Lithium and other valuable metals mining from non-conventional sources
Customary Note Regarding Forward-Looking Statements

SQM (NYSE: SQM, Santiago Stock Exchange: SQM-A, SQM-B) is a global company engaged in strategic industries for human development, such as health, food, clean energy and the technology that moves the world.

This presentation contains "forward-looking statements" within the meaning of the safe harbor provisions of the U.S. Private Securities Litigation Reform Act of 1995. Forward-looking statements can be identified by words such as "anticipate," "plan," "believe," "estimate," "expect," "strategy," "should," "will" and similar references to future periods. Examples of forward-looking statements include, among others, statements we make concerning the Company’s Sustainable Development Plan, business outlook, future economic performance, anticipated profitability, revenues, expenses, or other financial items, anticipated cost synergies and product or service line growth.

Forward-looking statements are neither historical facts nor assurances of future performance. Instead, they are estimates that reflect the best judgment of SQM management based on currently available information. Because forward-looking statements relate to the future, they involve a number of risks, uncertainties and other factors that are outside of our control and could cause actual results to differ materially from those stated in such statements, including our ability to successfully implement the Sustainable Development Plan. Therefore, you should not rely on any of these forward-looking statements. Readers are referred to the documents filed by SQM with the United States Securities and Exchange Commission, specifically the most recent annual report on Form 20-F, which identifies other important risk factors that could cause actual results to differ from those contained in the forward-looking statements. All forward-looking statements are based on information available to SQM on the date hereof and SQM assumes no obligation to update such statements, whether as a result of new information, future developments or otherwise, except as required by law.
About SQM
Lithium & Potash Mining
Sustainability
Final Remarks
Business Units

<table>
<thead>
<tr>
<th>Key Figures</th>
<th>Lithium and Derivatives</th>
<th>Specialty Plants Nutrition</th>
<th>Iodine and Derivatives</th>
<th>Potassium</th>
<th>Industrial Chemicals</th>
</tr>
</thead>
<tbody>
<tr>
<td>% Gross Profit</td>
<td>18%</td>
<td>34%</td>
<td>34%</td>
<td>5%</td>
<td>9%</td>
</tr>
</tbody>
</table>


NFD/Adjusted EBITDA: 1.9 | Moody’s: Baa1 | Standard and Poor’s: BBB+

¹ Volume and Revenue figures for the twelve months ended December 31, 2020. Market share as of December 31, 2020. Market share percentages have been developed by us using internal and external sources and reflect our best current estimates, which have not been confirmed by independent sources.
² Market share in the industrial potassium nitrate market as of December 31, 2020.
³ Contribution to gross profit for the twelve months ended December 31, 2020.
⁴ Adjusted EBITDA = gross profit - administrative expenses + depreciation and amortization. Adjusted EBITDA margin = Adjusted EBITDA/revenues.
NATURAL RESOURCES

- **CALICHE ORE**
  - Caliche ore is only found in Chile
  - The world’s largest deposits of nitrates and iodine
  - Proprietary mining rights pursuant to exploitation concessions

- **SALAR BRINES**
  - High concentrations of potassium and lithium.
  - High evaporation rates.
  - Production rights are pursuant to a lease agreement with CORFO until 2030.

- **PROJECTS ABROAD**
  - COVALENT Lithium (Australia).

**EXPERIENCE AND TECHNICAL KNOW HOW:**
- Over 50 years experience in Iodine and Nitrates.
- Over 20 years experience in Potassium and Lithium.
Products & Capacities

**Chile**
- **Caliche Ore**
  - Nueva Victoria
- **Salar Brines**
  - Coya Sur
  - Salar de Atacama
  - Antofagasta (Salar del Carmen)

**Australia**
- **Spodumene**
  - Mt. Holland, 50/50 JV Western Australia

**Materials and Capacities**
- I₂ 14.5k MT/year
- NaNO₃ 1.3 million MT/year
- KNO₃ 2 million MT/year
- KCL 2 million MT/year
- Li₂CO₃ 70k MT/year
- LiOH 13.5k MT/year
- LiOH

<table>
<thead>
<tr>
<th>End of 2021 Expected Capacity</th>
<th>120k MT/year</th>
<th>21.5k MT/year</th>
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</thead>
<tbody>
<tr>
<td>End of 2023 Expected Capacity</td>
<td>180k MT/year</td>
<td>30k MT/year</td>
</tr>
</tbody>
</table>

I₂ – iodine, NaNO₃ – sodium nitrate, KCL – potassium chloride, KNO₃ – potassium nitrate, Li₂CO₃ – lithium carbonate, LiOH – lithium hydroxide
Salar de Atacama Lithium & Potassium Extraction Process

~0.18% Li

Halite ponds

Sylvinitite ponds

Carnalite bischofite ponds

Lithium ponds

~6% Li

Trucks to Salar del Carmen

Concentrated & Purified LiCl Solution

Discards

Natural Sylvinite salts

Carnalite / bischofite salts

KCl Plant

Wet KCl

KCl Std

Granulating Plant

KCI Gran

Drying Plant

KCI Std

Wells extraction
SQM Antofagasta Chemical Lithium Plant

Trucks from Salar de Atacama

High boron LiCl solutions reservoir

Lithium Carbonate Plant

SX plant

Chemical plant

Lithium Carbonate

Low boron LiCl solution

Li$_2$CO$_3$

Lithium Hydroxide plant

Lithium Hydroxide

Salar del Carmen, Antofagasta, Chile
Sustainability goals & metrics: Water Footprint

- Water is a critical resource, especially in the North of Chile. SQM’s goal is to reduce freshwater consumption 50% by 2030.
- Brine is not water. Brine contains 7x more salts than seawater. Brine is harmful to humans when ingested and can irritate eyes and skin.
- The water contained in the brine can not economically be recovered as fresh water.
- ISO14040/14044 therefor does not count water contained in brine towards the lithium water footprint.
- Due to its high mineral content, brine is classified as a mining resource in Chile.
- SQM’s lithium operation in Salar de Atacama uses 22.5 liters/kg LCE (Gate to gate).
- Since 2012, SQM’s chemical plant in Antofagasta operates on recycled and purified wastewater from the city of Antofagasta.
- SQM’s Li2CO3 cradle-to-gate water footprint of 601 l/s. More than 95% of this footprint is related to energy and other raw material inputs.
- Regardless of how you define SQM’s water footprint, it is one of the lowest water footprints for lithium production in the world.

