



CLEAN TEQ WATER



Small and Mid-Cap Conference

13 Sep 2022

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This announcement is authorized for release to the market by the Board of Directors.

CLEAN TEQ WATER MISSION

We deliver unique water treatment and metal recovery solutions to accelerate the transition to a circular economy

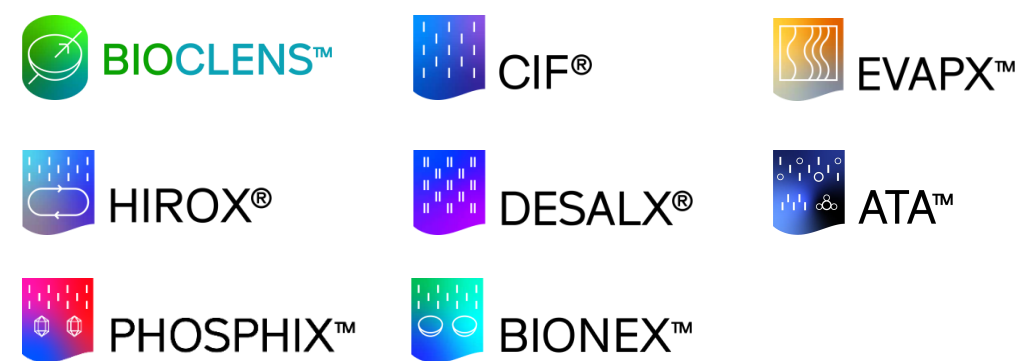
Business Overview

Operating across three business units delivering a unique and scalable technology offering



Water Solutions

Water Technology solutions providing semi-customized advanced water treatment solutions and related consumables

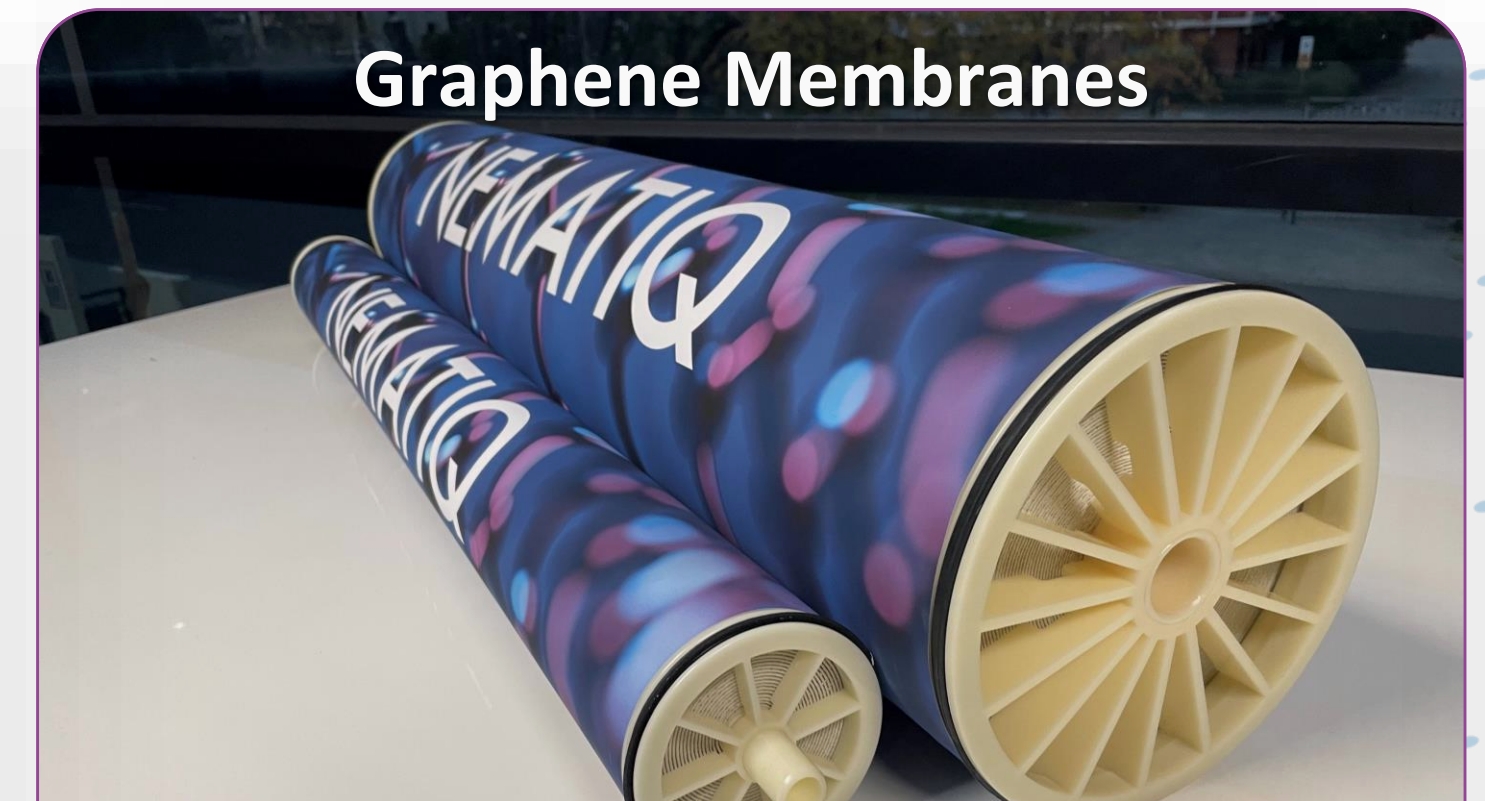


Metal Recovery

Metal recovery solutions to recover valuable metals, remove metal pollutants and minimize waste

