

ASX Announcement

Melbourne, 23 June 2014

Clean TeQ strategic and operational update

Over the last trading day, there was a significant increase in the trading of shares in Clean TeQ (CLQ or Company) and the price at which those shares have been traded.

The CLQ Board and Management have ascertained that the likely cause of the increased interest in CLQ's shares is the very recent publication of new research / reports about the Company's progress and prospects.

Mr Cory Williams, Chief Executive Officer (CEO) of the Company commented:

"While the Company welcomes the interest in its shares, the Board is mindful that the recent publications may not be available to all existing and prospective shareholders. To make sure all information in the market about Clean TeQ is accurate, the Company has decided to take the present opportunity to file the accompanying presentation detailing its current strategy and operational progress. It is an updated summary of the information available in the market place concerning the Company. It supersedes all information previously released by the Company."

The CLQ Board and Management wish to make specific reference to one matter – it has been widely reported that the Company is the preferred tenderer for a significant water treatment contract (for approximately \$30M) in South East Asia. While that information is correct, CLQ shareholders and potential investors need to be aware that there has been a recent further delay in the project and, of the contract sum, the CLQ component is estimated to represent approximately 30% - 35% of that amount (with the remaining part of the contract sum being external costs for engineering, procurement and construction of the plant).

For more information:

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About Clean TeQ Holdings Limited (ASX: CLQ)

Clean TeQ (ASX: CLQ) is a world leader in water treatment and resource recovery technology and the Australian leader in biological air purification. Clean TeQ develops technologies in-house and partners with leading technology suppliers worldwide.

The Company offers a range of business models to potential clients including licensing our technology, building and commissioning complete installations (both transportable and fixed), and building and operating installations in joint ventures, in return for a share of revenues generated through resources recovered. Clean TeQ will also acquire mining assets where its technologies can make exploitation of uneconomic ore bodies or re-processing of tailings profitable.

For more information about Clean TeQ please visit the Company's website at www.cleanteq.com.



“Value opportunities around the world in Water Clean Up and Resource Recovery”

Clean TeQ Holdings Limited (ASX: CLQ)

Disclaimer and Important information

Certain statements in this presentation are forward looking statements. By their nature, forward looking statements involve a number of risks, uncertainties or assumptions that could cause actual results or events to differ materially from those expressed or implied by the forward looking statements. These risks, uncertainties or assumptions could adversely affect the outcome and financial effects of the plans and events described herein. Forward looking statements contained in this presentation regarding past trends or activities should not be taken as representation that such trends or activities will continue in the future. You should not place undue reliance on forward looking statements, which apply only as of the date of this presentation.

This presentation does not constitute or form part of any offer or invitation to sell, or any solicitation of any offer to purchase any shares in the Company, nor shall it or any part of it or the fact of its distribution form the basis of, or be relied on in connection with, any contract or commitment or investment decisions relating thereto, nor does it constitute a recommendation regarding the shares of the Company.

Past performance cannot be relied upon as a guide to future performance.

All amounts including “\$” or “A\$” are in reference to Australian Dollars unless stated otherwise.

Investment Thesis - New Opportunities

Corporate Ownership - Recent Recapitalisation

Leadership Team

Technology - Continuous Ion Exchange

Water Division

Resource Division

Operational Update

Conclusion - Investment Thesis

Contact

Investment Thesis | Extracting value (1) as a service provider to the **Water industry** and (2) as a JV partner recovering valuable metals in the **Mining and Resources industries**



The Here and Now - “Turning water into commercial value”

Water Treatment - global multibillion dollar sector

- Municipal waste water and sewage projects
- Mine water clean-up including Acid Mine Drainage
- Oil & Gas produced water reuse

Delivery Options: EPCM or BOO

Examples: Base Metal Mines, Water Utilities



Near Horizon - “Recover and share in metal assemblages”

Metal Recovery - global multibillion dollar sector

- Tailings - Reprocess historic large scale base metals projects
- Flowsheets - Extract elements from various processes
- Similar technology/ handling as CLQ’s water focus

Delivery Options: Licence, JV, Royalties, Partnership

Examples: Australian and South African Copper mines, Japanese Titanium Producers

Shareholder Vision | Clean TeQ is at inflexion point in a world that wants cost effective clean water technologies and economic metal recovery.

