

16 October 2020

Investor Webinar Presentation

MELBOURNE, Australia – Clean TeQ Holdings Limited ('Clean TeQ' or 'Company') (ASX/TSX:CLQ; OTCQX:CTEQF) will participate in the Share Cafe Webinar - Micro/Small Cap "Hidden Gems" Webinar to be held today (Friday 16 October 2020) from 12:30pm AEDT / 9:30am AWST.

CEO and Managing Director Mr Sam Riggall will provide an overview of latest developments in relation to the Company's wholly owned Sunrise Battery Materials Complex in NSW as well as Clean TeQ's Water Technology business.

This free webinar is able to be viewed live via Zoom over the internet and will provide viewers the opportunity to hear from, and engage with, a range of ASX-listed leading micro/mid cap companies.

To access further details of the event and to register (for free), please copy and paste the following link into your internet browser:

https://us02web.zoom.us/webinar/register/WN_PQY2bMjATxCZgoDigxw0aA

A recorded copy of the webinar will be made available following the event. A copy of the investor presentation to be delivered during the webinar is attached.

For more information, please contact:

Ben Stockdale, CFO and Investor Relations

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This announcement is authorised for release to the market by the Board of Directors of Clean TeQ Holdings Limited.

About Clean TeQ Holdings Limited (ASX/TSX: CLQ) – Based in Melbourne, Australia, Clean TeQ is a global leader in metals recovery and industrial water treatment through the application of its proprietary Clean-iX® continuous ion exchange technology. For more information about Clean TeQ please visit the Company's website www.cleanteq.com.

About the Clean TeQ Sunrise Project – Clean TeQ is the 100% owner of the Clean TeQ Sunrise Project, located in New South Wales. Clean TeQ Sunrise is one of the largest cobalt deposits outside of Africa, and one of the largest and highest-grade accumulations of scandium ever discovered.

About Clean TeQ Water – Through its wholly owned subsidiary Clean TeQ Water, Clean TeQ is also providing innovative wastewater treatment solutions for removing hardness, desalination, nutrient removal and zero liquid discharge. The sectors of focus include municipal wastewater, surface water, industrial waste water and mining waste water. For more information about Clean TeQ Water please visit www.cleanteqwater.com.



Building a better world

Leveraging technology in energy
and water

Share Café Investor Webinar
Sam Riggall, CEO



TSX CLQ

Cautionary statement

Certain statements in this news release constitute “forward-looking statements” or “forward-looking information” within the meaning of applicable securities laws. Such statements involve known and unknown risks, uncertainties and other factors, which may cause actual results, performance or achievements of the Company or industry results, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements or information. Such statements can be identified by the use of words such as “may”, “would”, “could”, “will”, “intend”, “expect”, “believe”, “plan”, “anticipate”, “estimate”, “scheduled”, “forecast”, “predict” and other similar terminology, or state that certain actions, events or results “may”, “could”, “would”, “might” or “will” be taken, occur or be achieved. These statements reflect the Company’s current expectations regarding future events, performance and results, and speak only as of the date of this new release.

Statements in this news release that constitute forward-looking statements or information include, but are not limited to, statements regarding: financing of the Sunrise Project; the outlook for electric vehicle markets and demand for nickel and cobalt; completing final design and detailed engineering; making a Final Investment Decision; the timing of commencement and/or completion of construction, commissioning, first production and ramp up of the Project; the potential for a scandium market to develop and increase; metal price assumptions; cash flow forecasts; projected capital and operating costs; metal recoveries; mine life and production rates; and the financial results of the Project Execution Plan (PEP) announced on 28 September 2020 including statements regarding the Sunrise Project IRR, the Project’s NPV (as well as all other before and after taxation NPV calculations); life of mine revenue; capital cost; average operating costs before and after by-product credits; proposed mining plans and methods; the negotiation and execution of offtake agreements; a mine life estimate; the expected number of people to be employed at the Project during both construction and operations and the availability and development of water, electricity and other infrastructure for the Sunrise Project.

Readers are cautioned that actual results may vary from those presented.

