Safe Harbor Statement under the Private Securities Litigation Reform Act of 1995: Certain statements in this news release are forward-looking statements. In some cases, you can identify these statements by forward-looking words such as “may,” “might,” “will,” “will continue to,” “will likely result,” “is on track,” “should,” “expect,” “expects,” “intends,” “plans,” “anticipates,” “believe,” “believes,” “estimates,” “predicts,” “potential,” “continue,” “could,” “forecast,” “future,” “is confident that,” “plans,” or “projects,” the negative of these terms and other comparable terminology. These forward-looking statements, which are subject to risks, uncertainties and assumptions about Livent, may include projections of Livent’s future financial performance, Livent’s anticipated growth strategies and anticipated trends in Livent’s business, including without limitation, our capital expansion plans and development of the Nemaska project. These statements are only predictions based on Livent’s current expectations and projections about future events. There are important factors that could cause Livent’s actual results, level of activity, performance or achievements to differ materially from the results, level of activity, performance or achievements expressed or implied by the forward-looking statements. Currently, one of the most significant factors is the continuing effects of the COVID-19 global pandemic. Additional factors that could cause Livent’s actual results, level of activity, performance or achievements to differ materially from the results, level of activity, performance or achievements expressed or implied by the forward-looking statements include a decline in the growth in demand for electric vehicles using high performance lithium compounds; increased supply chain disruptions in the electric vehicle manufacturing industry; volatility in the price for performance lithium compounds (as the principal driver of our higher guidance range is higher expected realized pricing); adverse global economic and weather conditions; competition; quarterly and annual fluctuations of our operating results; risks relating to Livent’s planned production expansion and related capital expenditures, including any further suspension of our expansion efforts; the potential development and adoption of battery technologies that do not rely on performance lithium compounds as an input or that require a lesser amount of performance lithium compounds; liquidity and access to credit; the conditional conversion feature of the 2025 Notes; reduced customer demand, or delays in growth of customer demand, for higher performance lithium compounds; the success of Livent’s research and development efforts; difficulty integrating future acquisitions; risks inherent in international operations and sales, including political, financial and operational risks specific to Argentina, China and other countries where Livent has active operations; the effects of war, such as the conflict in Ukraine; customer concentration and the delay or loss of, or significant reduction in orders from, large customers; failure to satisfy customer quality standards; increases in the price of energy and raw materials or broader global inflationary pressures; employee attraction and retention; union relations; cybersecurity breaches; our ability to protect our intellectual property rights; not having established proven or probable mineral reserves, as defined by the SEC; legal and regulatory proceedings; including any shareholder lawsuits; compliance with environmental, health and safety laws; changes in tax laws; risks related to ownership of our common stock, including price fluctuations and lack of dividends; ESG risks, including events outside our control that could prevent us from achieving our sustainability goals; as well as the other factors described under the caption entitled “Risk Factors” in Livent’s 2021 Form 10-K filed with the Securities and Exchange Commission on February 28, 2022 and our subsequent Forms 10-Q filed with the Securities and Exchange Commission. Although Livent believes the expectations reflected in the forward-looking statements are reasonable, Livent cannot guarantee future results, level of activity, performance or achievements. Moreover, neither Livent nor any other person assumes responsibility for the accuracy and completeness of any of these forward-looking statements. Livent is under no duty to update any of these forward-looking statements after the date of this news release to conform its prior statements to actual results or revised expectations.

Non-GAAP Financial Terms

In these slides, Livent uses the financial measure Adjusted EBITDA. This term is not calculated in accordance with generally accepted accounting principles (GAAP). Definitions, as well as a reconciliation to the most directly comparable financial measure calculated and presented in accordance with GAAP, are provided on our website ir.livent.com.
OUR MISSION

WE HARNESS LITHIUM TECHNOLOGY TO POWER LIVES FOR A CLEANER, HEALTHIER AND MORE SUSTAINABLE WORLD

OUR CORE VALUES

- Safety First
- Thrive with Customers
- Be Responsible
- Celebrate Differences
- Constantly Innovate
Company Snapshot

Livent has been an independent publicly traded company since its IPO on October 11, 2018

**Low Cost**
Cost leadership in Lithium Carbonate, Lithium Hydroxide and Lithium Chloride

**$420M Revenue**
Full Year 2021

**40% Adj. EBITDA Margin**
Full Year 2022E (mid point of guidance range)

**Global Footprint**
encompassing 7 manufacturing and sourcing sites across 4 continents supported by ~1,100 employees

---

### Revenue by Product

- Lithium Carbonate & Lithium Chloride: 17%
- Butyllithium: 25%
- Lithium Hydroxide: 49%
- Other Specialty: 9%

### Revenue by Application

- Energy Storage (incl. EV): 57%
- Polymers: 20%
- Synthesis: 7%
- Greases: 5%
- Other 11%

### Revenue by Geography

- North America: 15%
- EMEA: 15%
- Asia: 70%

---

1. Adjusted EBITDA margin is a non-GAAP financial measure. For a reconciliation of Adjusted EBITDA to the most directly comparable GAAP financial measure, net income, refer to the Livent investor relations website.
2. Percentages based on total 2021 Revenue of $420 million.
3. Livent Management estimates.
4. Energy Storage includes electric transportation, portable electronics, stationary storage and other applications.

