

23 March 2023

The Manager Company Announcements Office Australia Securities Exchange

Dear Manager,

WESCEF INVESTOR BRIEFING AND SITE TOURS

Following is a presentation that will be given as part of an investor briefing and operational site tours of the Wesfarmers Chemicals, Energy and Fertilisers business on Thursday 23 March 2023, at 11:30am AWST / 2:30pm AEDT.

This briefing will be webcast and is accessible via our website at www.wesfarmers.com.au.

Supporting videos that provide an operational overview of the WesCEF businesses are available at https://www.wesfarmers.com.au/WesCEF-briefing-MAR23.

Yours faithfully,

Vicki Robinson

N. Robbin

Executive General Manager Company Secretariat

This announcement was authorised to be given to the ASX by the Wesfarmers Disclosure Committee.







I acknowledge the traditional custodians of the land we are meeting on, the Whadjuk Noongar people.

I acknowledge and respect their continuing culture and the contribution they make to the life of this region.

Schedule

Thursday 23 March 2023

Presentation



- Overview of WesCEF businesses
- Operations
- Strategies and competitive advantages
- Key performance drivers
- Climate opportunities
- Opportunities for growth
- Question and answer sessions

Kwinana Site Tour



- Tour of Kwinana production facilities
- Ammonia and Ammonium Nitrate (AN)
- Fertilisers
- Sodium Cyanide
- Kleenheat LPG and LNG
- Covalent Lithium refinery site

Friday 24 March 2023

Mt Holland Site Tour



- Operational tour of Mt Holland site
- Mine pit lookout
- Concentrator construction site
- Village walk through

Presentation agenda

Item	Presenter	Role	Page
Introduction and Overview	lan Hansen	Managing Director, WesCEF	2
Financial, HSEQ and People	Alex Willcocks	Chief Financial Officer, WesCEF	15
Decarbonisation	Mussaret Nagree	GM Climate Opportunities	23
Ammonia and Ammonium Nitrate	Leigh Meyers	GM Ammonia/Ammonium Nitrate	29
Sodium Cyanide	Barney Jones	GM Chemicals Joint Ventures and AV/ModWood	36
Kleenheat	Tanya Rybarczyk	GM Kleenheat	44
CSBP Fertilisers	Mark Scatena	GM Fertilisers	51
Q&A – WesCEF			
Lithium	Ian Hansen	Managing Director, WesCEF	59
Covalent Lithium	Ryan Hair Ross Martelli	Chief Executive Officer, Covalent Project Director, Covalent	
Q&A – Lithium/Covalent			

WesCEF overview



- A portfolio of complementary businesses with clear competitive advantages
- Safe operations and sustainable management
- Market-leading operating performance driven by a focus on reliability and continuous productivity improvements
- A proven history of sensible, timely deployment of major capital to meet market needs and deliver shareholder value
- A track record of successful expansion through incremental investment with significant further opportunities providing a pipeline for growth
- Major project and chemical processing experience that can be leveraged into emerging sectors (e.g. lithium)
- Technically skilled workforce across a breadth of disciplines

Presenting today

WesCEF Executive Leadership Team



Ian Hansen Managing Director



Alex Willcocks
Chief Financial Officer



Julie Watson General Manager HSEQ & Technical Services



Joe Perkins General Manager Human Resources & Corporate Affairs



Sheldon Renkema General Manager Business Development



David Zacher General Manager Major Projects



Mussaret Nagree General Manager Climate Opportunities



Leigh Meyers General Manager Ammonia / Ammonium Nitrate



Barney Jones General Manager Chemical JVs & AV / ModWood



Mark Scatena General Manager Fertilisers



Tanya Rybarczyk General Manager Kleenheat



Stephen Cowle General Manager Minerals

Covalent leadership – WesCEF secondees

Presenting today



Ryan Hair Chief Executive Officer



Ross Martelli Project Director



Ric Colgan Chief Financial Officer



Albert Romano General Manager Operations Refinery



Cameron Levitzke General Manager Commercial

Plus others in engineering, commercial and technical roles

Wesfarmers representatives on the Covalent Management Committee



Ian Hansen WesCEF Managing Director



Aaron Hood Wesfarmers Executive General Manager Business Development

WesCEF Operating Model

defines WesCEF's vision and how it contributes to the overarching Wesfarmers objective.



*30% is relative to 2020 baseline. Refers to Scope 1 and 2 emissions. See slide 24 for Net Zero 2050 assumptions.

















Strategic position and focus

Chemicals

Energy

Fertilisers

Lithium















Description

Production, sales and distribution of Ammonia, AN, Sodium Cyanide and specialty products.

Production, sales and distribution of LPG and LNG, retailer of natural gas and electricity. Import, production, sales and distribution of fertilisers and agricultural services.

Management company of JV with SQM (50:50). Developing an integrated battery grade lithium hydroxide project. Product marketed separately by JV partners.

Competitive position

- #1 WA AN
- #1 WA Sodium Cyanide
- #1 Australia PVC distribution
- #1 WA LPG
- #1 WA LNG (domestic)
- #2 WA natural gas retail

#1 WA Fertiliser

- · Strong ESG credentials
- High quality product
- · Security of supply

Competitive advantage

- Operational excellence delivering reliable supply
- Suite of contracts with high quality customers with raw material pass through protection
- · Trusted local brand
- Customer service
- · Local manufacturing capability
- Synergistically located and large scale key infrastructure
- Expertise-based value add services
- · High capacity infrastructure
- Local manufacturing

- Globally significant, highquality hard rock lithium deposit
- Partnered with experienced lithium hydroxide producer

Customers

- · Major mining customers
- Major explosives manufacturers
- Large global and domestic gold miners

- Households
- Resources
- Commercial
- LeisurePower
 - Power generation

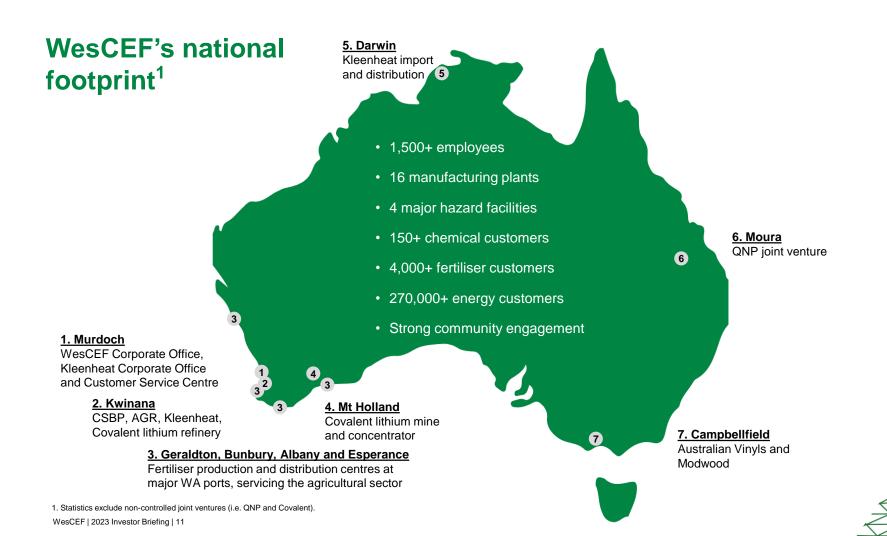
Industrial

- WA growers
- Elders
- · Independent retailers

- Building long term customer relationships that value ESG credentials
- · Global EV manufacturers

NB: a glossary of terms and definitions of acronyms is included on page 79.