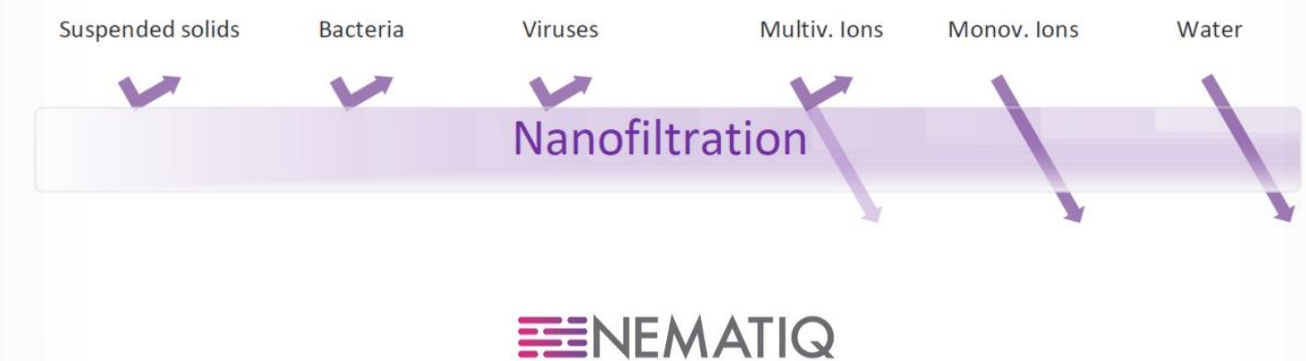


CLEAN-IX® - cRIP
CLEAN-IX® - cRIL
CLEAN-IX® - cLX
CLEAN-IX® - U-Column



Graphene Membranes

NematiQ produces Graphene Membranes as a consumable and modules directly to end-users and various partners



Resin technology platform shared across businesses

Unique standalone technology

Clean TeQ Water de-merged from Sunrise Energy Metals Limited (SRL.ASX) in July 2021

Financial Snapshot

ASX Code	CNQ
Share price (9 Sept 2022)	A\$0.58
Number of shares	44.7m
Market capitalisation	\$24.34M
Cash (30-June-22)	\$5.9M
Debt (30-June-22)	No debt

Enterprise value	\$14.2M
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Top Shareholders

Mr Robert M Friedland	13.4%
Pengxin Holdings	11.7%
Fidelity Investments	7.1%
Directors and Management	5.5%

CNQ Share Price Performance (12 months)



Clean TeQ Water – An emerging leader in water technology solutions

Innovative and agile company with validated technology solutions



Unrivaled Technology Portfolio supported by an extensive international IP protection