Battery-grade Lithium Hydroxide and Lithium Carbonate revenue in Energy Storage applications expected to increase over time

Focus on long-term balanced global exposure
Rich Heritage of Innovation, Deep Expertise

1940

1942: Lithium Corporation of America formed in Minnesota; Started Lithium Hydroxide Production

1950

1954: Opened Bessemer City, North Carolina Production facility

1970

1970s: Specialty inorganic compounds production commenced in North Carolina

1980

1985: FMC acquired Lithium Corporation of America

1990

1995-1996: Opened sites in Argentina

2000

2000:Filed first patent for SLMP® technology in battery application

2010

2017: Commenced Lithium Hydroxide production in Rugao, Jiangsu, China

2018-2019:

2018: Held IPO on the NYSE and formed Livent in Oct-2018

2019: Filed first Printable Lithium Technology patent

2020:

2021: Launched LIOVIX™ brand for proprietary lithium metal product

2020's:

2021: Launched LIOVIX™ brand for proprietary lithium metal product

2020:

2020: Acquired 25% indirect equity ownership in the Québec based Nemaska Lithium project

1942:

1940:

1950:

1970:

1980:

1990:

2000:

2010:

2020:

1950s:

1954:

1970:

1985:

1991:

1995:

1996:

2017:

2018-2019:

2020's:

1940:

1942:

1950:

1970:

1980:

1990:

2000:

2010:

2020:

1954:

1970:

1985:

1991:

1995:

1996:

2017:

2018-2019:

2020's:
Investment Highlights

Livent is a leading vertically integrated pure-play producer of low-cost lithium, selling to leading electric vehicle OEMs and battery manufacturers worldwide.

- **Low-Cost Global Resources and Operations with a Favorable Sustainability Profile**
- **Expanding Capacity and Footprint in Multiple Geographies**
- **Partnerships with Leading Automotive OEMs and Battery Manufacturers**
- **Key Beneficiary and Enabler of the Global Growth in Electric Vehicles (EVs)**
- **Continued Investment in Developing Next Generation Engineered Lithium Products**
- **Commitment to Advancing a Cleaner, Healthier and More Sustainable Future**
Low-Cost Resources and Operations

Our Resources

- Lithium Brine
- Lithium Carbonate
- Lithium Hydride
- Lithium Chloride

Manufacturing Footprint

- Lithium Hydroxide
- Specialty Lithium Salts
- Basic Lithium Metal
- Specialty Organics
- Butyllithium
- High Purity Metals

Key Product Applications

- Li-ion batteries for electric vehicles, portable devices, stationary storage; other specialty applications
- High energy density Li-ion batteries for electric vehicles, portable devices, stationary storage; specialty lubricating greases and other applications
- Pharmaceuticals; catalysts for chemical intermediates
- Lightweight alloys; non-rechargeable lithium batteries for household, medical and military applications; next generation rechargeable batteries
- Pharmaceutical applications
- Agrochemicals; pharmaceuticals; synthetic “green” rubber applications, including tires; and other polymers for adhesives, compounding, asphalt modification and sealant applications
- Air treatment and purification applications

(1) Livent announced on May 2, 2022 an agreement to double its ownership interest to 50% in Nemaska located in Québec, Canada. The closing of the transaction is subject to customary conditions, including, among other things, the expiration of certain notice periods required by applicable law.
Livent’s Commercial Focus

**Battery Qualified**
Lithium Hydroxide and Lithium Carbonate

- Industry leading Lithium Hydroxide footprint inside and outside China; both manufacturing sites in the U.S. and China qualified by customers for energy storage applications
- Longer and more challenging qualification processes favor proven existing suppliers
- More than 20 years of production experience for energy storage and EV applications
- Partnerships with industry leaders across EV value chain, including in development of novel technologies enabling advances in cell performance
- Share of revenue in energy storage to continue increasing over time (49% in ’20 to 57% in ‘21)

**Non-Battery Lithium Hydroxide**

- Focused on high value, high performance applications, where performance and consistency are critical
- Long-standing customer relationships measured in decades

**Butyllithium**

- Capabilities to formulate products meeting specific customer requirements

**High Purity Lithium Metal**

- Niche, high value specialty applications, including U.S. military applications

**Partnerships with leading producers and OEMs including Tesla, BMW Group and LG Chem**

Electric Vehicles | Energy Storage | E-Bikes | Power Tools
--- | --- | --- | ---
Battery Qualified Lithium Hydroxide and Lithium Carbonate

High Performance Greases

- Focus on high value, high performance applications, where performance and consistency are critical
- Long-standing customer relationships measured in decades

Butyllithium

- Capabilities to formulate products meeting specific customer requirements

High Purity Lithium Metal

- Niche, high value specialty applications, including U.S. military applications
Widespread adoption of EVs remains critical for governments and auto OEMs to meet CO₂ emission reduction targets.