Company Structure | First listed in 2007, the company has been transformed in the past 12 months with new shareholders and management structure.

Issued Capital As at 23 June 2014	
Ticker Code	CLQ
Shares & Options	241.7 M
Options	9.5 M
Convertible Notes	40.7 M
Fully Diluted Capital	291.9 M
Share Price – 20 June	5.7c
Market Capitalisation (undiluted)	\$13.8 M
Revenue & Result	
Revenue FY13	\$10M
Net Loss After Tax FY13	(\$4M)

Shareholders	
Total shareholders	794
Top 10	46.1%
Board & Management	12.7%

Cash and Debt	
Cash on Hand	\$2.6M
Short Term Debt	\$2M
Convertible Notes	\$4.1M
Tax Losses – 30 June 2013	\$9.3M

Leadership Team | First listed in 2007 the company has been transformed in the past 12 months, with new CEO and Board, and refocused on Water and Resource Recovery



CHAIRMAN - Sam Riggall

Sam is a graduate in law and commerce and an MBA from Melbourne University. He was previously Executive Vice President of Business Development and Strategic Planning at Ivanhoe Mines Ltd. Prior to that Sam worked in a variety of roles in Rio Tinto for over a decade covering project generation and evaluation, business development and capital market transactions



CEO - Cory Williams

Cory Williams is a graduate in arts and accounting and an MBA from Deakin University. He has held previous senior management and director roles . Cory joined Clean TeQ in April 2013 and was responsible for the Company's operations before moving to the Chief Executive Officer role in November 2013



FOUNDER & CIO - Peter Voigt

Peter Voigt is a graduate in chemistry and a MAppSc from Royal Melbourne Institute of Technology. Peter established Clean TeQ in 1990 and became a director of the Company on 10 September 2007 and CEO in 2010. In November 2013 Peter moved to become the Chief of Innovation and Executive Director.



GM WATER - John Carr

John Carr is a graduate in chemical engineering and an MBA from Deakin University and in progress of an MSc (Mining Economics). John has previously worked for Rio in their coal area. John is General Manager and responsible for the performance of the Water and Resources Division.



CFO - Tony Panther

Tony Panther is a graduate in accounting and law. Tony has previously worked as a CFO in an ASX listed biotechnology company and as a senior auditor in a global accounting firm. Tony joined Clean TeQ in January 2013 and is responsible for the Company's financials.



GM AIR - Matthew Lakey

Matthew Lakey is a graduate in mechanical engineering and an MBA from Deakin University. Matthew has been with Clean TeQ since 2004 and is General Manager and responsible for the performance of the Air Division

Society's Challenge | Valuing, treating and processing our water and mineral resources.



| Clean TeQ's Opportunities |

In Water | The world spends \$5B a year on reverse osmosis plants and \$60B on water and waste water treatment. Clean TeQ's Continuous Ion Exchange technology offers a low capex/opex treatment alternative for sectors within this large market.