Strong Momentum through successful commercialization across the world



Significant Pipeline with Opportunity for near Term Conversion



Substantial Upside from Metal Recovery and Graphene Membranes



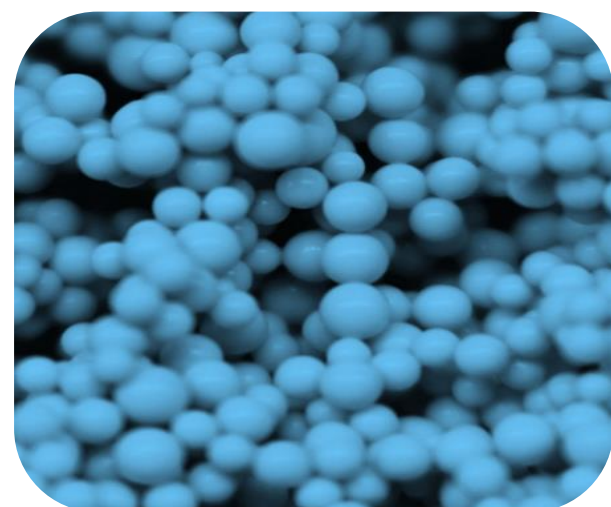
Unique Water Technology Platform

CNQ's unique water solutions are built on two key technologies

1 Ion Exchange Resin Technology



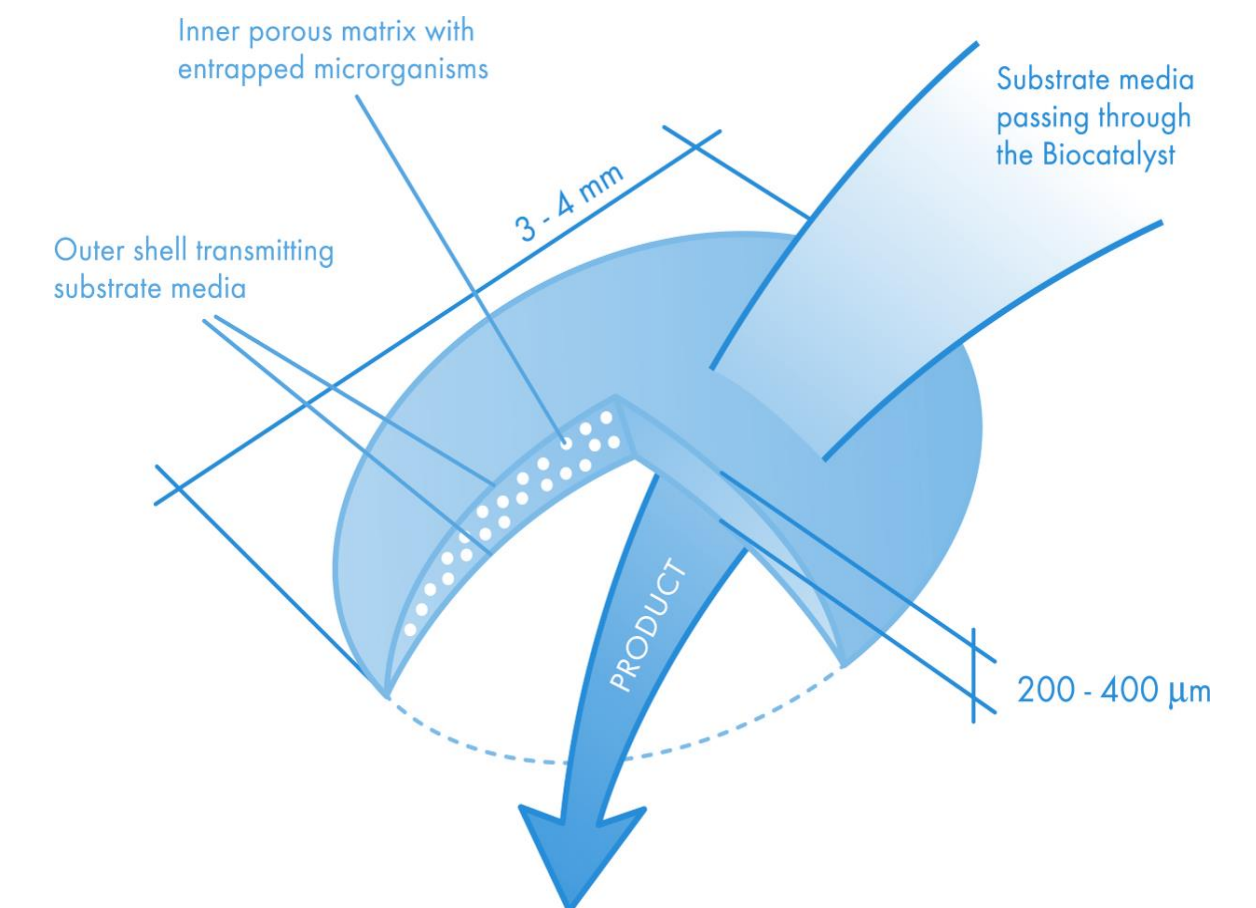
- Resins specifically designed to bind targeted ions, removing target species with minimal secondary waste
- Continuous ion exchange systems adapted for water treatment including recovery of valuable components
- Clean TeQ holds over 10 patents across an extensive portfolio of industry leading solutions



2 Encapsulated Bacteria Lens Technology



- Bacteria encapsulated in lenses to enhance and accelerate natural processes which break down organic matter
- Specifically cultivated for nitrate and ammonia removal
- Lens protects against harsh environment making it suitable for industrial wastewater and brines
- Patented lens manufacturing process