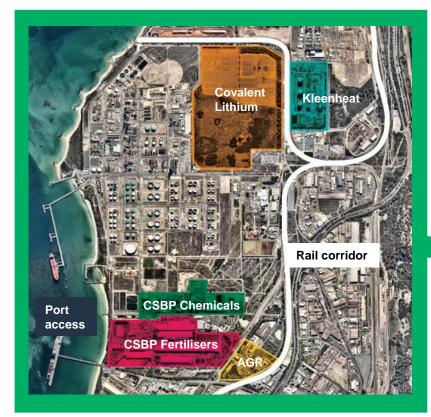
WesCEF | 2023 Investor Briefing | 10

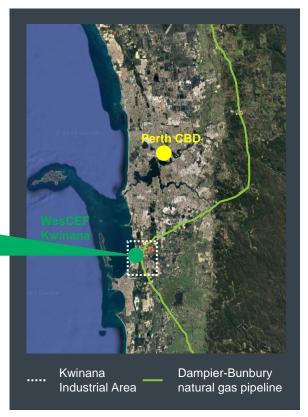


Integrated Kwinana operations with access to key infrastructure

Critical Kwinana infrastructure:

- Direct access to natural gas
- Priority port access
- Rail corridor connecting to eastern goldfields
- Major road connections
- Co-located facilities enabling sharing of talent and expertise



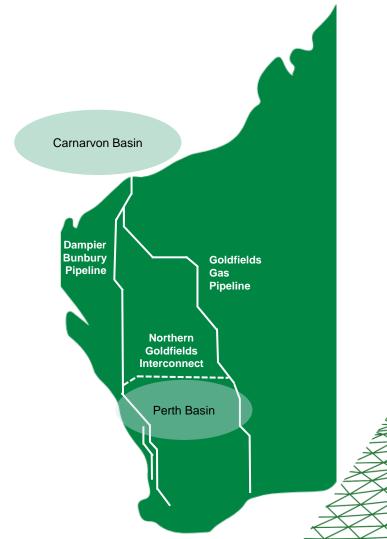


Natural gas in Western Australia

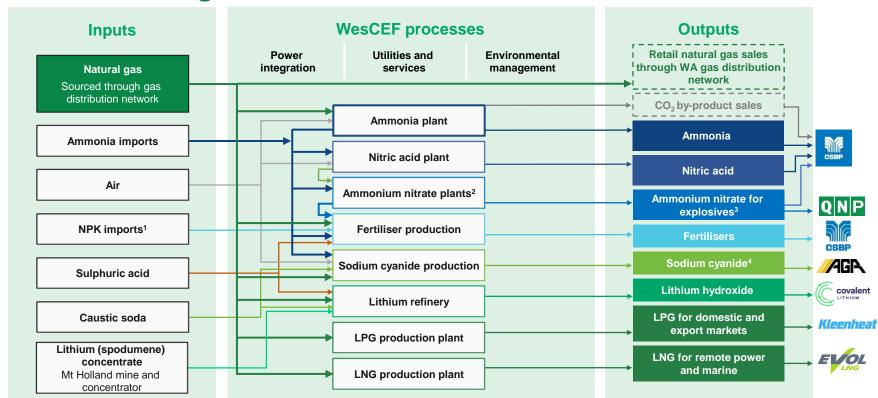
- The Western Australian gas market is disconnected from the east coast
 - The WA Domestic Gas Policy requires domestic sale equivalent to 15% of LNG production from each LNG export project over its life
- The WA market has traditionally been supplied from domestic and LNG export projects from the Carnarvon Basin
 - Recent exploration activity has been undertaken and several projects are under development in the Perth Basin
 - Gas demand in WA is expected to increase as coal power plants are retired and use of gas in electricity generation increases

Natural gas at WesCEF

- WesCEF uses natural gas as a chemical feedstock for manufacturing, energy source for operations and retail product through Kleenheat
- Established relationships with all major WA gas producers, under gas supply contracts that are typically 1-5 years in length
- Storage capacity enables effective management of supply interruptions
- Through CSBP, WesCEF has an 11-year, 100 petajoule gas supply agreement with Strike Energy
 - The supply agreement is subject to development of the West Erregulla project in the Perth Basin and would provide 25 terajoules/day



Divisional integration

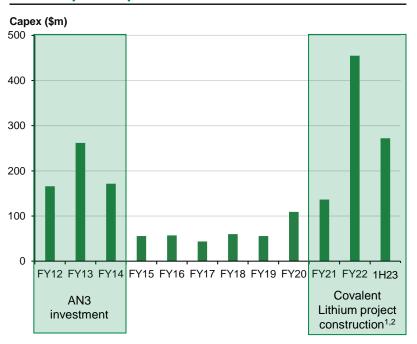


- 1. Nitrogen, phosphorus and potassium imports.
- 2. Includes ammonium nitrate solution / emulsion plants and a prilling plant.
- 3. Includes Queensland Nitrates, 50% owned joint venture in Queensland. Distributes AN solution, emulsion and prill.
- 4. Sodium cyanide solution to WA markets and solids to export markets.

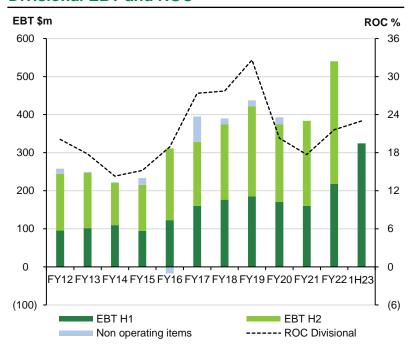


Track record of capital deployment to meet market needs and deliver shareholder value

Cash capital expenditure



Divisional EBT and ROC3

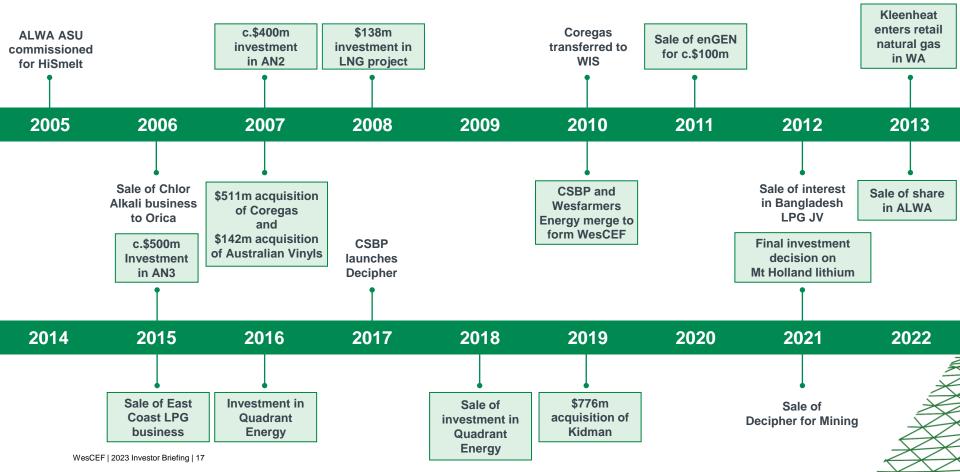


^{1.} Includes capitalised interest related to the Covalent lithium project.

