBank, Calgary, Canada



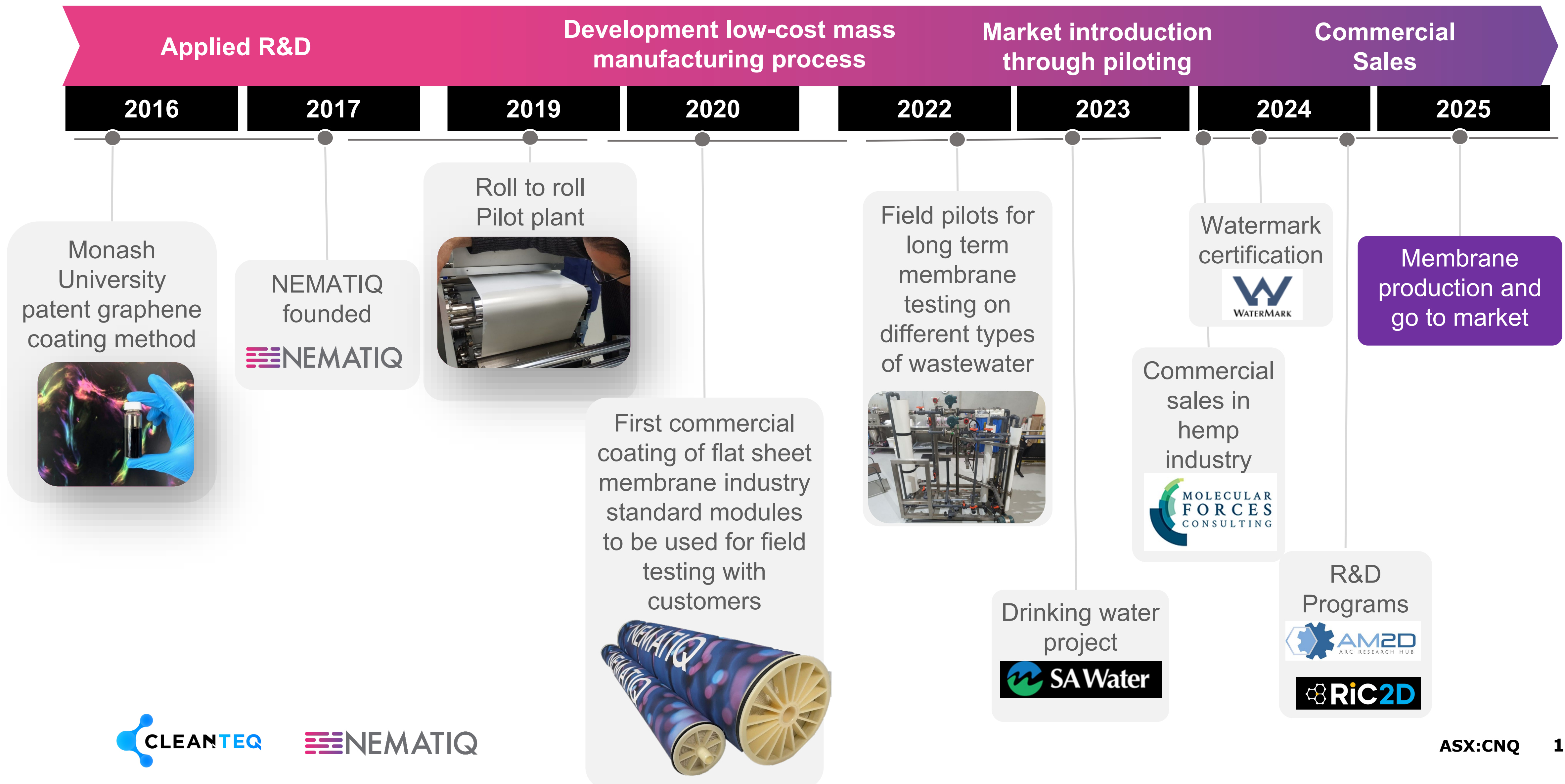
The First Deal

- Technology-for-Equity Agreement¹
- LithiumBank to issue up to 14 million Common Shares to Go2Lithium (G2L)²