Complementary Patented Technologies



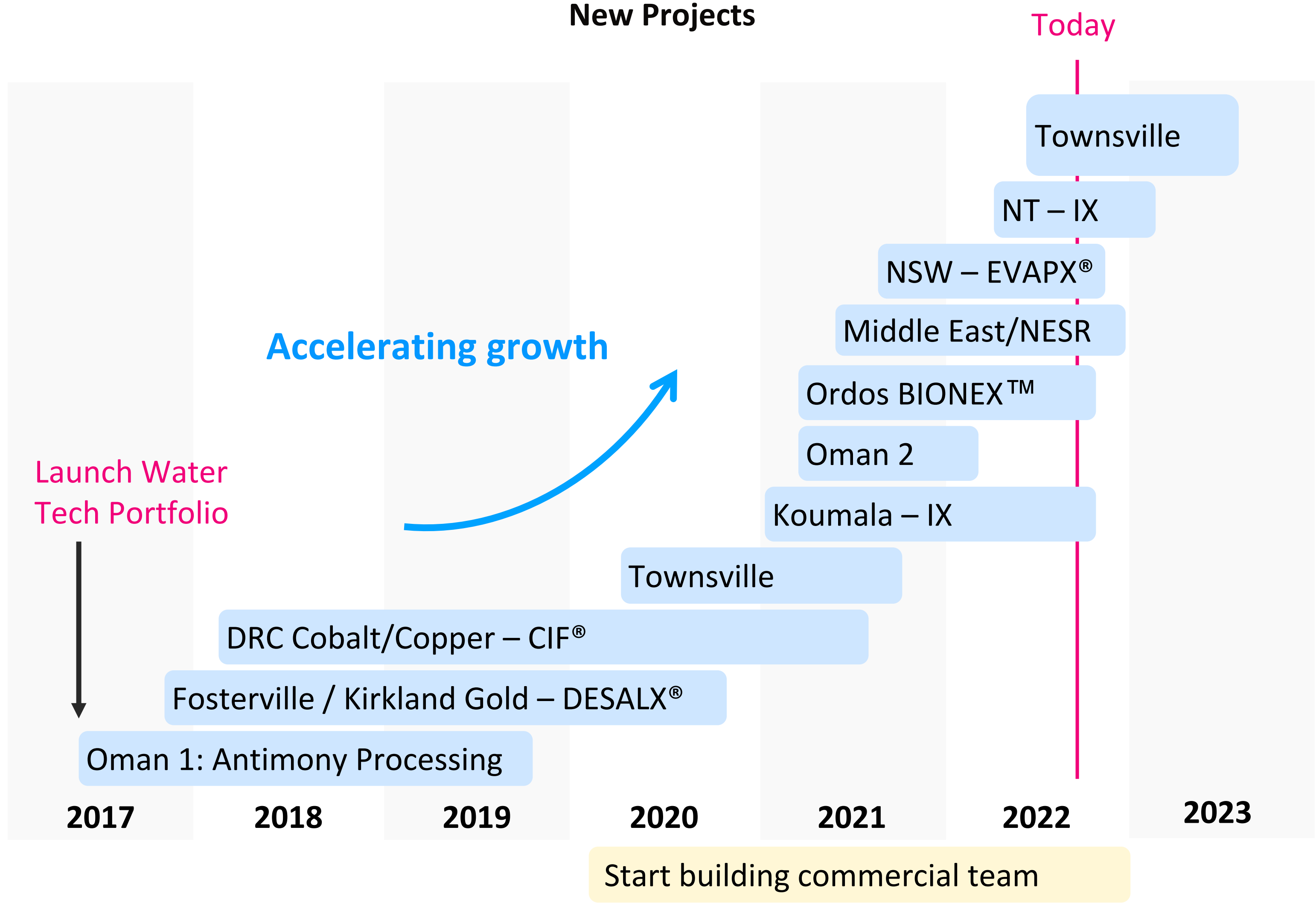
Low temperature zero liquid discharge evaporation for brines



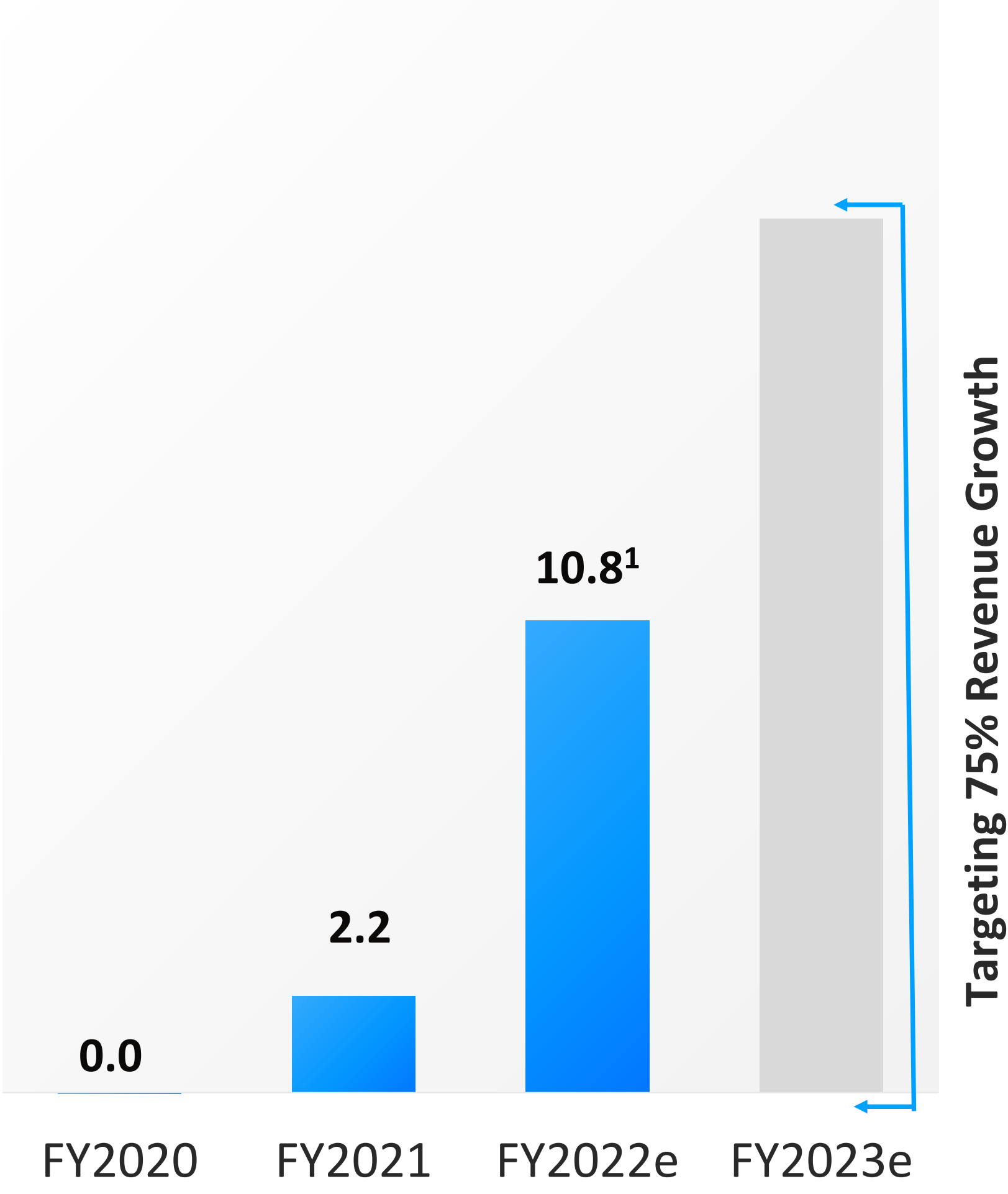
Tailings dewatering through polymer additions