All such forward-looking information and statements are based on certain assumptions and analyses made by Clean TeQ’s management in light of their experience and perception of historical trends, current conditions and expected future developments, as well as other factors management believe are appropriate in the circumstances. These statements, however, are subject to a variety of risks and uncertainties and other factors that could cause actual events or results to differ materially from those projected in the forward-looking information or statements including, but not limited to, unexpected changes in laws, rules or regulations, or their enforcement by applicable authorities; the failure of parties to contracts to perform as agreed; changes in commodity prices; unexpected failure or inadequacy of infrastructure, or delays in the development of infrastructure, and the failure of exploration programs or other studies to deliver anticipated results or results that would justify and support continued studies, development or operations. Other important factors that could cause actual results to differ from these forward-looking statements also include those described under the heading “Risk Factors” in the Company’s most recently filed Annual Information Form available under its profile on SEDAR at www.sedar.com.

Readers are cautioned not to place undue reliance on forward-looking information or statements.

Although the forward-looking statements contained in this news release are based upon what management of the Company believes are reasonable assumptions, the Company cannot assure investors that actual results will be consistent with these forward-looking statements. These forward-looking statements are made as of the date of this news release and are expressly qualified in their entirety by this cautionary statement. Subject to applicable securities laws, the Company does not assume any obligation to update or revise the forward-looking statements contained herein to reflect events or circumstances occurring after the date of this news release.

Overview

Capital Structure at 30 Sept 2020

Total issued shares	746.46M
Options / performance rights	28.68M
Share price	A\$0.285
Market Cap (fully diluted)	A\$221M
Cash	A\$40M (end June Qtr)