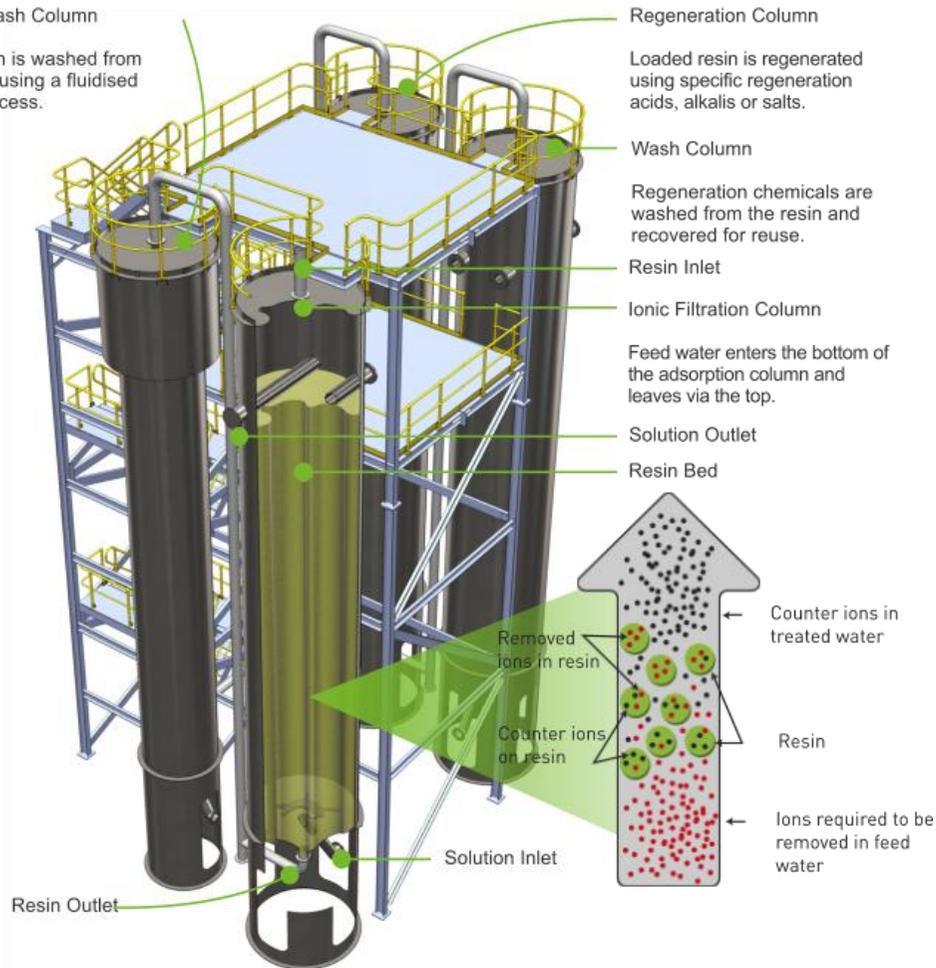
In Mining | Centuries of mining has left tailings legacies. Some with environmental challenges, some with valuable metal inventories. Clean TeQ will partner to create environmental benefits and extract value from a variety of projects.

In Processing | Clean TeQ's technologies can be used to recover base, light and precious metals and other elements from existing process streams.

Technology Basis | Continuous Ion Exchange is at the core for both water and metal recovery

Fluidised Wash Column

Loaded resin is washed from particulates using a fluidised washing process.



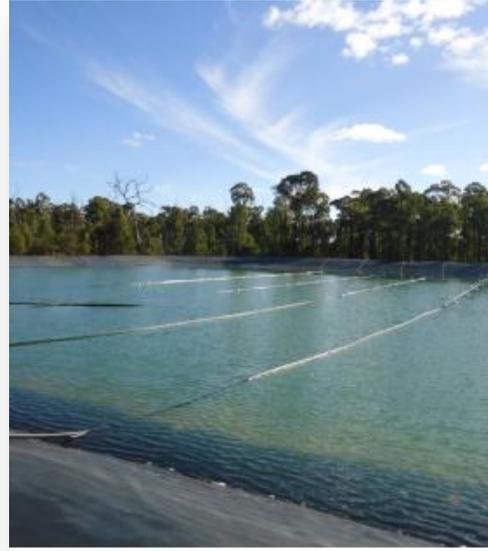
How does it work? – Continuous Ion Exchange uses the specific ionic charge to separate and concentrate. The process consists of a series of stages, each designed for a specific function: ionic filtration, resin washing and resin regeneration.

Each stage contains a moving packed bed of resin, where resin and solution has intimate contact, ensuring high performance of the resin.

Continuous movement of resin and solution in countercurrent operation means the process is able to operate on dirty water feed streams and with higher efficiency than conventional systems.

Continuous Ion Exchange can either be used on its own or combined with a range of other technologies (e.g. reverse osmosis, ultrafiltration, evaporation) to provide a range of water treatment solutions for industrial water, treatment for mining, oil and gas and other industries

Water Business |



Clean TeQ's Water Business | Clean TeQ is providing technology, skills and advice to public utilities and the private sector. It is now preparing for offshore expansion.



Industry and Process Competitors | Industry predominantly focused on conventional technologies or processes: **Reverse Osmosis, Ultrafiltration, Evaporation, Distillation.**



Solutions | **Continuous Ion Exchange** can offer lower opex / capex outcomes

Clean TeQ's Water Focus | To continue to build on its water relationships, collaborate with traditional water EPC and BOO engineering groups with solutions for:
(i) water utilities (ii) O&G CBM/CSG sector for water treatment, and (iii) mining industry's need for process water management and acid mine drainage solutions

Water - Water Utilities | Clean TeQ is looking to work with Water Utilities to upgrade treated effluent for irrigation and industry.