Strong Momentum

New Projects



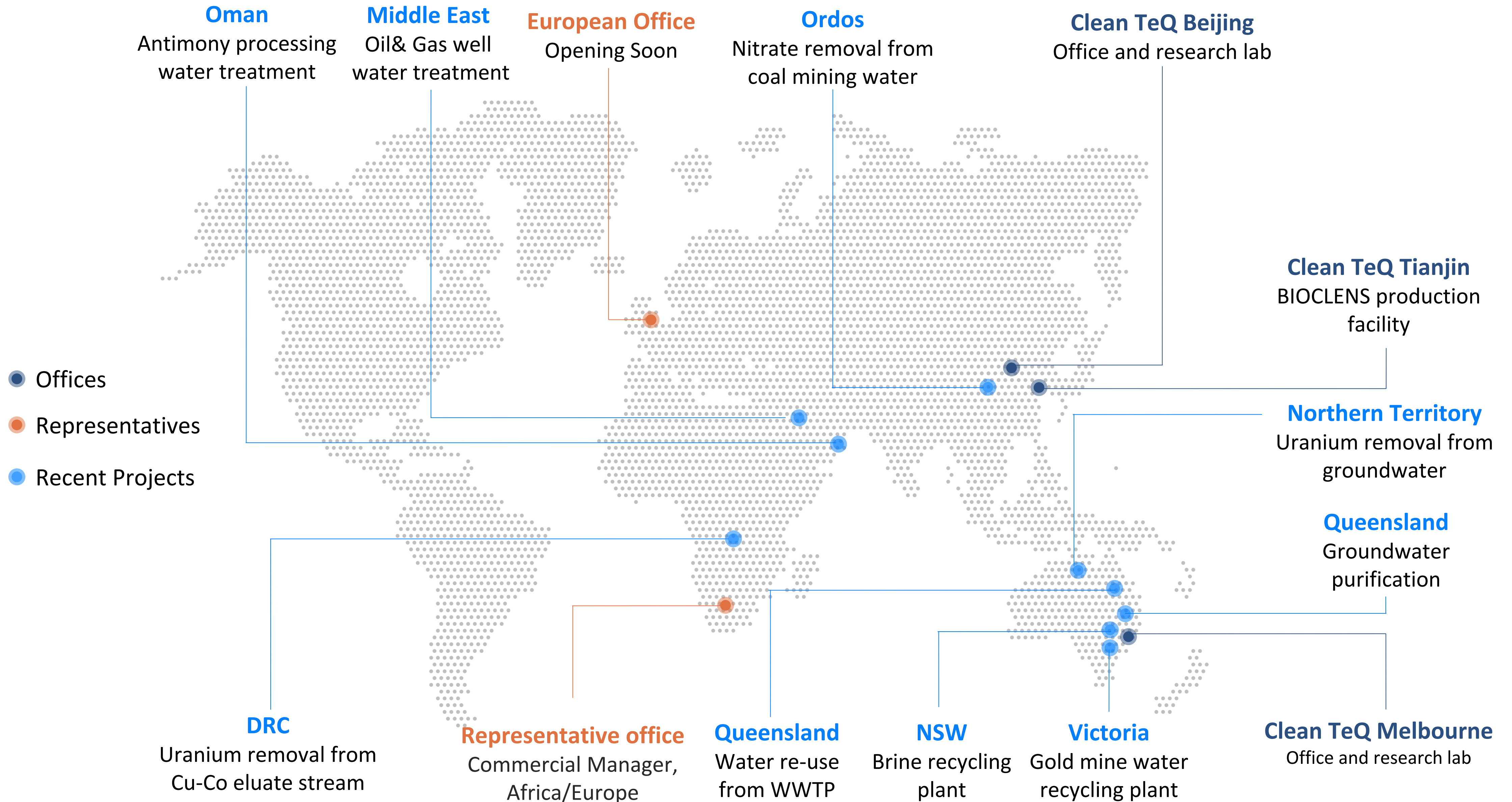
Total Revenues (A\$ million)