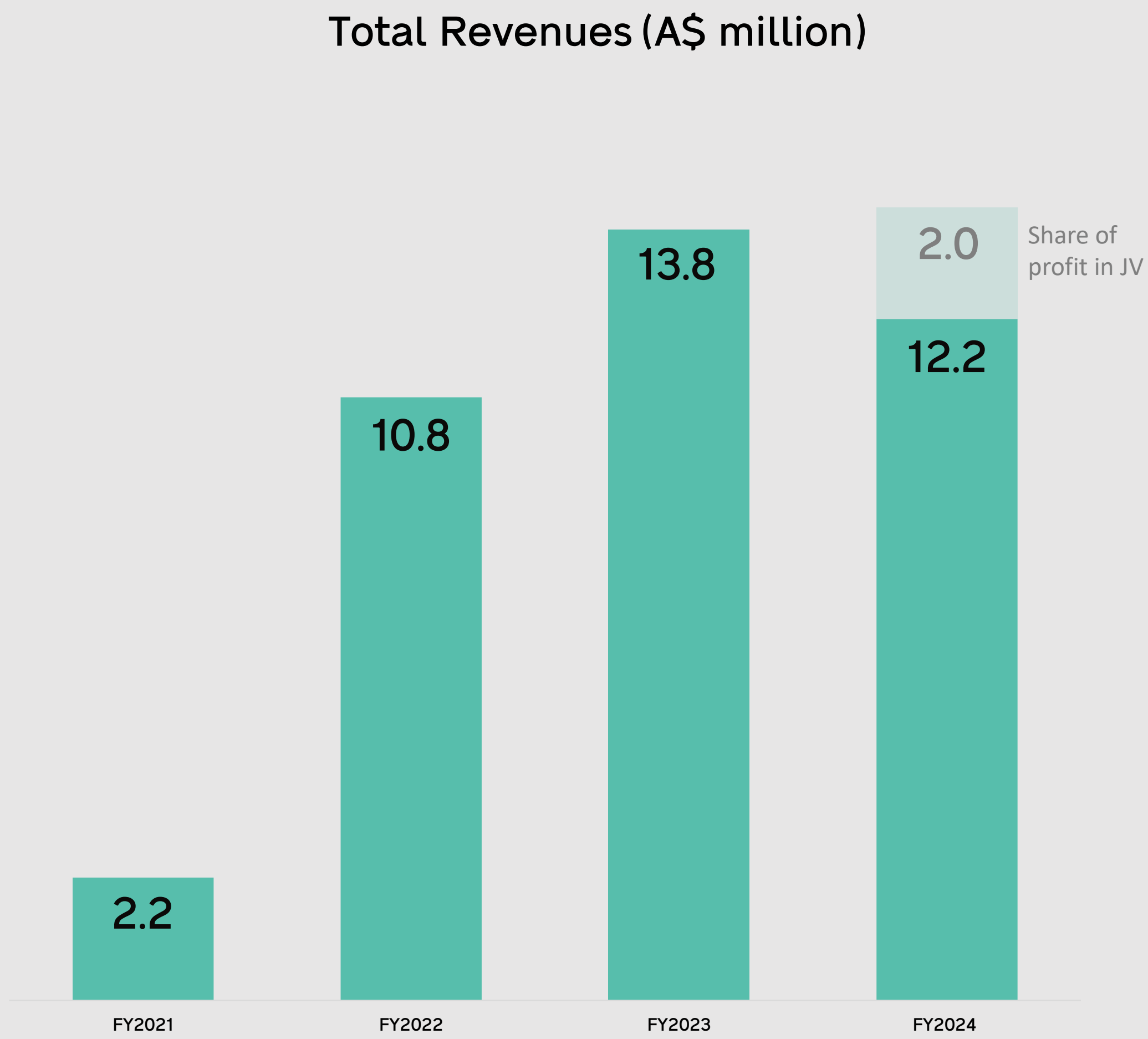
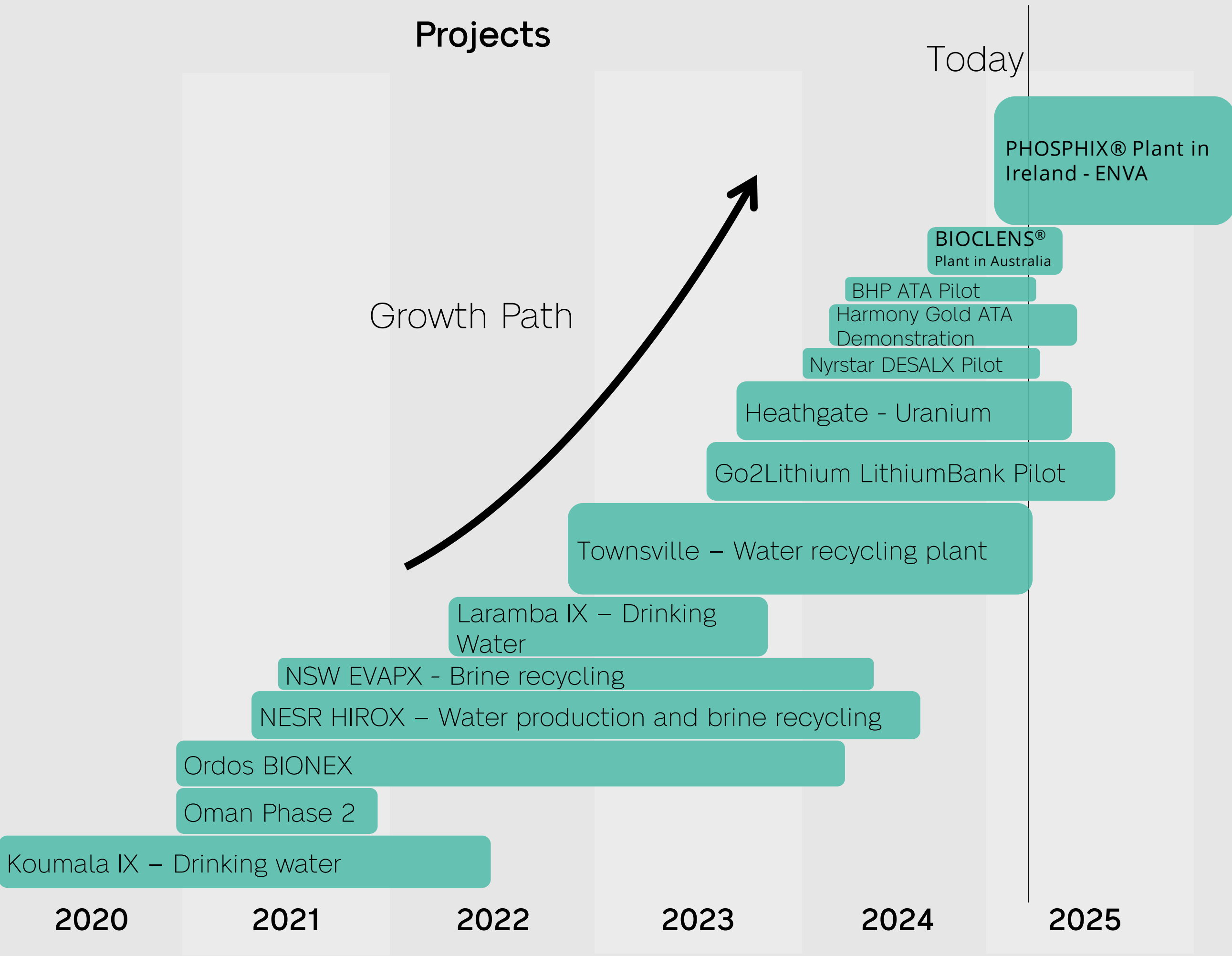
¹ For further details on the transaction between Lithium Bank and Go2Lithium, please see ASX release, dated 11 September 2023.