Source: LCA prepared by Pöyry (AFRY) and critically assessed by the Öko Institute

11
Sustainability goals & metrics: Carbon Footprint

**2018 Global Consumption**
- Lithium Carbonate and Lithium Hydroxide Monohydrate
- 268 KMT LCE

- LiCO3 from Spodumene 26%
- Li2CO3 from Spodumene 42%
- LiOH* H2O as LCE from brine 9%
- LiOH** H2O as LCE from Spodumene (AU+CN) 23%

**2018 Global Footprint**
- Lithium Carbonate and Lithium Hydroxide Monohydrate Consumption
- 268 KMT LCE - 2.359 MMT CO2e

- LiCO3 from Spodumene 24%
- Li2CO3 from brine 19%
- LiOH* H2O as LCE from brine 9%
- LiOH** H2O as LCE from Spodumene (AU+CN) 48%

*estimation SQM  **Cradle-to-Gate
AU / CN: Australia / China
kmt: kilo metric ton
LCE: Lithium Carbonate Equivalent

**CO2 e-emission comparison, kg CO2e / kg LCE**

- Gold
- LiOH*H2O from Spodumene (AU+CN)
- Cobalt
- LiOH**H2O as LCE from brine
- Li2CO3 from Spodumene (AU+CN)
- Primary aluminium ingot
- Nickel
- Copper
- Natural graphite anode material
- Li2CO3 from brine

- 18,000
- 18.2
- 10.8
- 9.4
- 8.1
- 7.9
- 7.6
- 5.4
- 5.3
- 4.0

Grey: Comparison materials, data from literature
Blue: Spodumene based products
Green: Brine products

LCE = Lithium Carbonate Equivalent
Li2CO3 Corresponds to 1 LCE
0.88 / LiOH*H2O corresponds to 1 LCE

AU / CN: Australia / China
*Cradle-to-Gate

Source: LCA prepared by Pöyry (AFRY) and critically assessed by the Öko Institut
Sustainability goals & metrics: Energy Footprint

**Energy consumption MJ / kg of product**

- Gold: 200,000 MJ/kg
- LiOH*H₂O from Spodumene (AU+CN): 290 MJ/kg
- LiOH*H₂O as LCE from brine: 147 MJ/kg
- Nickel: 147 MJ/kg
- Primary aluminium ingot: 138 MJ/kg
- Li₂CO₃ from Spodumene (AU+CN): 132 MJ/kg
- Graphite anode: 113 MJ/kg
- Li₂CO₃ from brine: 62 MJ/kg

For reference:
- The average electricity consumption of a German citizen is 5,040 MJ/year

Grey: Comparison materials, data from literature
Green: Spodumene based products
Blue: Brine products

LCE = Lithium Carbonate Equivalent
Li₂CO₃ Corresponds to 1 LCE
0.88 / LiOH*H₂O corresponds to 1 LCE

AU / CN: Australia / China
*Cradle-to-Gate

Source: LCA prepared by Pöyry (AFRY) and critically assessed by the Öko Institut
Sustainability goals & metrics

**Emissions Reduction:**
- Carbon neutral in lithium, potassium chloride and iodine products by 2030
- Carbon neutral in all of our products by 2040

**Brine Reduction:**
- 50% reduction by 2030

**Continental Water Reduction:**
- Company wide:
  - 65% reduction by 2040
- Salar de Atacama:
  - 50% reduction by 2030

**Capex associated with goals above:**
- ~USD 105 million related to water reduction
- ~USD 100 million related to CO₂ emission reduction
Transparency: Online monitoring portal

- Robust and extensive environmental monitoring network.
- Data reported formally every 6 months to the local environmental authorities.
- Data updated constantly (some on daily basis).
- Data collected since more than 14 years. Some monitoring points have up to 25 years of data available.

www.sqmsenlinea.com
External validation

- First Lithium company to join the Initiative for Responsible Mining Assurance.
- Initiated CDP review process.
- Sustainability Report published according to GRI standards for past 10 years. 2019 report was audited by KPMG.
- Members of the UN Global Compact, DJSI Chile and DJSI MILA Pacific Alliance indices.
- Contributor of Ecovadis and Drive Sustainable.
- Technical cooperation with Argonne National Lab to understand Lithium footprint on battery supply chain.
About SQM
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• **SQM is a global company with balanced product portfolio:**
  ➢ Extensive know how and experience managing brines from Salar de Atacama.
  ➢ Geographical diversification with lithium assets in Australia.
  ➢ Reliable supply, high quality and long-term availability.

• **SQM’s growth focused on taking care of our environment, communities and workforce.**
  ➢ Global leadership with a long-term expansion goal of +200k MT LCE.
  ➢ Commitment to be carbon neutral in lithium by 2030.
  ➢ Significant reductions in both brine extraction and freshwater consumption at Salar de Atacama.
  ➢ Fully integrated lithium producer from natural resource to chemical refining with full traceability.
THANK YOU!

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