^{2.} Excludes \$776m acquisition of Kidman Resources in FY20.

^{3.} ROC is calculated as EBT / capital employed, where capital employed excludes right-of-use assets and lease liabilities.

History of portfolio management and investment



Opportunities for further investment support long-term growth

Pipeline of major project opportunities

Kwinana Ammonia expansion

- Increase ammonia production capacity at Kwinana from 270ktpa to c.570ktpa, displacing imported volume
- Currently with WA EPA for approval

Sodium Cyanide expansion

- Increase production capacity from 95ktpa to c.130ktpa
- Provide additional volume for export
- Expansion study nearing completion

Nitric Acid Ammonium Nitrate (NAAN) debottlenecking

- Increase production capacity from 825ktpa to c.945ktpa
- ~40ktpa opportunity in each of the three NAAN plants
- Engineering design underway

Covalent Lithium project

- Mine and concentrator expansion study underway
- Consideration of refinery capacity expansion to be undertaken following completion of commissioning

Dongara Carbon Capture and Storage and blue ammonia concept study

Early-stage feasibility study in partnership with Mitsui & Co

Supported by strong enablers

- Culture of financial discipline
- Business development and project evaluation capabilities
- Focus on timeliness of projects to meet market needs (underwriting with feedstock/offtake as appropriate)
- Engineering and project delivery expertise
- Investment in new systems and processes

Investing in our people

Culture

A culture that supports diversity and inclusivity, with a focus on customers and the overarching Wesfarmers objective.

Leadership

Investing in leadership development from frontline supervisors to the executive team.



Training and development

Developing and maintaining key capabilities and competencies for operational and professional employees.

Contractors

Onboarding over 2,000 contractors annually to safely undertake plant maintenance and shutdown.

Talent pipeline

Investing in apprenticeships, traineeships, and programs for vacation, cadet, graduate and work experience students.

Depth of capability

Key talent and skills benchstrength to facilitate major projects and M&A activities.



Supporting Kwinana, Perth and regional communities



Safe Person, Safe Process, Safe Place









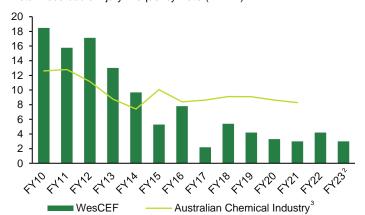
Process Safety

Manages potential impact on workers, assets and the wider community

- Reduce serious injury risk through the implementation of a high potential (HiPo) risk management program, focusing on effective critical controls.
- Proactively identify and understand process safety hazards and work to eliminate or manage the risk appropriately.
- Embed psychosocial wellbeing as an accepted and sustainable health and safety principle.
- Provision of high-quality safety and operational training and education.
- Continue to focus on keeping people fit for work, through good job design, proactive ergonomic assessments, hygiene monitoring, and periodic health assessments.

Ongoing improvements in safety performance

Total Recordable Injury Frequency Rate (TRIFR)1



- 1. TRIFR is the number of lost time injuries and medical treatment injuries per million hours worked.
- 2. Rolling 12-month figures to December 2022.
- 3. Chemical industry benchmark data latest publication is FY21.

Environmental responsibility

Focus on managing environmental responsibility by:

- Ongoing focus on greenhouse gas reductions
- Further increasing energy efficiency and heat recovery
- Monitoring and minimising emissions
- Addressing legacy waste management and land remediation
- Diversifying water sources and minimising water usage
- Ensuring effective wastewater management on site through optimising wetlands treatment
- Identifying and managing environmental risks within projects
- Implementing a data analytics and management strategy to streamline data collection and ensure accuracy
- Maximising recycling, minimising waste and identifying circular economy opportunities





ENABLERS

2020

Relative to unabated 2020 baseline

WesCEF's 2050 Net Zero Roadmap



Upgrade abatement technologies

2030

30%

Relative to abated 2020 baseline



of WesCEF's Scope 1 & 2 emissions have abatement potential







Large



SCOPE 3 PATHWAY AND ROADMAP EVOLUTION



PHASE ONE

5.5MT cumulative abatement in Phase 1



PHASE TWO



PHASE THREE

CLIMATE GOVERNANCE

- · Climate Opportunities Executive
- · Creation of dedicated Climate Opportunities Team

WesCEF | 2023 Investor Briefing | 24

PARTNERSHIPS

· Suppliers, customers, industry and researchers to deliver decarbonisation across value chains

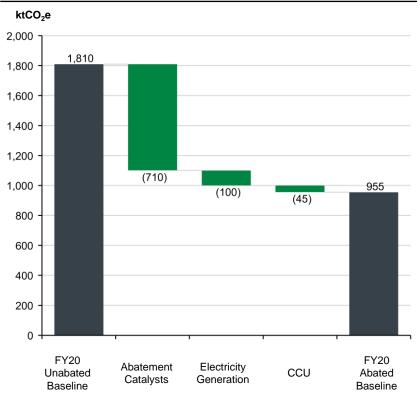
TRANSPARENCY

- · All material Scope 3 categories estimated
- · Sharing data across value chains

1. Over the period to 2050. WesCEF assumes that new technologies (such as green ammonia and hydrogen) continue to advance and that they become commercially viable and capable of operating at scale well before 2050 and that Government policy is supportive of climate action while maintaining competitiveness of industry. Quality offsets may be used to offset any residual emissions in 2050.

Phase 1: Nitrous oxide abatement, electricity generation and CCU





Ongoing emissions management initiatives

Abatement catalysts in nitric acid plants



In 2012 WesCEF commenced the installation of secondary catalysts in its nitric acid plants. The catalysts turn nitrous oxide into oxygen and nitrogen

- Delivered a step shift reduction in AN emissions intensity from >1 to ~0.25 tCO₂e/t AN
- Phase 1 cumulative abatement of 5.5 mtCO₂e

Electricity generation



- Long history of capturing heat produced by manufacturing plants to generate electricity
- CSBP Kwinana site currently generates 75% of its own electricity needs

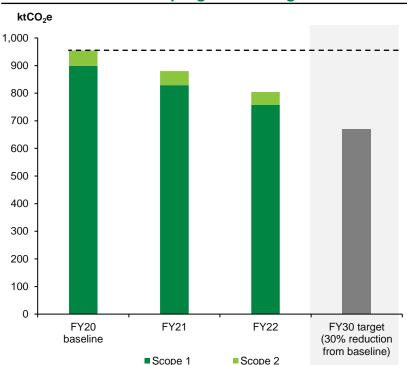
Carbon capture and utilisation (CCU)



- Capture and sale of pure CO₂ that is a by-product of hydrogen production via steam methane reforming
- CO₂ is utilised in beverages, food preservation, water processing and metals refining