² Shares issued in tranches: 4 million shares upon IPLA signing with right to an additional 10 million shares in tranches against technical and study milestones

New Paradigm in Membrane Filtration– Graphene Membrane

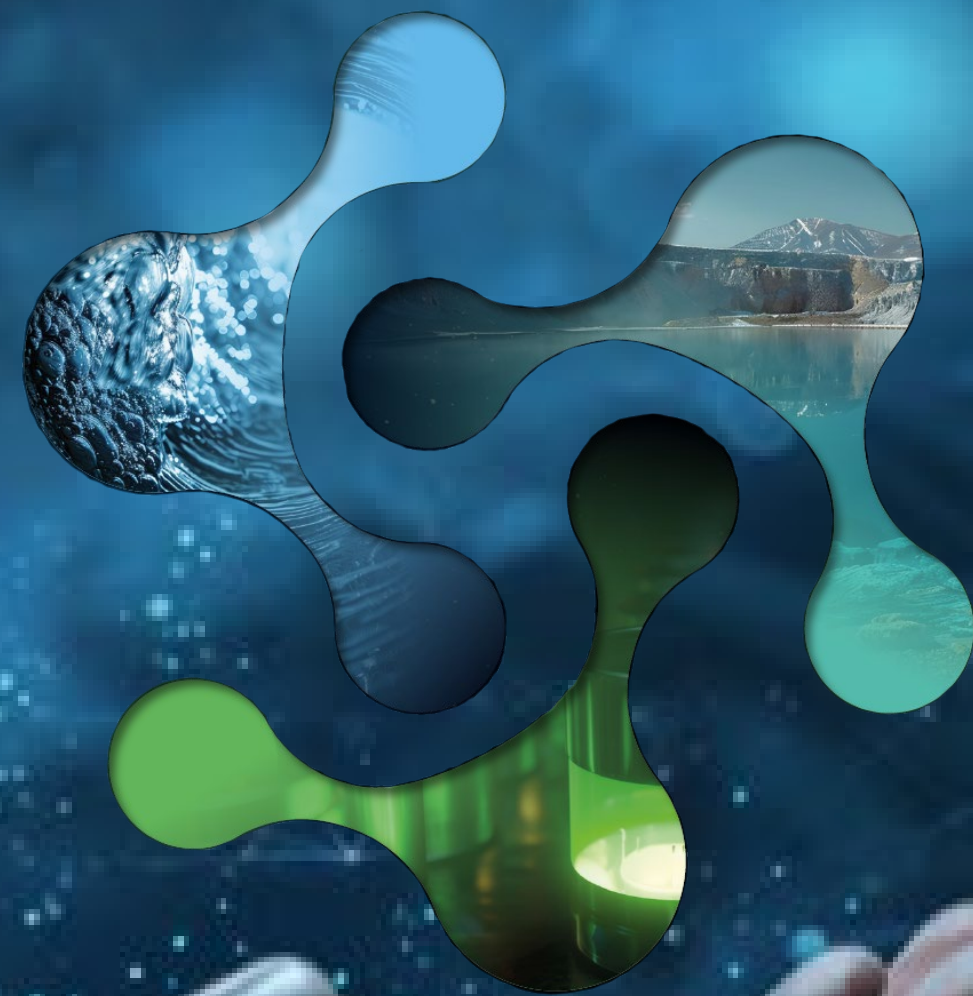


Continuous Growth Momentum





Shaping the Future of Water and Energy.



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