¹ Sales revenue 12 months from July 2021 to June 2022

² FY2023 revenue represents the target annualised revenue growth of at least 75%

Expanding Global Footprint



Strong Outlook: Current Target Markets



Industrial Brine Treatment



Municipal Effluent & ground water Re-Use



Mining Waste Water and Metal Recovery

Market Size (Estimates) *

> US\$ 20 billion

> US\$ 20 billion

US\$ 5 - 10 billion

Clean TeQ Water Proposition

- Reduces brine volume and increase recovery at lower operational cost
- Zero liquid discharge

- Targeted removal of certain pollutants to minimize or eliminate brine volumes and cost

- Ability to treat very complex waste waters
- Ability to recover valuable metals

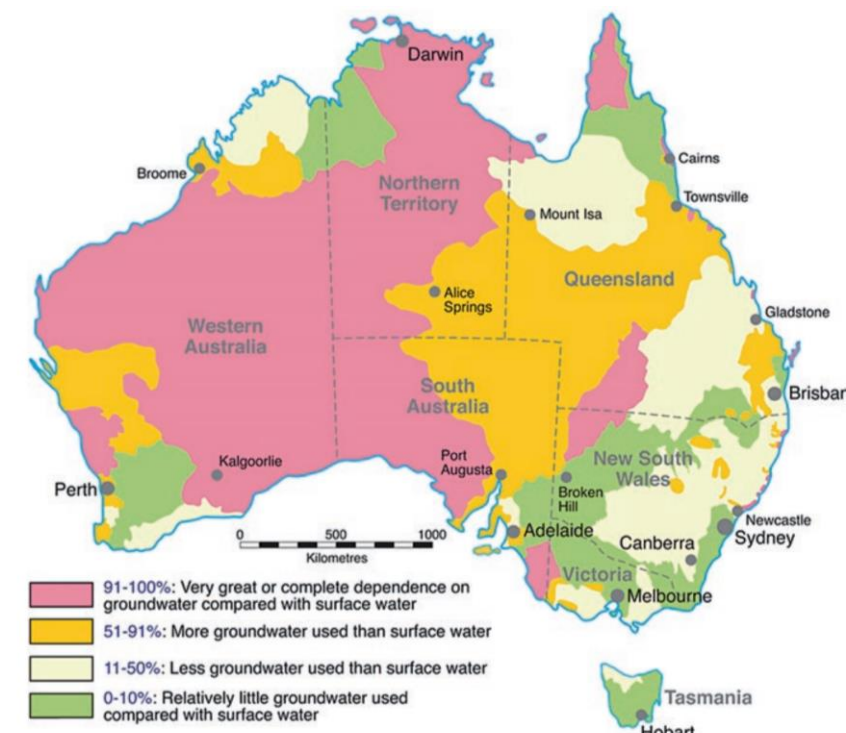
* Source: Global Newswire; Fortune Business Insights; ourworldindate.org/water-use-stress

Strong Momentum: Recent Orders



Ground water treatment in NT

- A\$ 5 million project signed May.
- First in a program to improve water quality across NT where ground water quality is affected by pollutants such uranium, nitrate, fluoride
- Resin exchange providing robust and more economical solution for remote areas