Phase 2: 30% reduction by 2030 based on FY20 business mix





Phase 2 priorities

Upgrade abatement catalysts in nitric acid plants



- Optimising performance of existing secondary abatement catalysts and evaluating additional nitrous oxide abatement technology
- Will support near complete elimination of nitrous oxide emissions from nitric acid production

Residual Scope 2 emissions from electricity generation



- WesCEF already produces most of its own electricity requirements
- Exploring ways to eliminate residual Scope 2 emissions from electricity consumption

Developing a pathway to reduce Scope 3 emissions



- Estimation of Scope 3 emissions for all material categories completed in FY22
- Focus now on developing a deeper understanding with the view to developing a pathway to reduce Scope 3 emissions

Note: FY20 Baseline has been restated to current global warming potentials of relevant greenhouse gases. WesCEF's baseline emissions will be updated in the event of significant portfolio changes, such as material changes to production volumes and mergers, acquisitions and divestments. It will also be updated to reflect changes in greenhouse gas emission reporting protocols. Should changes to the baseline be made, the 2030 interim reduction target may also change.

Phase 3: Foundational work

Working with the right partners to enable the third phase of WesCEF's decarbonisation journey

T	
apa	Working with APA to study the transportation of hydrogen along the southern portion of the Parmelia Gas Pipeline.
MITSUIACO.	Partnership with Mitsui & Co to explore feasibility of building a low carbon ammonia plant including a carbon capture and storage solution.
CSIRO	Sponsor of CSIRO's CO ₂ Utilisation Roadmap 2021.
APPTER IONICS	Member of a consortium, led by Jupiter Ionics, to develop breakthrough green ammonia
Australian Industry Energy Transitions Initiative	Founding member of the Australian Industry Energy Transitions Initiative.
AUSTRALIAN HYDROGEN COUNCIL	Member of the Australian Hydrogen Council.

Decarbonisation summary and outlook

- Focus on greenhouse gas emissions performance relative to baseline and improvement in emissions intensity
- High degree of confidence in 30% reduction by 2030 and striving towards committed target of Net Zero by 2050
 - Achievement of target is expected to avoid safeguard liability in period to 2030
 - 2030 target is in addition to ~40% abatement already delivered
- Current decade is critical in terms of testing and proving technologies for the post 2030 period
- Growth guardrails:
 - Undertake major investments only if they have a clear and credible path to net zero by 2050
 - Proceed with product volume growth only if it reduces the emissions intensity of that product over the investment horizon
- Increasing focus on Scope 3 emissions and engagement across value chains



Ammonia and Ammonium Nitrate

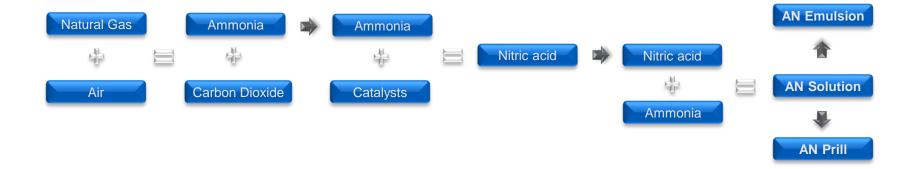
Leigh Meyers

General Manager

Ammonia / Ammonium Nitrate



Ammonia/Ammonium Nitrate Production processes



Plant capacities

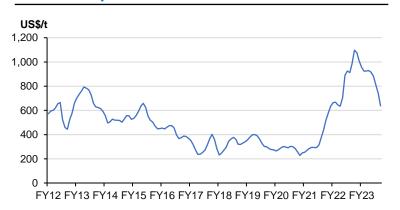
Plant	Year commissioned	Initial nameplate capacity (ktpa)	Current capacity (ktpa)
Ammonia	2000	225	270
NAAN 1 (solution)	1996	200	275
NAAN 2 (solution)	2008	235	275
NAAN 3 (solution)	2014	260	275
Total AN		695	825
Prill Plant	2008	350	620
Emulsion	2017	>100	

Over time, disciplined investment and operational improvement have delivered significant improvements in production and plant capacity

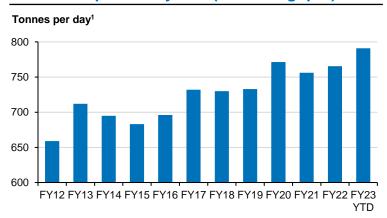
Ammonia

- WesCEF's ammonia requirement is approximately 520ktpa, of which c.270ktpa is manufactured with the remainder imported
- Regulatory approvals for ammonia expansion project currently being assessed; FID expected late calendar year 2024, subject to approval timing
- Ongoing improvement in plant performance driven by incremental investment and robust asset maintenance program

Ammonia price – CFR Far East



Ammonia plant daily rate (net throughput)

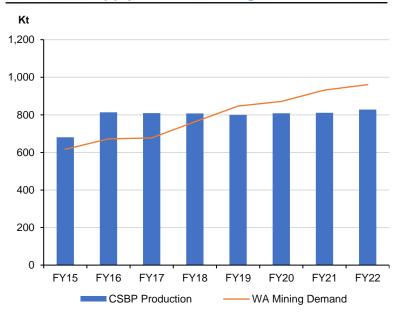


Majority of customer contracts (direct and downstream) linked to global ammonia price with a three-month lag

Ammonium nitrate flexibility and optionality

- CSBP is a reliable supplier of ammonia and AN, and is the #1 supplier of AN in WA
- History of ongoing investment and continuous improvement
- Majority of CSBP AN is sold as Explosives Grade AN (EGAN) to customers in the WA mining sector
- Long-standing CSBP ability to switch AN production between EGAN and Fertiliser (UAN) manufacture, providing market depth and flexibility beyond core WA mining demand
- CSBP has identified an attractive debottlenecking opportunity to increase capacity of existing NAAN plants by c.15% (120ktpa) over the next five years to satisfy increasing demand

CSBP AN supply and WA mining demand

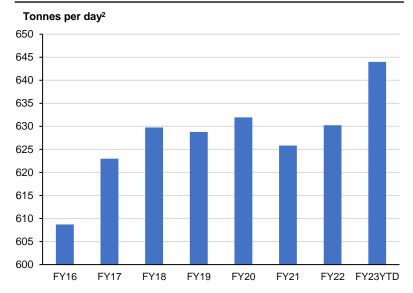


Source: CSBP internal analysis

Nitric acid plant performance

- Record overall production achieved through continuous improvement and investment in data analytics
- Average online Nitric Acid Plant rates have improved 5.8% since FY16 through incremental investment and engineering developments
- Average nitric acid plant availability of 95.1% –
 in the top quartile of global nitric acid producers¹
 due to robust asset maintenance and
 improvement processes

Average plant rate



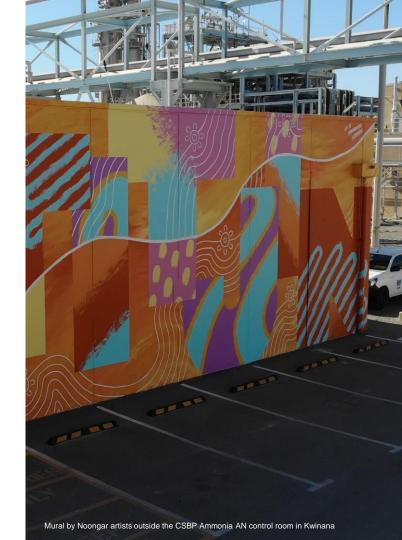
Nitric acid plant performance highlights continuous focus on delivering world-class performance

Independent benchmarking 2016.