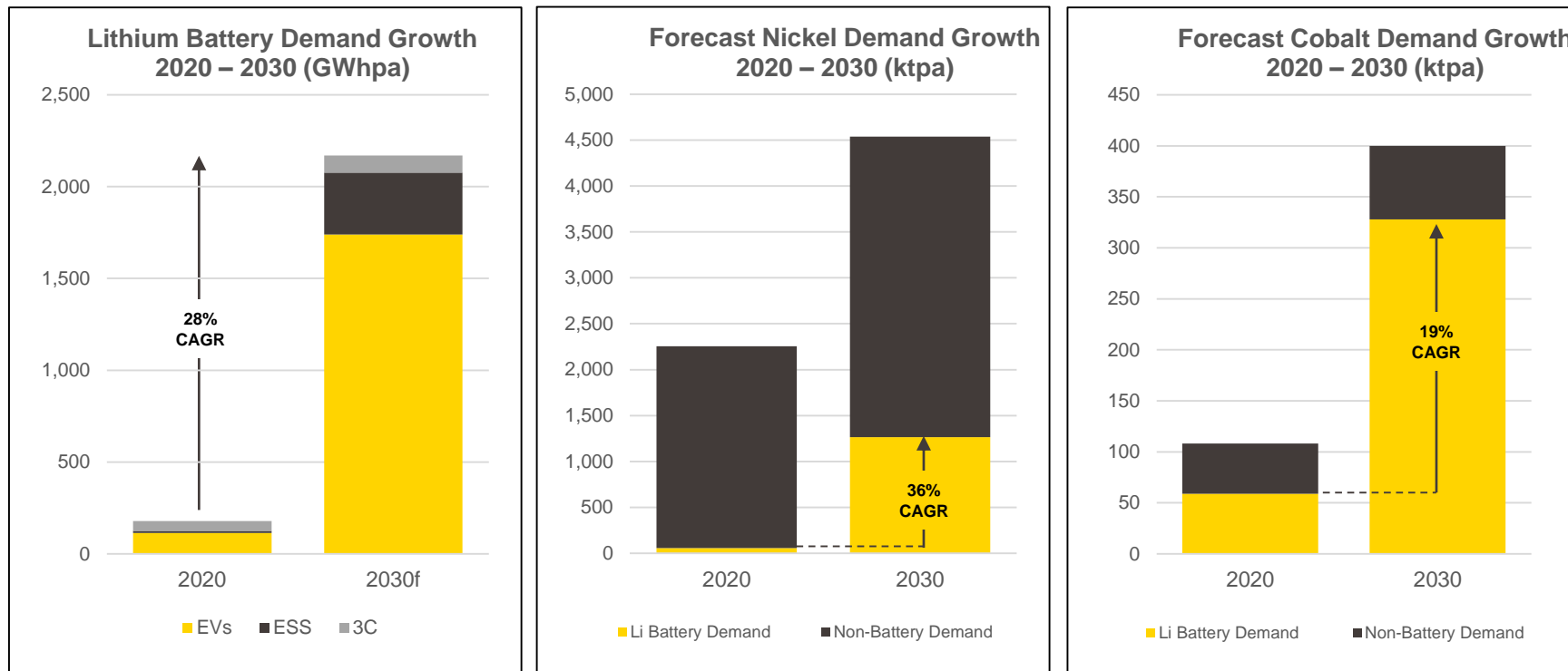
**CLEAN
TEQ**
SUNRISE

**CLEAN
TEQ**
WATER

**CLEAN
TEQ**
Powering innovation

Building a world-class battery metals business

Nickel and cobalt facing unprecedented demand growth



Source: Benchmark Mineral Intelligence

Headlines

Tesla in talks with Vale to buy Canadian nickel for electric cars

TECHNOLOGY 27 April 2019

BMW to source cobalt from Australia for EV batteries

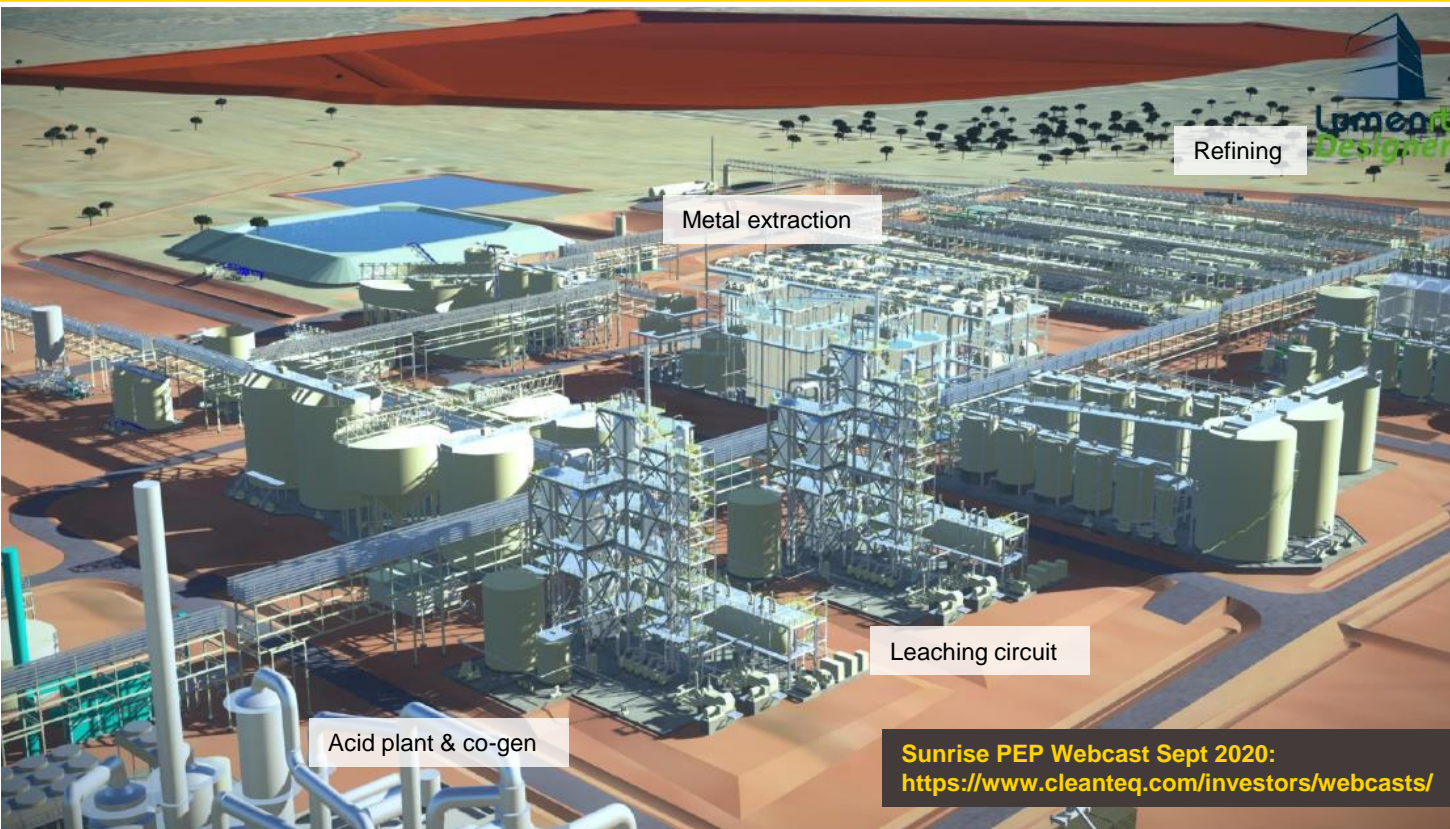
“Tesla to buy cobalt from Glencore for new car plants”

