



Presentation After Q3 2021 Quarterly Activities Report

CLEAN TEQ WATER

Nov 2021

Clean TeQ Water commenced trading independently on the ASX on 2 July 2021

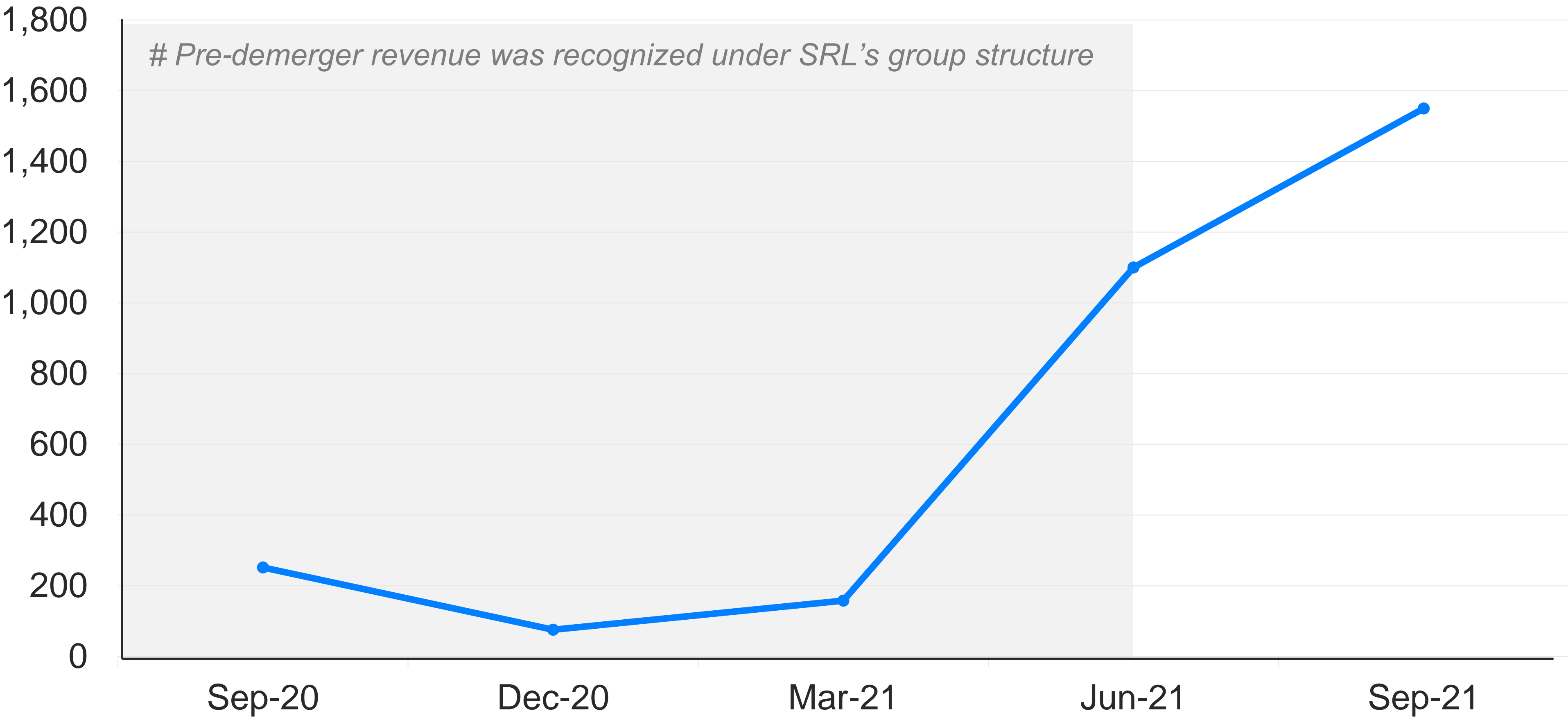
Q1 FY22 Cash Flow

- Growing quarterly cash receipts of A\$1.6 million
- Cash used in operating activities of A\$2.1 million including \$0.3 million one-off expenditure and \$0.6 million of upfront payments for new projects that will be recovered in subsequent quarters
- The Company had A\$13.8 million cash on hand as at 30 September 2021