Issue | Secondary treated effluent can contain levels of salts that are detrimental to plants and soils. Conventional desalination is complex for wastewater.

Solution | Continuous Ion Exchange provides a lower opex and capex solution compared to traditional reverse osmosis projects.

Current Activity | Clean TeQ has worked with Water Corporation in proving the cost efficiency of the process in secondary treated effluent water desalination. Market activity now planned in this sector.

Water – Oil & Gas Sector | Clean TeQ's technology is ideal for treating and removing dissolved salts in the produced water from the oil and gas industry (be it conventional gas, shale, CSG, CBM Sectors).



Clean TeQ has solutions for |

- Desalination and Dealkalisation
- Contaminant Removal (fluoride, selenium, borate, arsenic, mercury)
- Organic and Hydrocarbon Removal

Clean TeQ aims to produce Zero Liquid Discharge (ZLD) by converting the concentrated brines from the water treatment process into by-products for agriculture and other industries.

Current Activity | Desalination of CSG Produced Water for agricultural use. Development of a Zero Liquid Discharge product underway.

Water - Mine Water | In most mining water, the dominant species are calcium, magnesium, and sulphate. The scaling potential of these waters is extreme.



Mine Water and Acid Mine Drainage issues can be complex and costly requiring integrated solutions.

Clean TeQ has solutions for |

- Desalination
- AMD/ARD Treatment
- Metal Removal and Recovery

Continuous Ion Exchange has the unique ability to treat contaminated mine water and recover valuable metals in the same process.

Water - Prospective Growth | The international coal industry produces significant wastewater as a consequence of coal mining.



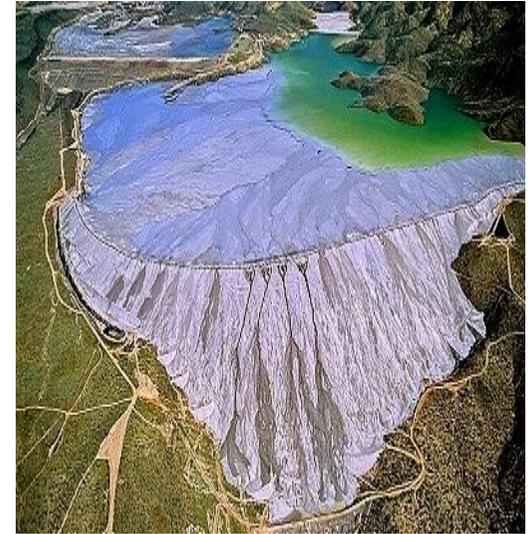
Examples | In North America, several coal companies have called for tenders and technology development for selenium and nitrate removal. As an example, Teck has publically announced a \$600m budget for the clean up of Elk Valley.

In China, heavy pollution by industry of rivers that are the source of drinking water is causing great concern.

In Australia, pollution of rivers emptying to the Great Barrier Reef is high on the radar of international environmentalists and government.