Exclusive: VW moves to secure cobalt supplies in shift to electric cars

Tesla turns to BHP for nickel

- ❑ Sovereign risk and supply chain dependency is driving carmakers to engage directly with the mining industry to secure supply – a new supply chain paradigm is emerging
- ❑ Nickel and cobalt, in particular, are critical to the cost and carbon footprint of the vehicle
- ❑ Metal price volatility represents a large risk to carmakers; a large opportunity to miners
- ❑ Ownership of resources is the only way to hedge supply and price risk for these volumes

Sunrise Project Execution Plan



By the Numbers

1 million

Approximate number of EVs supported by Sunrise's annual nickel and cobalt production¹

-US\$0.80

Negative C1 cash cost per pound of nickel (after by-product credits) over first 25 years of operation

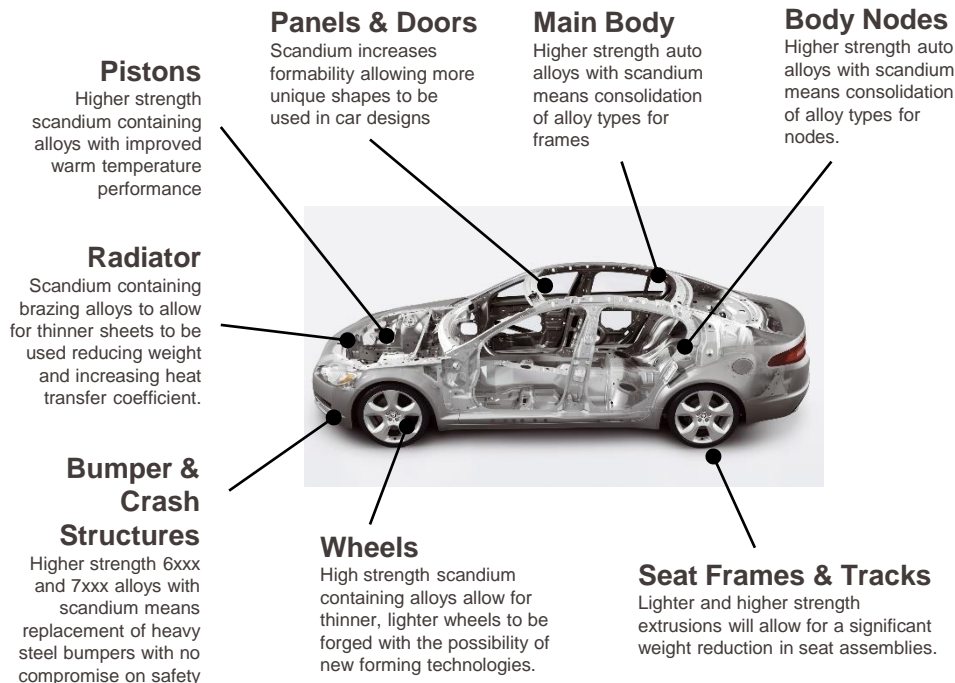
50+

Years of operation based on current mineral resources and planned throughput

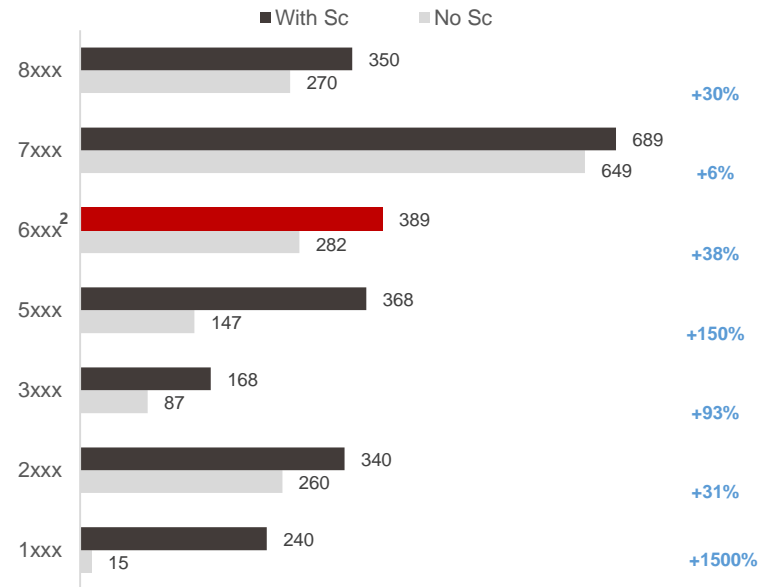
Sunrise PEP Webcast Sept 2020:
<https://www.cleanteq.com/investors/webcasts/>