Water re-use Townsville

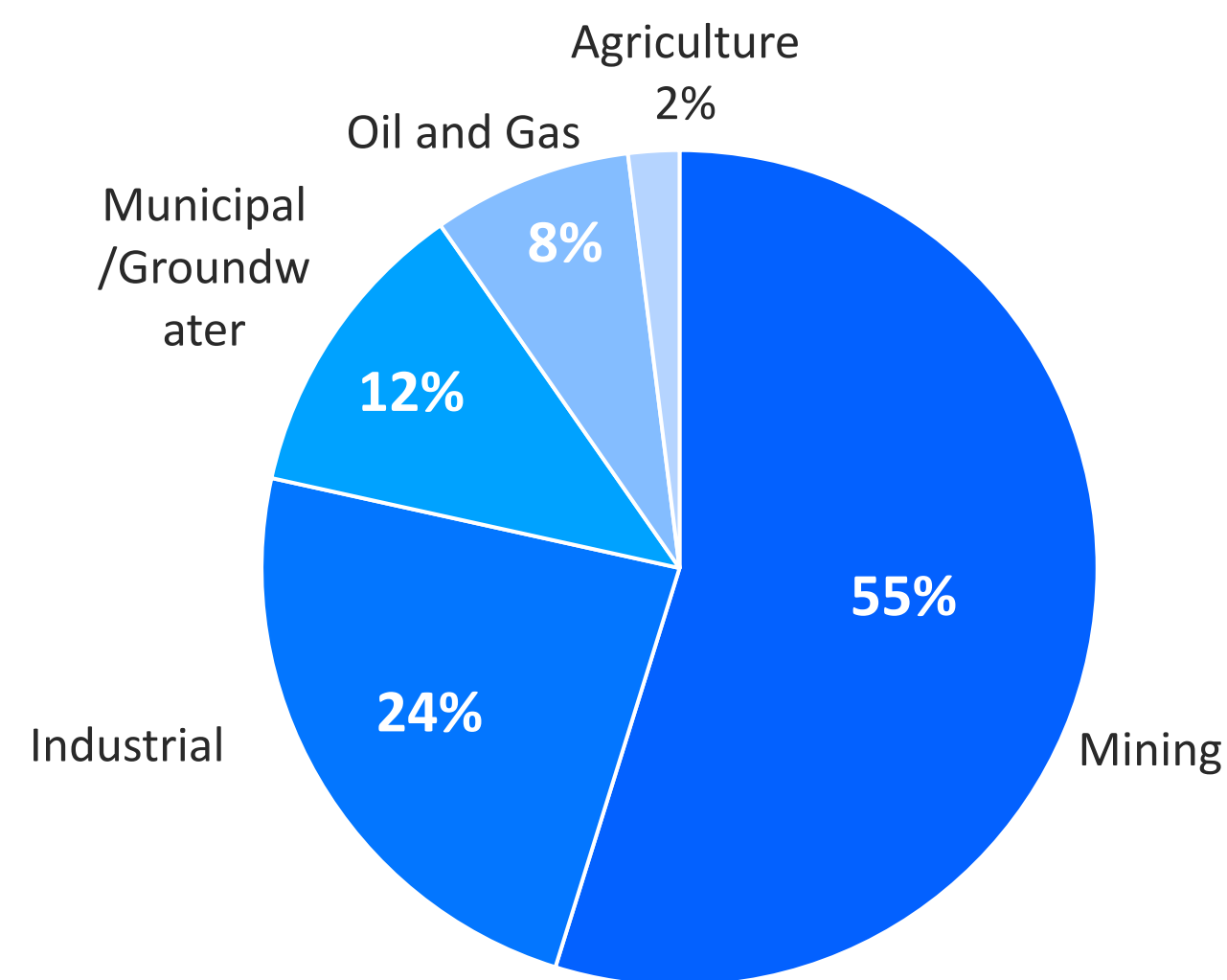
- A\$ 10 million order, with provisions for upgrade
- 15 MLD Recycled Water Treatment Facility in Townsville for use in industry and agriculture
- Municipal effluent recycling one of the worlds largest untapped opportunities too improve water security



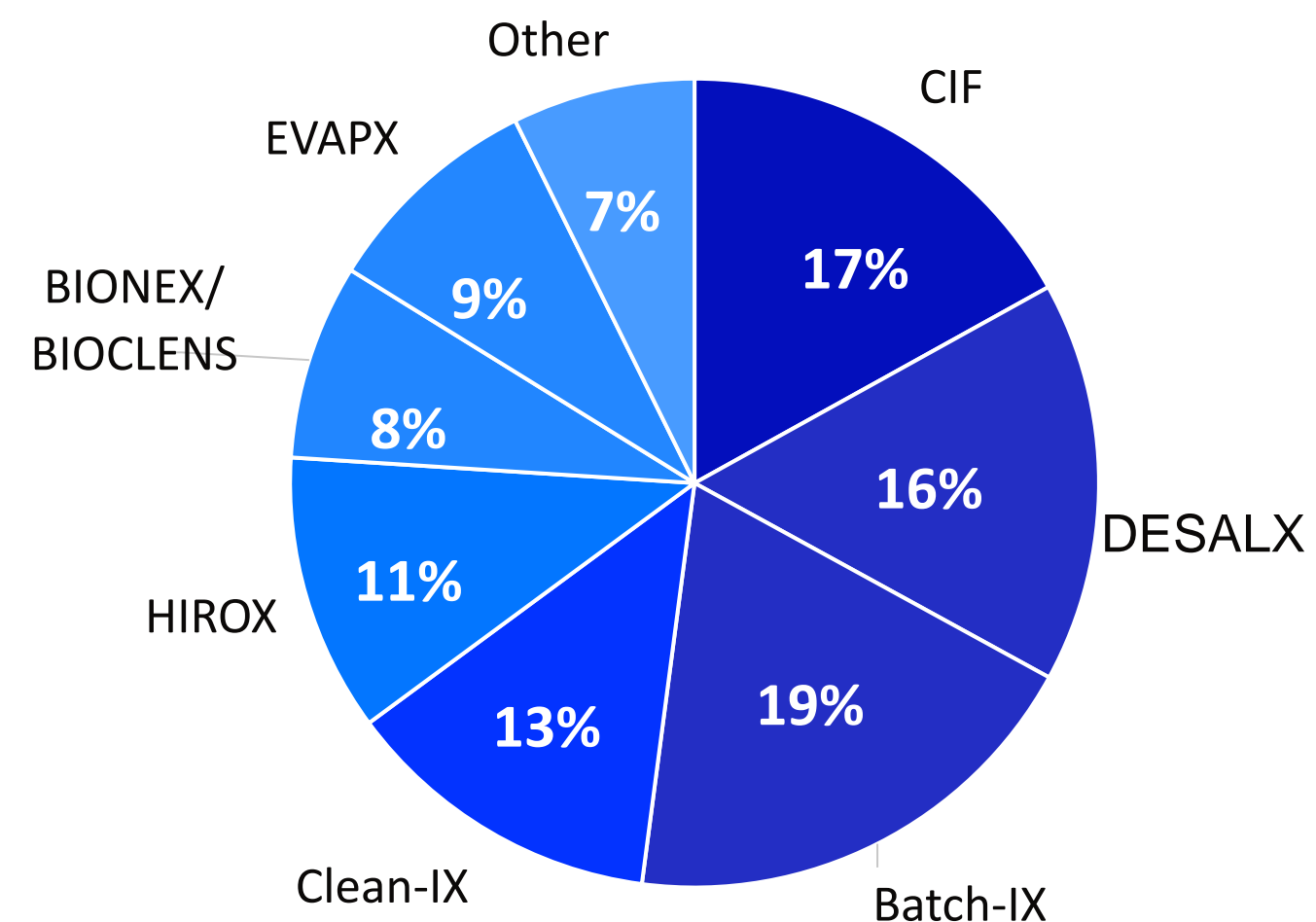
Strong pipeline of new customer opportunities