^{2.} Tonnes per day while the plant is online.

Ammonia and AN summary and outlook

- Strong long-term partnerships with large counterparties
- An unwavering focus on safe and sustainable management
- Market-leading operating performance driven by a culture of enhanced reliability and continuous productivity improvements
- Progressing ammonia production capacity expansion to displace current imports
 - Environmental approval submitted in December 2022
 - FID expected late calendar year 2024, subject to approval timelines
- Advancing study to debottleneck NAAN plants to increase total production by c.120ktpa



Sodium Cyanide

Barney Jones

General Manager

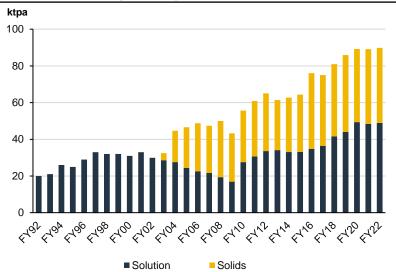
Chemicals Joint Ventures and AV/Modwood



Overview of Sodium Cyanide business

- Australian Gold Reagents (AGR) is a joint venture between the operating and sales agent CSBP (75%) and Coogee Chemicals (25%)
- Sodium cyanide is used for recovery of gold in mining
- Australia is the second largest gold mining country, with two thirds of Australian gold mined in WA
- The technology to produce sodium cyanide is limited to a small number of global producers and AGR is the only producer of sodium cyanide in WA
- Expansion study currently underway, building on strong track record of incremental debottlenecking projects, which are far less capital intensive relative to development of new facilities

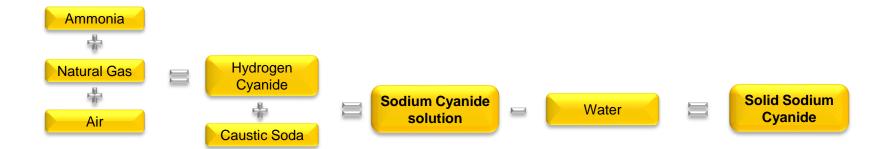
AGR sodium cyanide production



AGR sodium cyanide production facilities

Plant	Commissioned	Capacity (tpa)
Solution Plant No 1	1988	Combined total
Solution Plant No 2	1998	of ~95,000
Solids Plant	2002	>45,000

Sodium cyanide production process



Three different products are provided to meet customer needs

Solution

- 30% sodium cyanide
- Delivered ready for use
- No onsite water needed
- No onsite handling
- No box destruction
- Lower inventory
- Increased freight cost

Midwest / Goldfields WA



Solid to Solution

- ~98% sodium cyanide
- Requires onsite mixing
- Requires water onsite
- No onsite handling
- No box destruction
- Lower inventory
- Minimises freight costs

Remote WA, interstate, overseas



Solids

- ~98% sodium cyanide
- Requires onsite mixing
- Requires water onsite
- Onsite handling
- Box destruction required
- Boxes easy to store
- Minimises freight costs

Interstate and overseas





Value-added services represents a key part of the product offering

Transport

- Audits of logistics providers
- Route reviews for transport

Training

 Training of customers' teams in safe handling of sodium cyanide

International Cyanide Management Institute (ICMI) compliance

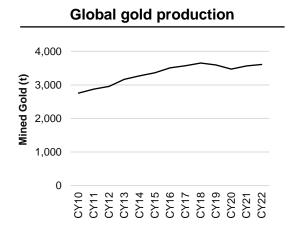
 Assistance for customers and transporters to obtain and maintain ICMI code compliance

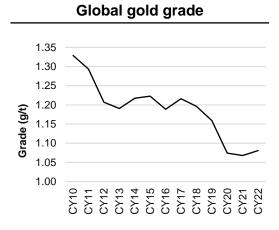
Sodium cyanide usage

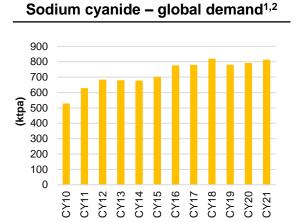
 Assistance with efficiency of sodium cyanide use through Australian Minerals Industries Research Australia program



Global gold production, grade and demand for sodium cyanide







Sodium cyanide demand is supported by increasing gold production and decreasing gold grades, requiring more ore to be processed to extract a given amount of gold

^{1.} CY22 data not yet available

Excludes China domestic usage; includes China exports to importing countries Sources: World Gold Council, Wood Mackenzie, IHS, CSBP analysis WesCEF | 2023 Investor Briefing | 42

Sodium cyanide summary and outlook

- Over 30 years of operation without a significant safety or environmental incident
- Facilitated the growth in Western Australian gold production, and a key partner for tier one mining companies both domestically and overseas
- Market-leading operating performance driven by a focus on reliability and continuous productivity improvements
- A track record of successful expansion through incremental investment
- Sodium cyanide production expansion study nearing completion to increase production capacity from 95ktpa to c.130ktpa
 - FID expected second half calendar year 2023

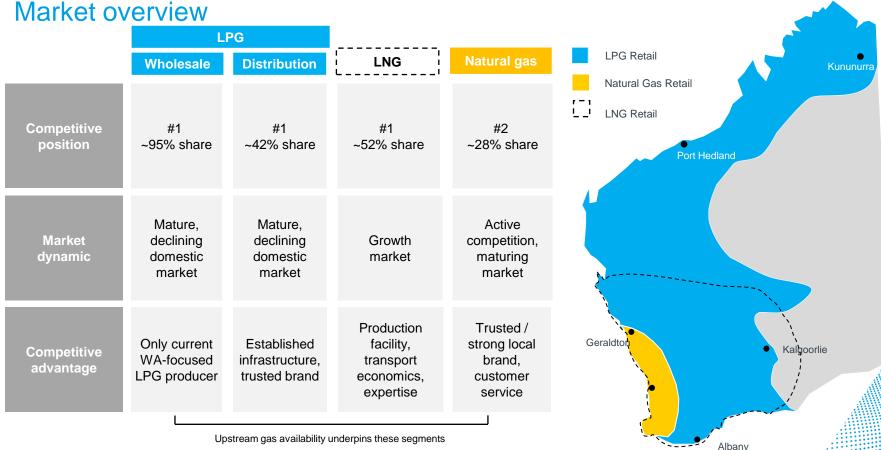


Kleenheat

Tanya Rybarcyzk General Manager Kleenheat



Kleenheat is a WA-focused energy solutions provider



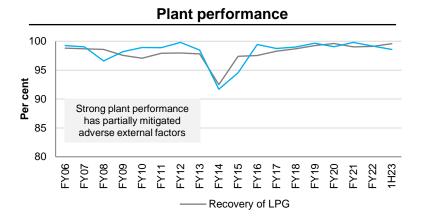
LPG production and distribution

- Established over 65 years ago and the only current WA-focused LPG producer
- Supply from own production (WA) and import facility (NT)
- Servicing all LPG markets (bulk, forklift, residential, autogas and leisure)
- Bulk uses include industrial heating, food production, minerals processing and fabrication