1. Assumes NMC811 chemistry and average 50kWh battery pack size

Scandium – a new generation of alloys



Scandium Effect on Yield Strength (MPa)¹



Notes: 1. Hydro Aluminium R&D Sunndal, 2012. 2. Work completed by Clean TeQ.

Panasonic

AIRBUS

KBM AFFILIPS
MASTER ALLOYS



UAC UNIVERSAL ALLOY CORPORATION
A COMPANY OF MONTANA TECH COMPONENTS AG

DEAKIN
UNIVERSITY

Michigan Tech

Relativity

Sunrise - financial evaluation

Financial assumptions

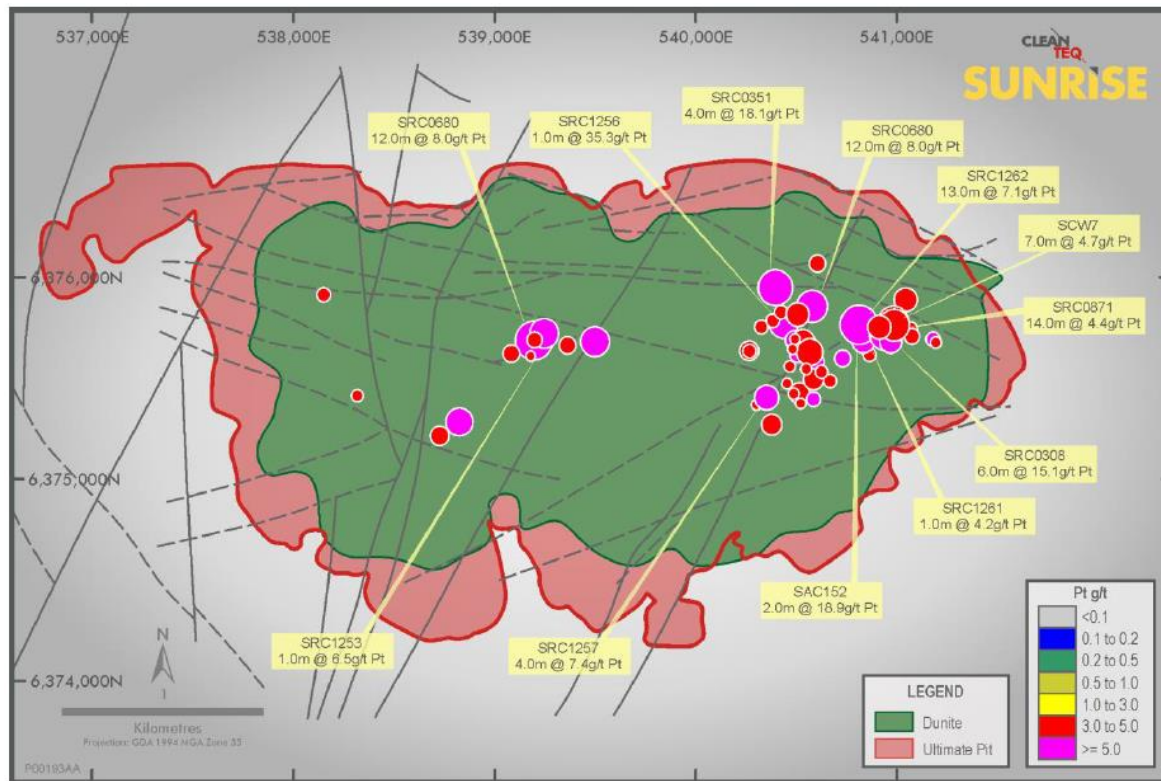
Mine life	25 years
Discount rate (real, ungeared)	8%
Corporate tax rate	30%
NSW state royalty	4%
Ni price	US\$24,200/t
Co price	US\$59,200/t
Scandium oxide price	US\$1,500/kg
Ammonium sulphate price	US\$130/t
USD/AUD rate	0.70