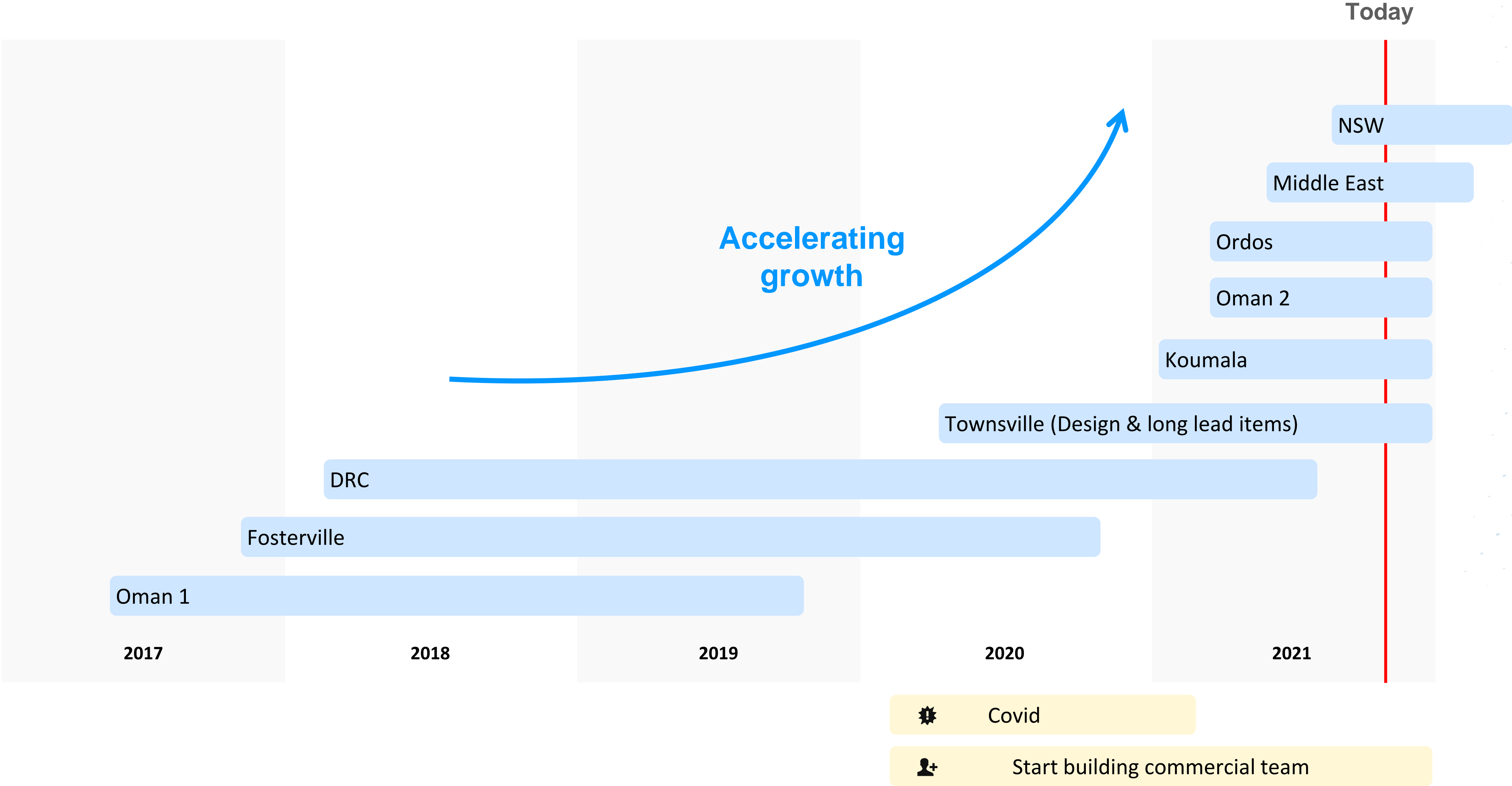
FY22 Trading and Operational Highlights and Outlook

- Two new contracts signed this quarter to a value of A\$5 million, leading to five projects under construction with a total contract value of \$13 million:
- NematiQ's novel Graphene Membranes successfully produced in hundreds of square meters, with additional patent applications.
- Diversified pipeline of future opportunities spread across technologies and sectors
- Strengthening of board with appointment of Robyn McLeod, non-executive board member of Vic water and Melbourne Water.