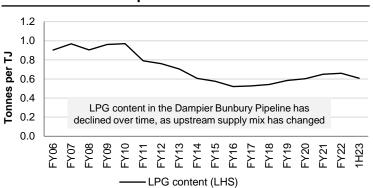
LPG facilities	
Commissioned	1988 (train 1) 2000 (train 2)
Products	Propane, butane and condensate
Capacity	350 ktpa
Availability	~98%
Propane storage	13kt
Butane storage	13kt
Condensate storage	13kt



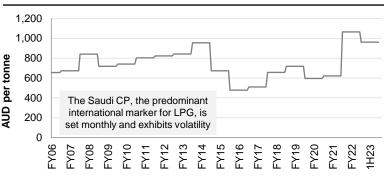
Key drivers of LPG business



Pipeline LPG content

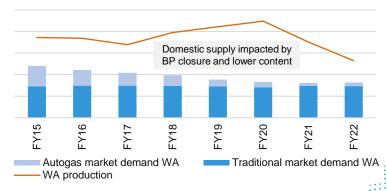


Saudi Contract Price



Source: Gas Energy Australia. Prices shown as a financial year annualised average.

Domestic demand and supply for LPG

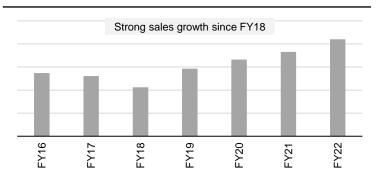


Source: internal estimates, Gas Energy Australia

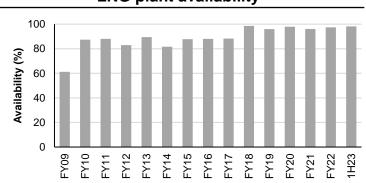
LNG

- Plant commissioned in 2008 with a capacity of 86 ktpa
- EVOL LNG business services remote power generation by offering a cleaner alternative to diesel
- Over 391,000 tCO₂e avoided¹ using LNG instead of diesel as an energy source
- Value drivers:
 - LNG production (plant availability)
 - Complementing renewables
 - Strong mining activity

LNG sales volume



LNG plant availability²



^{1.} Customer Scope 1 emissions since 2008, internal estimates.

^{2.} Plant availability excludes planned periods of suspended production.

Retailing natural gas and electricity

Natural gas

- Commenced retailing to the WA market in March 2013
- Around 220,000 customers (~ 28% share, #2 position)
- No physical assets: account management and marketing business
- Serving residential, small to medium enterprise (SME), commercial and industrial markets
- Competitive market five retailers now competing in WA
- Awarded Canstar's Most Satisfied Customers Natural Gas 2022

Electricity

- No generation infrastructure
- Services contestable business and industrial markets in SWIS
- Residential market not yet contestable

Brand strengths



WA born and bred



Local customer service



Ongoing value

Spontaneous awareness



(Market research, July 2022)





KLEENHEAT

Kleenheat summary and outlook

- Kleenheat Production Facility and storage are key strategic assets
- Strong brand awareness; Canstar's award for Most Satisfied Customers - Natural Gas 2022
- Strong market positions in LPG, LNG and natural gas with capability to leverage growing WA mining sector
- Strong reputation for safety and regulatory compliance in highly regulated markets
- Actively working towards a Net Zero 2050 roadmap alongside our customers
 - Recent launch of carbon offset offer for natural gas residential customers
 - Development of a similar offer for our LPG customers underway



CSBP Fertilisers

Mark Scatena
General Manager
Fertilisers



Fertiliser business overview



Industry Context

- Demand for food and fibre continues to grow, underpinned by rising global incomes and population
- Australia has a comparative advantage in agriculture, with WA the largest grain-producing region
- WA fertiliser market structure benefits from direct distribution to customers, which differs to the East Coast market where there is a greater reliance on intermediary fertiliser distributors
- Fertilisers are essential for profitable and sustainable agricultural production

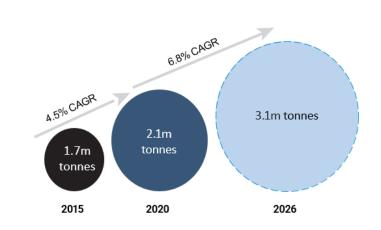
Competitive Position

- Market-leading position and well established, difficult to replicate assets in a growing and attractive addressable market
- Agronomic capability and nutrition tool development leveraging data and analytics
- Range innovation leveraging research and manufacturing tailored for local conditions
- Long-term outlook focused on sustainability, nutrient use efficiency and carbon emissions intensity
- Ability to leverage CSBP Kwinana manufacturing infrastructure

Strong long-term fertiliser demand outlook and improving yields

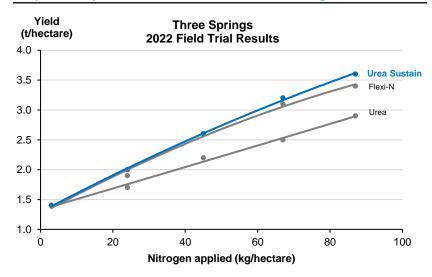


WA projected fertiliser demand



Source: CSBP Fertilisers internal estimates

Improved yield – trials research and range innovation



Market-leading proposition and difficult to replicate assets



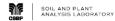
Strong CSBP offer

- High efficiency solids import at Kwinana; priority port berth access
- Import, storage and despatch capacity in all WA port zones
- Liquid import and storage infrastructure of scale
- Direct agronomy-focused sales relationship with grower customers
- Industry accredited nutrition recommendation system
- Soil and plant analysis laboratory

Exclusive CSBP capabilities and offer in WA

- Solids fertiliser manufacture (compounds and superphosphate)
- Access to ammonium nitrate for domestic Flexi-N manufacture
- Locally developed and tailored product range
- Proprietary geospatial nutrition management system
- In-season nitrogen recommendation tool
- Dedicated nutrition-focused sustainable agriculture team







CSBP DETECT

CSBP NULOGIC





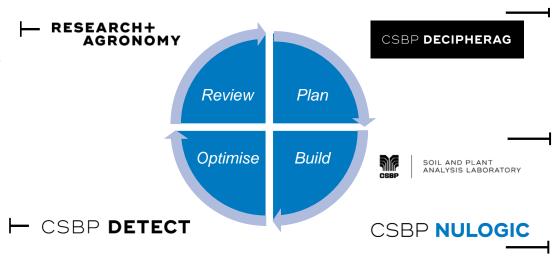
Differentiated offer leveraging agronomic and digital capabilities to grow the overall market and CSBP's share



Qualified and experienced CSBP sales account managers and agronomists to support nutrition decisions

Leading-edge nutritional research into products, placements, timings and rates to provide the best advice to improve nutrient use efficiency

Real-time nitrogen status and recommendations for cereal crops (applying machine-learned algorithms via hand-held spectrometer)