Valuation outputs (Yr1-25)

Net present value	US\$1.21B
Post-tax IRR	15.4%
Payback period	5.1 years
Capital cost	US\$1.8B
Total revenue	US\$16.3B
Total EBITDA	US\$10.8B
Avg. annual post-tax FCF	US\$308M



Phoenix platinum – high quality drill targets



- Sunrise hosts one of the largest platinum resources in Australia, with over 1Moz at surface
- Historic drilling demonstrated good grade intersections below the laterite
- A drill program to test the PGM potential below the laterite is scheduled to commence imminently
- Platinum is an important metal for the emerging hydrogen economy and fuel cell proton exchange membranes



Delivering innovative waste water treatment solutions

Localised water impacts

Agriculture, industry and energy can have major impacts if not managed well



Blue-green algae bloom from fertilizer and other chemical waste



Clean-up after cadmium spill in China



North Carolina coal ash spill into local river

FY20 – successfully delivering projects



Antimony Processing Plant

- Oman
- 500 tons/day
- DeSalx + Reverse Osmosis for re-use
- **Handover complete**



Gold Mine Waste Water

- Victoria, Australia
- 2000 tons/day
- Removal of Sulphate, Calcium, Magnesium, Arsenic, Antimony through DeSalx and precipitation
- **Handover complete**



Cobalt Nickel Raffinate

- Democratic Republic of Congo
- 20,000 tons/day
- Removal and recovery of Uranium through CIX
- **Constructed, awaiting commissioning**

BIOCLENS production commenced in Tianjin



Six pilot plants in progress



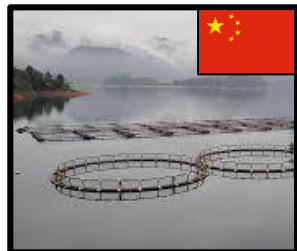
BIONEX (CIF + BIOCLENS)

- Municipal waste water polishing of nitrate



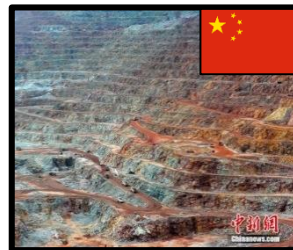
BIONEX (CIF + BIOCLENS)

- Steel waste water polishing of nitrate



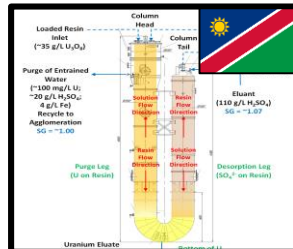
BIOCLENS

- Aquaculture nitrite removal for water recycling



CIF / U-Column

- Copper removal and recovery from copper/gold mining waste water



CLX / U-Column

- Uranium processing



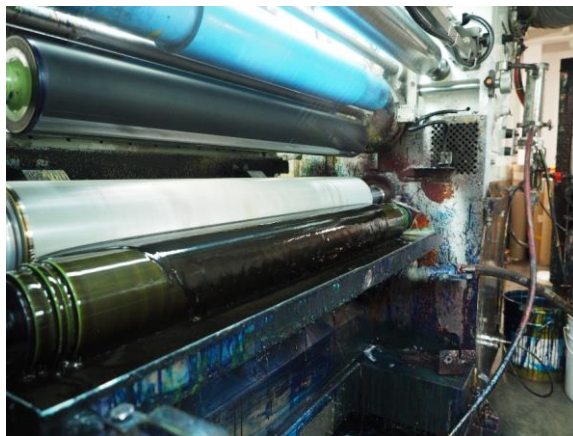
HIROX

- High recovery waste water recycling for mine

Pursuing leadership in separation and extraction technology

Graphene oxide membranes

- ❑ Joint Venture with Ionic Industries (NematiQ) to progress GO-membrane development
- ❑ Graphene oxide-based membranes have the potential to deliver significant benefits due to their high flux, tunability and non-fouling properties
- ❑ Commercial-scale printing runs in US have demonstrated economic printing speeds – the focus now is on improving robustness of the membrane and the cost of the substrate





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