Increasing Project Receipts – Cash: \$A'000)

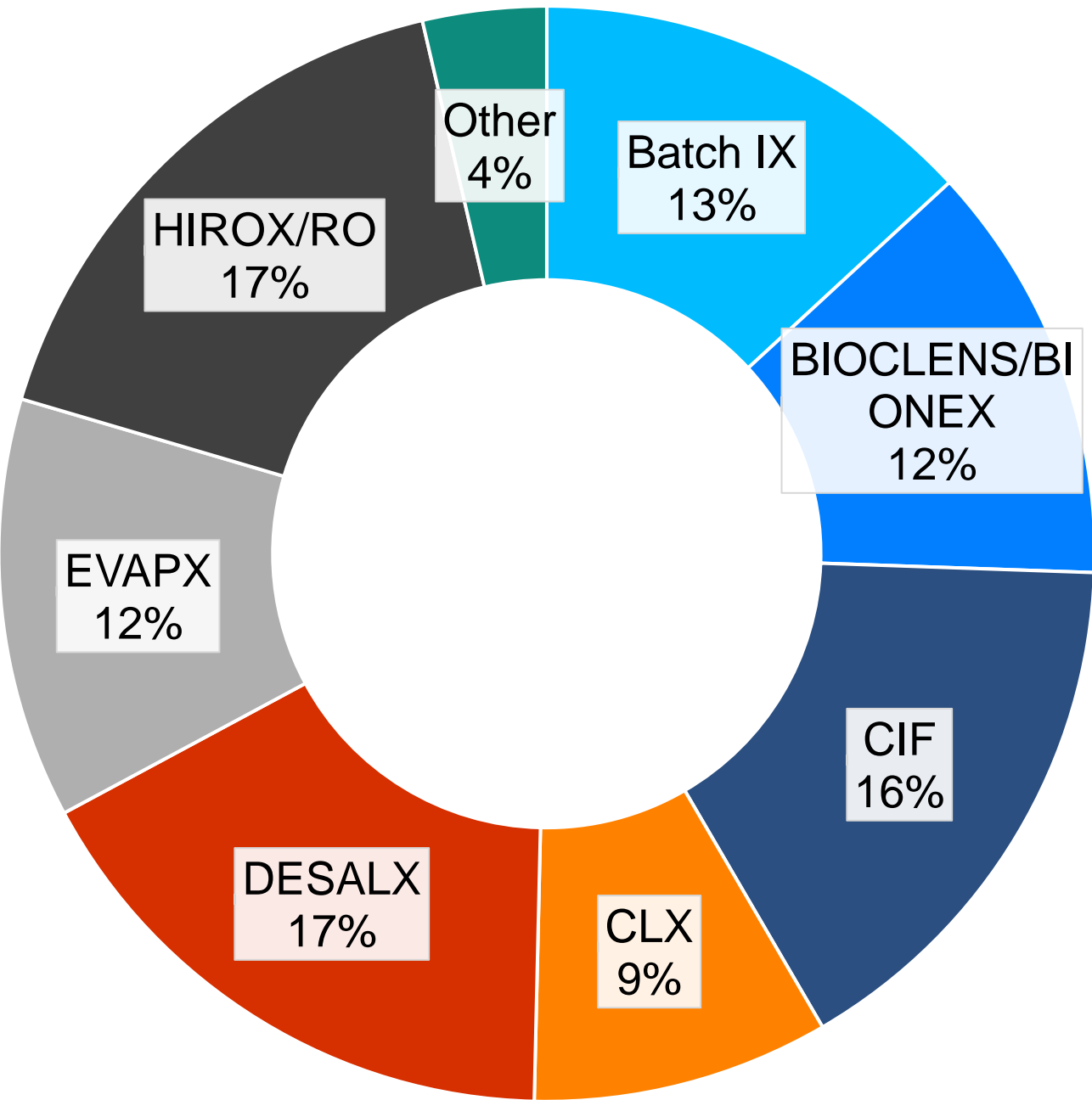


Accelerating Growth of Project Portfolio

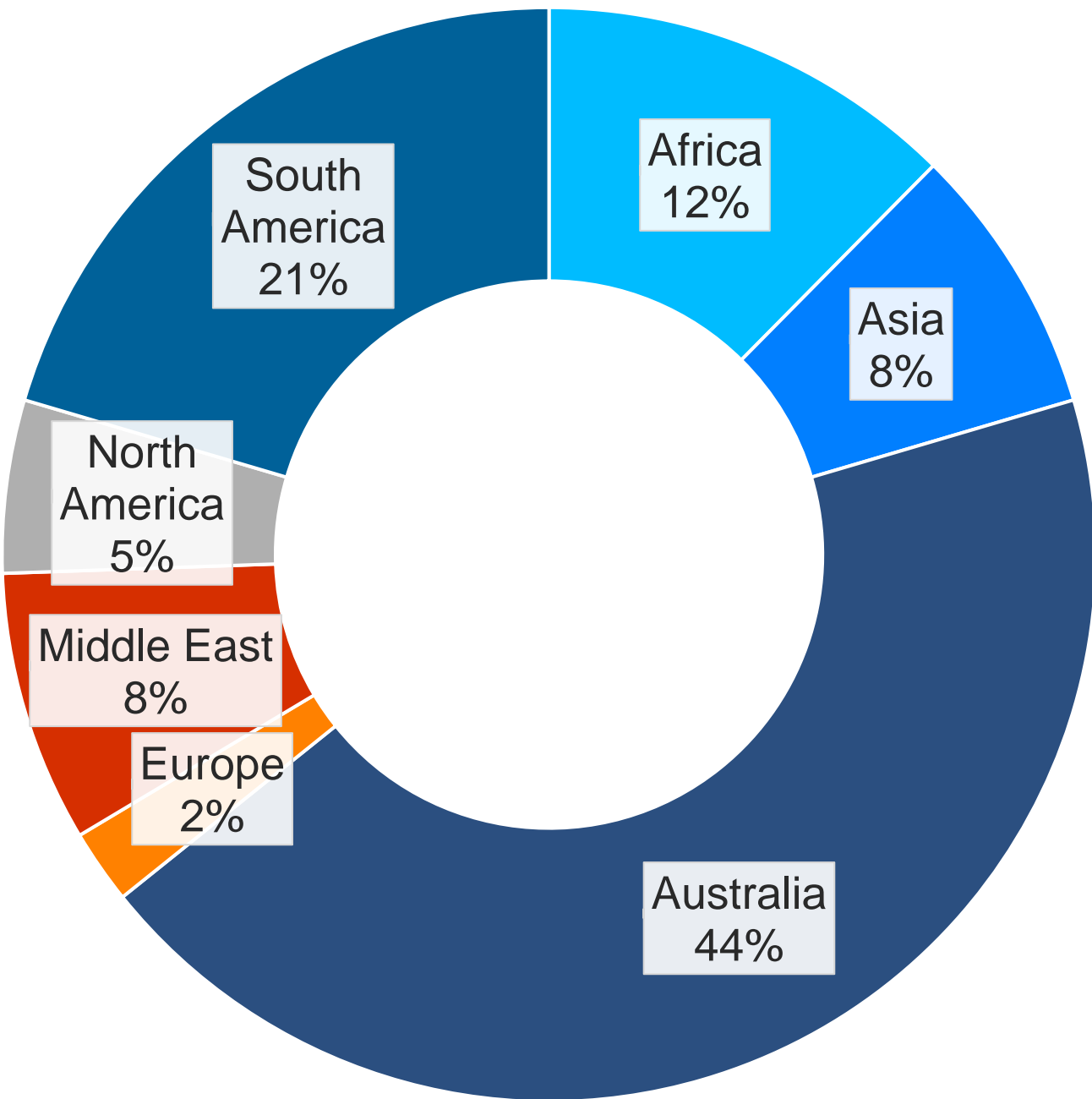


Opportunities Well Distributed

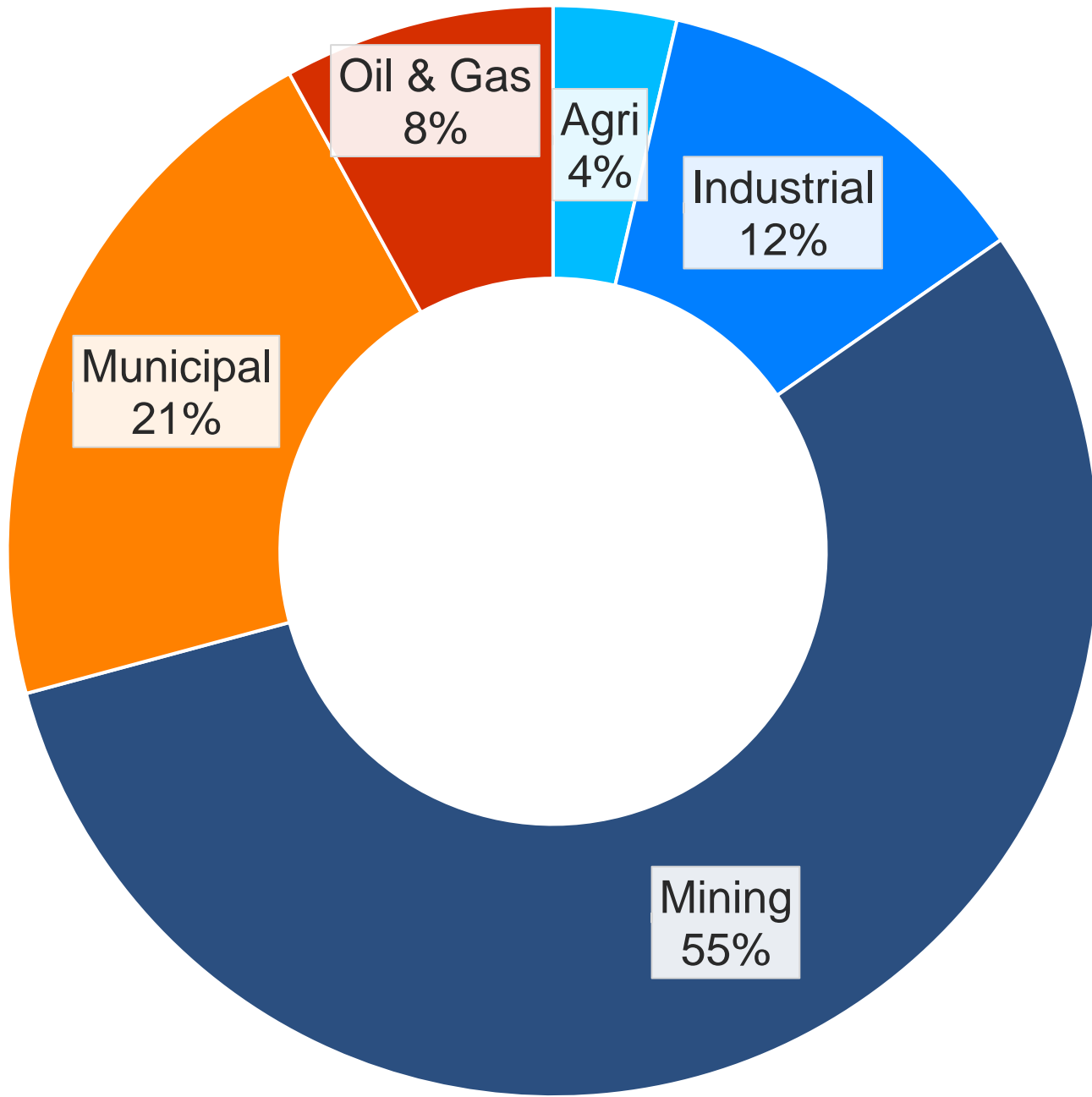
Technology Split



Regional Split



Sector Split



Good distribution across sectors, regions and technologies

Over hundred opportunities, average project size around A\$4 million, including multiple >A\$10 million

New projects completions and project conversions will drive further growth

Two Recently Signed Contracts

HIROX® in Middle East



**Project
Background**

Water recovery and salt re-use from bore water for Oil and Gas multinational end-user via our partner NESR

Benefits

60% reduced bore water use, less waste brine and chemical consumption

**Market
Potential**

Bore and produced water re-use in oil and gas sector

EVAPX® in New South Wales



**Project
Background**

Brine treatment at agricultural by-product processing facility to recover water and salt by-products