Solution | Continuous Ion Exchange can provide a low opex/capex solution

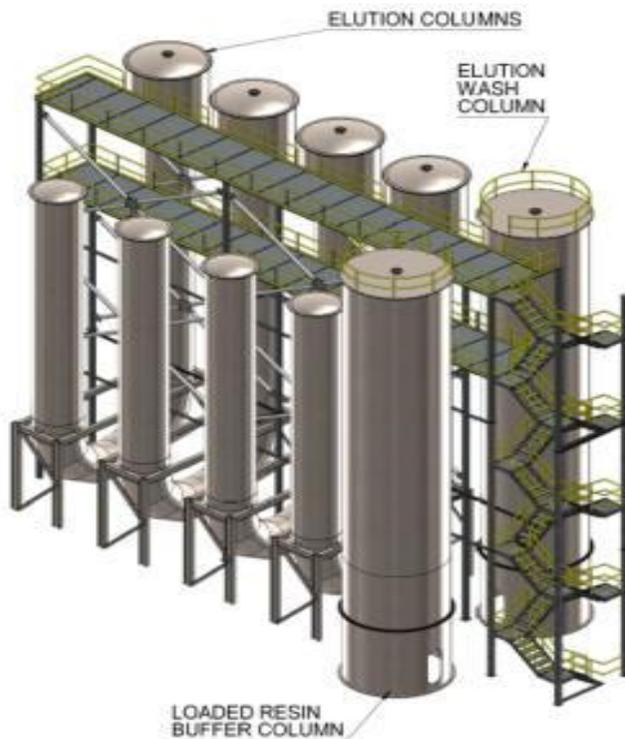
Resource Recovery |



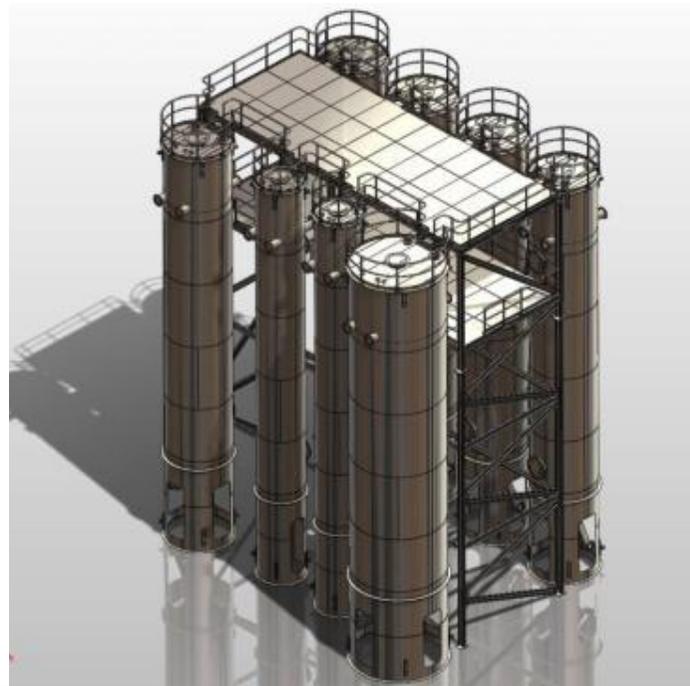
Resource Recovery | In the minerals industry there are various processes and techniques to recover valuable metals such as Filters, Counter Current Decanters, Solvent Extraction and Ion Exchange to name a few.

Clean TeQ provides three types of ion exchange based processes pictured below.

Elution



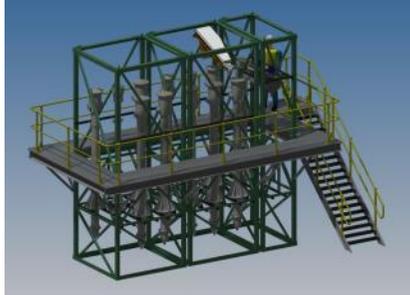
Resin-in-Column (cLX)



Resin-in-Pulp (cRIP)



Resource Recovery - Scandium | Japan's ISK is Japan's leading titanium dioxide producers. Clean TeQ and ISK will trial a plant in 2014 to extract scandium as a by-product.



Opportunity: The patent pending Clean-iX[®] scandium extraction and recovery process provides a simple and cost effective process for the extraction and concentration of scandium for the production of high purity scandium dioxide. With scandium being identified in commercial quantities in ores and by-products of refining processes, there exists an opportunity for a new global market in scandium supply and applications

Current Client Activity | Design, manufacture, installation and commissioning of a \$520K demonstration plant for scandium recovery at ISK's Yokkaichi Plant.

Resource Recovery - Base Metals | Clean TeQ is considering a number of opportunities to joint venture, partner or provide services to extract base metals from tailing projects.



Opportunity: The process, originally developed for nickel and cobalt recovery for BHP Billiton's laterite operations globally, offers significant advantages over conventional technology through reduction in capital and operating costs for extraction.

Current Focus | Clean TeQ is currently testing its proprietary Continuous Ion Exchange technology for the recovery of copper from ex-flotation tailings in Australia and South Africa

Resource Recovery – Base Metals | Australia Copper Gold Mine



Issue | The tailings at the mine contains appreciable amounts of gold and copper. Conventional process routes for extraction of the gold are marginal. Furthermore, the legacy acid mine drainage problem needs to be solved concurrently with mine tails processing.

Solution | Continuous Ion Exchange can be applied to recover copper in the water clean up program and the tailings extraction process, significantly improving the overall project economics.