Potential customer pipeline of approx. US\$800M with approximately 20% due for a decision within 12 months

Sector Split
100% = US\$ 813 million¹



Technology Split
100% = US\$ 813 million¹



Projects range from early-stage project discussions to late-stage competitive tenders

Around 20% of the pipeline is estimated to see a customer decision within the next 12 months

Revenue Potential¹

Pipeline Size (US\$ million)	\$810		
Pipeline conversion to sales (%)	10%	20%	30%
Potential Revenue (US\$ million)²	\$81	\$162	\$243

¹ Indicative only, does not represent company forecast. Revenue represents lifetime revenue of the project. Projects are included in the pipeline when there has been direct contact with the prospective customer, when CNQ has received water quality information of the specific project, and when CNQ sees a potential fit with our technology. The pipeline size is not corrected for the chance of the customer project to go ahead, nor for the chance of success of winning the project, nor for the stage of the project. It includes both tender projects and early-stage direct discussions

Upwell Financing Support

Clean TeQ Water's financing partnership opens up new value creation avenues



- Upwell intends to deploy US\$1 billion over the near term in global investments
- CNQ and Upwell are targeting the US\$150 million deployed over four years
- BOOT attracts customers that are capital constrained and/or lack the appetite to manage & own water treatment assets
- BOO(T) will also provide stable revenues from ongoing O&M, consumables, and a share in the return on capital



New ATA™ Technology: Rapid Tailings Dewatering Technology

ATA™ targets \$300M addressable market and strong synergy with CLEAN-IX® metal recovery applications

Tailings Storage Facilities (TSF)

- Enormous dams containing fine ore particles suspended in water
- Catastrophic environmental and health impacts if the dam walls liquify and fail
- Global push from regulators to reduce footprints or remove water-containing TSFs

ATA™ Technology

- Environmentally friendly polymer-based
- Creates stackable solids and rapidly recovers water for reuse
- Eliminates the possibility of reliquification
- **Can be combined with CLEAN-IX® to extract metals from the water and add value**



ATA™

Estimated addressable market of around \$300 million to treat 3.2B ton per annum new tailings

Excluding 300B tons legacy tailings

Value Upside: Graphene Membranes



Graphene Membranes manufactured at scale

NematiQ Graphene Membranes are now being demonstrated in several market verticals of a US\$5 billion dollar membrane market

Graphene Membranes remove bacteria, viruses, organics, micro pollutants, nano pollutants



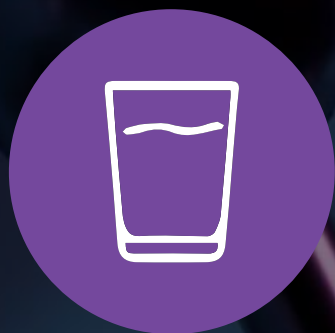
Treated Effluent



Sea Water Reverse Osmosis Pre-treatment



Industrial Wastewater



Drinking Water



Industrial Separations



Value Upside: Metals Recovery

New opportunities for
CLEAN-IX®

Direct Metal Extraction



An environmentally
friendly solution to support
the green energy transition

- Copper
- Vanadium
- Uranium
- Rare Earth Elements
- Lithium

- ✓ Accumulated experience in ore, tailings and brine processing
- ✓ Patented technologies
- ✓ Shorter production times
- ✓ Limited freshwater loss
- ✓ No enormous CCDs or evaporation ponds
- ✓ Lower energy consumption
- ✓ Lower carbon emissions

Less Energy Consumption

Lower CO₂ emissions

Outlook

Strong tailwinds from global focus on increasing water availability, addressing persistent micropollutants, and eliminating secondary waste

Targeting annualised revenue growth of 75%,

Accelerating growth due to

1. Expanded footprint across new regions and industries
2. Accumulated investment in new technologies
3. Access to larger scale projects
4. Financing options available
5. Underlying increase of repeat business

Operating leverage to deliver high gross margins as the number and size of active projects grows

Metal recovery and graphene membranes potential to provide substantial value uplift