Benefits

Substantially reduced energy and carbon footprint

**Market
Potential**

Agricultural and other highly concentrated brines



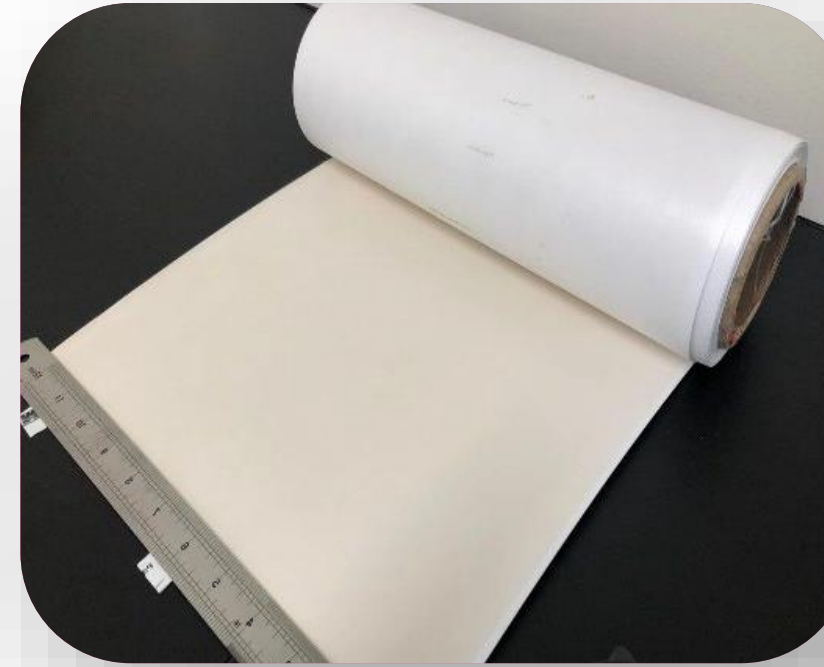
NematiQ has developed a ground-breaking technology to produce Graphene Membranes at scale



Graphene Membranes focus on the micropollutants market estimated at USD2B in 2022 growing to USD3B in 2028



Graphene Membrane nanofilters can reduce the energy cost up to 50% with much improved resistance to fouling



- Several hundreds of meters of Graphene coating materials have been made at our pilot facilities in Victoria
- The Graphene Membranes meet specifications for robustness, flux and rejection
- The flat sheet Graphene Membranes are being incorporated into cartridges, and will be subjected to similar test procedures
- NematiQ is currently preparing field pilot demonstrations

#1

Build on our unique portfolio of innovative technologies and solutions

#2

Focus on selected large and high growth sectors and regions that fit our solutions

#3

Provide integrated technology solutions, BOOT* and consumables

*Build, Own, Operate and Transfer. I.e. invest in an asset and provide water treatment as a service under long term supply contract

Current Target Markets

Industrial Brine Treatment



Annual Market Size

> US\$ 20 BLN

Challenges

- Nitrate, ammonia and organics
- Need for brine minimization
- Use of membranes

Clean TeQ Water proprietary Solutions

- HIROX and EVAPX for brine and cost minimization
- BIOCLENS for nitrate/ammonia removal from brines

Clean TeQ Water Benefits

- More robust/less complex flow sheets
- Less brine leading to much lower OPEX

3 projects

Municipal Effluent Re-Use



> US\$ 20 BLN

- Brine production and disposal
- Total Cost
- Nutrient removal

- BIONEX for nitrate removal
- HIROX for maximum recovery

- Maximum recovery, minimum brine
- Lowest TCO and footprint

2 projects

Mining Waste Water and Metal Recovery



US\$ 5 - 10 BLN

- Complex waste waters, brine / tailings management
- Recovery/removal of metals

- CIF for removal/recovery of target species
- DESALX for brine free desalination

- Targeted and thorough removal of target ions producing highly concentrated & pure eluate
- Simple low OPEX flowsheets

1 project

- Commercial discussion on potential projects after a series of successful pilots including BIONEX in China, HIROX in Europe, and CLEAN-IX in Australia
 - Commencement of pilots for valuable metal recovery from waste streams
 - Commercial scale production test run for ground-breaking Graphene Membranes
 - Pilot demonstration of water filtration system employing Graphene Membrane technology
 - Continuation towards completion of projects in Middle East, Australia, and China
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