Soil and plant nutrition hub to plan, implement and review season via farm mapping, satellite imagery, zone, variable rate technology and nutrient trends

Expert in soil, plant and water testing, offering a comprehensive range of nutritional tests

Fertiliser recommendations based on soil and plant analysis factoring in agronomics and economics

Supporting growers' decarbonisation and sustainability

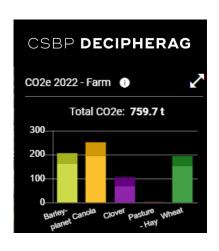


Understanding and measuring

Educating and advocating

Developing and deploying solutions

Researching and partnering







RESEARCH+ AGRONOMY



Fertilisers summary and outlook

- Leadership position in growing and attractive addressable market
- Differentiated and difficult to replicate customer proposition
- Focus on continuous improvement to offer the best nutrition advice, supply reliability and customer experience
- Vertically integrated leader in nutrient procurement, import, manufacture, storage and despatch, with differentiated range of products tailored to local market
- 100-year history of trials and research-based agronomic and nutrition science, coupled with market leading digital tools to grow the market and CSBP's share
- Leveraging CSBP manufacturing, storage and despatch infrastructure at Kwinana



Questions?







Joint Venture proponents and structure



- 50+ year history of chemical operations in Kwinana,
 100+ year history of operating in Australia
- Local expertise in managing the design, construction, commissioning and ramp-up of chemical processing plants
- Strong relationships with regulators and government





- Global expertise in the development, production, marketing and sale of chemical products, including lithium hydroxide and lithium carbonate
- Technical experience in the development of lithium chemical refining processes
- International trading network in more than 110 countries

WesCEF lithium value proposition

Security of Supply

Quality

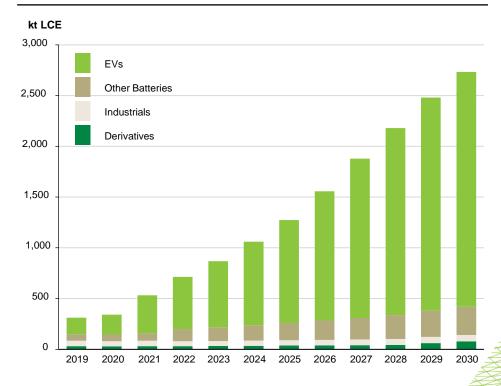
Environmental, Social and Governance



Lithium market

- Strong demand outlook for battery grade lithium
- Driven by increasing penetration of battery electric vehicles (BEV) and battery energy storage systems (BESS)
 - Forecast BEV and BESS demand growth of 18% per annum between 2022 and 2030
 - Significant investment in BEV and lithium-based battery infrastructure
 - Major government requirements for BEV technology in new cars
- Lithium supply response impacted by significant lead time to bring new capacity online

Lithium demand outlook



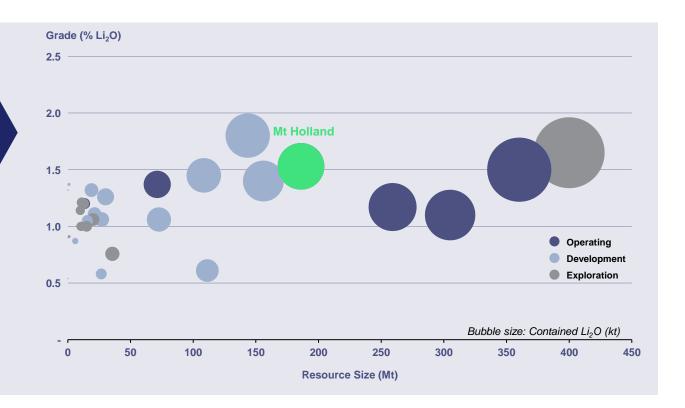
Source: Benchmark Minerals



World class hard rock resource







Source: WesCEF analysis based on public filings

Project overview • Mt Holland and Kwinana





Upon project completion, Covalent Lithium will be a Western Australia-based integrated producer of premium, battery-grade lithium hydroxide for the electric vehicle market.

MT HOLLAND LITHIUM DEPOSIT

- Resources: 186Mt @ 1.53% Li₂O
 (7.0Mt of lithium carbonate equivalent)
- Reserves: 84Mt @ 1.57% Li₂O

PERTH • KALGOORLIE

Mine site
Kwinana
Refinery MT HOLLAND

The Project Comprises

- Mine and Concentrator: Located at Mt Holland in WA's Goldfield's region. Will produce ~380ktpa of spodumene concentrate.
- Refinery: Located in Kwinana. Spodumene to be transported to Kwinana for refining to 50,000tpa of battery-grade lithium hydroxide.

Mt Holland Lithium Deposit

- Globally significant, high-grade hard rock deposit.
- Size of deposit and ore body characteristics are favourable; expected to support a longlife, low-cost operation.

Sustainability

 Focus on safety, the environment and embracing a diverse and inclusive workforce.

Traditional Owners - Mt Holland

 The Kalamaia Kalarku Kapurn people of the country of the Marlinyu and Ghoorlie trees.

Project update



Status

- First ore was mined in December 2022
- Concentrator >85% complete, early commissioning has commenced
- Refinery civil works complete
- Majority of the long-lead items have arrived at the refinery

Continue to manage challenges including:

- Supply chain disruptions
- Availability of skilled labour
- Inflationary environment

Current timetable

- Project construction commenced: July 2021
- First production from Mt Holland concentrator expected:
 late calendar year 2023
- First production from Kwinana refinery expected: first half calendar year 2025

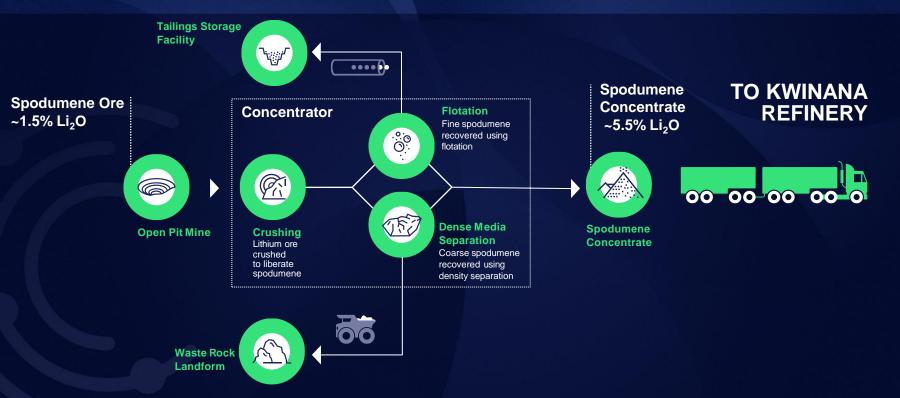
Capital Costs

- Capital costs impacted by COVID-19 delays and WA labour costs
- The project benefitted from long lead time items being secured pre-COVID
- Additional investment in operational readiness to minimise commissioning and operational risks
 - Commissioning labour
 - Plant modifications

The Mt Holland project has followed a multi-pronged approach to ensure that industry best practice design and operability strategies are included in the concentrator design.