Resource Recovery – Base Metals | South Africa Copper Zinc Tailings



Issue | The tailings at several mines in the region contain copper and zinc at grades that are uneconomic to process using conventional approaches. One identified mine alone contains \$1billion+ of potential recoverable value. These tailings present a significant environmental problem with potential to leach metals and an economic opportunity for metal extraction.

Solution: Continuous Ion Exchange may be applied economically to extract copper in the water clean up program and tailings extraction process.

Operational Update | Air Division

Sales | A significant spike in Air Division sales would appear to mark the end of the post-GFC spending slump, and to the uncertainty which followed the recent Federal election. \$4.1M of signed contracts over the last three months (using our biological, activated carbon and regenerative thermal oxidiser technologies) ensures a robust start to the 2014/15 financial year.

Going Global | A number of conversations are progressing with a view to internationalise CLQ biological air technology. Options being offered to CLQ include licensing, partnership, equity investment and merger.

Australian technology is particularly well regarded in Asia and the Middle East and it will be important to capitalise on our advantage in the short term.

Business Model | Price sensitivity in the Odour control market has made it very important to control costs. CLQ has adopted several measures over the last six months in order to restore a competitive edge in the marketplace. Procurement from China, standardisation of product, and the outsourcing the delivery component of projects is expected to improve profitability.

Operational Update | Water Division

Sales | Following extensive investigations and negotiations, CLQ was nominated as the preferred tenderer for a significant water treatment contract in South East Asia. Current estimations of external costs for engineering, procurement and construction of the plant are in the vicinity of \$30M, with the CLQ component representing approximately one third of that amount. The project has incurred a recent further delay. Having missed the execution date for installing a 2015 operating plant, the company is carrying out further in-house investigations as to the need and size of the water treatment plant. We expect to continue working closely with the company to optimise the eventual outcome.

Meanwhile, smaller Australian mine water clean up projects are being considered in order to achieve further market validation for CLQ technology.

Partnership | Discussions are underway with potential major international Water industry partners in Japan, Canada, Singapore and Israel (the latter two geographies being recognised as 'centres of excellence' in the water industry). Benefits sought for CLQ from these discussions include access to international projects, complementary technologies, Balance sheet strength, and license fee revenue and/or future investment capital.

Operational Update | Associated Water

CSG | Advances in the market for coal seam gas water treatment remains slow. The coal seam gas companies are looking to find savings in the gas production cycle due to downward pressures from the gas off-take partners. The most developed play, the Surat Basin, is employing large centralised water treatment plants to deal with produced water treatment. These plants are well down their design and delivery pathway with commitments in place. The opportunity for our technology to replace these mega plants in the short term is limited, even with the cost savings, due to the size of the plants and conservative nature of the industry. The future will be in the developing basins of Bowen, Galilee and New South Wales where decentralised water treatment and local supply for irrigation can be planned and implemented. We continue to promote the opportunity for water treatment at the WAMBO Feedlot where our demonstration plant produces irrigation quality water from produced water.

Partnership | Alliance with a key Water or Engineering company is being viewed as an important way to scale in the CSG water treatment market once new opportunities open up. Various key players are viewing CLQ technology as their potential cutting edge to secure a place in this long term revenue opportunity.

Operational Update | Resource Recovery Division

New Projects | We are assessing the best opportunities from a long list of Australian tailings dams and mines in rehabilitation in order to progress opportunities for base metals recovery. Preliminary test work will take place over the next two months on the technical aspects of extraction and concentration using leaching and ion exchange methods. These tests will be used to ascertain the economics of the process. We look to be in a position to promote the new flow sheet for tailings opportunities in 2015.

Going Global | Potential access to projects associated with international partners promises to open up opportunities in geographies and scale not considered possible previously by CLQ.

Conclusion - Investment Thesis | Extracting value (1) as a service provider to the **Waste Water industry** and (2) as a JV partner extracting valuable metals in the **Mining and Resources industries**



Corporate - “Stabilise and Grow Revenues”

- Australia - sell or JV air business for global expansion
- Asia - considering demonstration projects.
- Africa - Build business in environmental tailings remediation and metal recovery

Water Treatment - “Turning water into commercial value”

- Australia - Build on existing relationships with utilities
- Global - Demonstrate and showcase in Asia /Africa

Metal Recovery - “Recover and share in metal assemblages”

- Japan - demonstrate scandium recovery
- Australia - base and light metal projects
- Africa - Build business in tailings recovery and environmental clean-up

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