MT HOLLAND CONCENTRATOR: PROCESS DESIGN







Designed to produce tier are battery-grade lithium hydroxide.

KWINANA REFINERY: PROCESS DESIGN



SPODUMENE CONCENTRATE FROM MT HOLLAND

Kwinana Refinery

Battery Grade Lithium Hydroxide



Calcination & Acid Roast

Spodumene concentrate heated and acidified to dissolve lithium

Leaching

Water added to leach soluble lithium from spodumene concentrate

Purification

Purification through physical and chemical processes

Causticisation & Crystallisation

Lithium sulphate solution is causticised to lithium hydroxide using caustic soda.

Lithium hydroxide is in turn crystallised to produce final product.

Lithium Hydroxide

Each shareholder to sell its share of production to customers worldwide for use in batteries in electric vehicles





De-lithiated spodumene returned to Mt Holland or to an approved reuse option







Project economics

Spodumene concentrate economics

- Focus on maximising production prior to the commissioning of the refinery
- R&D underway to maximise resource recovery and reduce the cost of production
- Operating costs over the life of the project impacted by:
 - WA labour costs
 - Reagent usage and cost
 - Utilities costs
 - Spares and consumables
- Additional cost of sales from WA government royalties of 5% on the spodumene concentrate price¹

Lithium hydroxide economics

- Focus on minimising the time to achieve nameplate quality production
- Commercialisation options for co-product sales well advanced
- Operating costs over the life of the project impacted by:
 - Reagent costs, most notably sodium hydroxide and sulfuric acid
 - Utilities costs
 - WA labour costs



covalent

Calculated at an ad valorem rate of 5% on the mine gate spodumene concentrate price.
 WesCEF | 2023 Investor Briefing | 72

Summary



- Mt Holland mine and concentrator:
 - A globally significant hard rock lithium deposit: high grade with a c.50-year mine life at 380ktpa concentrator capacity or c.25-year mine life if expanded to 760ktpa concentrator capacity
 - The concentrator is based on well-understood mineral processing technology, with a flowsheet developed following extensive test work
- Kwinana refinery:
 - The refinery has been designed to produce high-quality battery-grade lithium hydroxide with the flexibility to adjust to the evolving needs of the market
 - The design has been developed from extensive test work and with SQM's process knowledge
- Covalent is using both joint venture partners' unique and complementary skills extensively while building a standalone team with extensive mining and processing experience



Lithium growth opportunities

Expansion of the Mt Holland mine and concentrator

- Covalent is undertaking a feasibility study to evaluate doubling the production capacity of the mine and concentrator
 - Capitalise on forecast market demand and accelerate free cash flows
 - Primary crushers and most non-process infrastructure already sized for possible expansion
 - FID subject to the outcome of the feasibility study and approval timelines

Expansion of the Kwinana refinery

 Following commissioning of the refinery, examine the opportunity to double lithium hydroxide production capacity using spodumene concentrate feedstock from the expanded concentrator

Exploration opportunities

- Continue to evaluate Mt Holland tenements for additional resources
- Progress critical minerals exploration outside of Mt Holland



Lithium sales strategy

Spodumene concentrate

- Strong interest from tier one customers seeking to secure spodumene concentrate volumes
- First earnings from sale of spodumene concentrate expected in 1HCY24, with WesCEF's share of sales volume expected to be approximately 50kt in 1HCY24
- Concentrator expected to reach nameplate capacity in 2HCY24, with total spodumene concentrate sales subject to refinery commissioning timing and stockpile requirements
- Spodumene pricing model likely to reflect a lithium hydroxide market index with various adjustments

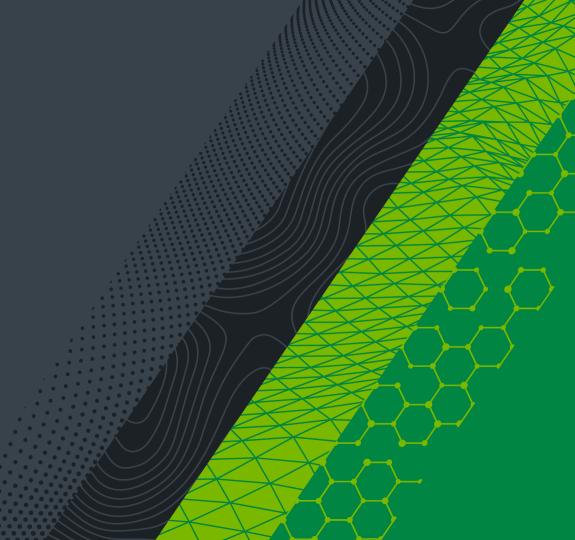
Lithium hydroxide

- Multi-year contractual arrangements with customers
- Discussions progressing with key counterparties with strong interest from battery producers and OEMs
- Increasing adoption of market-linked pricing using a variety of indices and pricing mechanisms
- Expect to retain some capacity uncontracted for spot sales



Questions?







- Continue to provide high-quality and reliable supply of products and services to our customers
- Progress timely opportunities to leverage existing infrastructure and assets to expand production capacity with a disciplined returns focus
- Optimise business processes by investing in divisional technology platforms and systems
- Continued core focus on occupational health and process safety
- Drive divisional decarbonisation strategy and evaluate medium and long-term abatement and low carbon growth opportunities
- Fostering a work environment that supports diversity and inclusivity with a focus on our customers and developing our technically skilled workforce
- Retain a sizeable business development and exploration team that evaluates greenfield opportunities and M&A activity in adjacent sectors to our existing operations



Glossary of terms

Acronym	Term/Definition
ASU	Air separation unit
AN	Ammonium nitrate
AN1, AN2, AN3	CSBP Ammonium nitrate plants 1, 2 and 3
AV	Australian Vinyls
BESS	Battery energy storage system
BEV	Battery electric vehicle
CAGR	Compound annual growth rate
CCU	Carbon capture and utilisation
CO ₂	Carbon dioxide
EBT	Earnings before tax
EGAN	Explosives grade ammonium nitrate
EPA	Environmental Protection Authority
ERP	Enterprise resource planning
ESG	Environmental, social and governance
EV	Electric vehicle
FID	Final investment decision
HSEQ	Health, safety, environment and quality
JV	Joint venture
kt	Kilo tonnes
tCO ₂ e	Tonnes of carbon dioxide equivalent

Acronym	Term/Definition
ktpa	Kilo tonnes per annum
LCE	Lithium carbonate equivalent
Li ₂ O	Lithium oxide
LNG	Liquefied natural gas
LPG	Liquefied petroleum gas
Mt	Mega tonnes
N_2O	Nitrous oxide
NPK	Nitrogen, phosphorus and potassium
NAAN	Nitric acid ammonium nitrate
NG	Natural gas
OEM	Original equipment manufacturer
ROC	Return on capital
PVC	Polyvinyl chloride
SWIS	South West Interconnected System
TJ	Terajoule
tpd	Tonnes per day
TRIFR	Total recordable injury frequency rate
UAN	Urea ammonium nitrate
WesCEF	Wesfarmers Chemicals, Energy and Fertilisers
WIS	Wesfarmers Industrial and Safety