Global Government Support

Support maintained or increased during pandemic

- **Subsidies, tax incentives, grants and ICE vehicle bans** across EU countries
- **37.5% reduction** of EU fleet-wide average emissions for new cars by 2030; ambition to increase the reduction target to 55%
- E.C. Circular Economy Action Plan will require carbon footprint disclosure and thresholds on rechargeable batteries

- Target elimination of ICEs by 2035 with defined milestones for EV penetration by 2025 (20%) and 2030 (40%)
- **Two-year EV incentive extension** to 2022
- MIIT raised NEV credit from 12% in 2020 to 14% in 2021, 16% in 2022, 18% in 2023

- Target for **EVs to comprise 50% of all new vehicles sales in 2030**
- **$5bn over the next five years** to build out the US EV charging network, further funds to support local EV battery manufacturing

Policies will transition from subsidy to regulatory driven

Commitments from Auto OEMs

- **Commits to increase captive battery production and 100 GWh by 2022 and 3 TWh by 2030** to meet EV demand
- **Offering of 25 electrified vehicles in 2023** and 33% of new European registrations electric by 2025
- Build **22 million electric vehicles over the next decade**, almost 50% more electric cars than it targeted previously
- Mercedes plans to **offer an electric version of every model** it sells and **double BEV sales** in 2022
- 30 new global electric vehicles by 2025 and having an **all-electric line-up by 2035**
- Global investment of **$22bn in electrification** by 2025; 100% of passenger vehicles in Europe **electric by 2030**

Sources: Argus Media, BloombergNEF, Company websites, Press reports and Wall Street research.

ICE = Internal Combustion Engine.
... As The Global Consumer Pushes for Electrification

**Technology Improvement Increasing Attractiveness**

<table>
<thead>
<tr>
<th>Infrastructure¹</th>
<th>Fast Growing Global Network of EV Chargers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global Cumulative EV Connectors (millions)</td>
<td>2015: 0.69, 2020: 5.83, +745%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cost¹</th>
<th>Rapidly Decreasing Cost; ICE Parity Expected by 2023</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Battery Pack Cost (US$/kWh)</td>
<td>2010: $1,100, 2020: $137, -88%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Range²</th>
<th>Improved EV Mileage Reducing Range Anxiety</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driving Range (miles)</td>
<td>2012 Tesla Model S: 265, 2020 Tesla Model S: 402, +52%</td>
</tr>
</tbody>
</table>

**Heightened Public Awareness**

- **Highly Publicized New Segment and Model Launches**
  - SUVs / Luxury Sedans
  - Small / Mid-Sized
  - Pickups
  - Delivery Trucks / Semis

- **Corporate Sustainability Further Broadens Demand²**

- **Uber**
  - 100% of rides in EVs in US, Canadian & European cities by 2030

- **Amazon**
  - 100k electric delivery vehicle order and partnership

---

**Accelerating demand growth will result in EV sales surpassing ICEs within the next decade**

---

(1) Source: BloombergNEF.
(2) Source: Company websites.
Transition to EVs Supports Global Carbon Emission Reduction Initiatives

Annual lb of CO$_2$ Equivalent Emissions per Vehicle

BEV Results in 64% Less CO$_2$ Emissions (on Operational Basis) Relative to Internal Combustion Engine Vehicles

Decarbonizing the power sector will further improve CO$_2$ emission reduction benefits of EVs

BEV: Battery Electric Vehicle.
PHEV: Plug-in Hybrid Electric Vehicle.
HEV: Hybrid Electric Vehicle.
Strong Projected Electric Vehicle Market Growth…

Historical EV Sales and Projections\(^1\)

- **2020**: 4% CAGR
- **2025**: 23.4% CAGR
- **2030**: 45.2% CAGR

**Commentary**

- EV sales proving resilient, resulting in **record penetration levels**
- Near and longer-term EV sales estimates continue to increase
- BEV adoption expected to **grow exponentially through 2030+**
- Drivetrain electrification for commercial vehicles and two and three-wheelers expected to accelerate
- **Larger average battery pack size** and **higher share of BEVs** versus PHEVs in sales mix to drive further lithium demand

---

2. Total EV Sales as percentage of Total Passenger Vehicle Sales.
Battery Technology Evolution

Next Generation Lithium Cathode Requirements

- Increasing share of high-nickel content cathodes, which require Lithium Hydroxide, supports higher demand growth
- High-nickel content chemistries, such as NMC 811 and NCA, provide higher energy density and improve EV performance
- As nickel content approaches 60%, the higher temperature required to synthesize cathode material with Lithium Carbonate damages the crystal structure of the cathode and changes the oxidation state of the nickel metal
- Lithium Hydroxide allows rapid and complete cathode material synthesis at lower temperatures, improving battery performance and life

Source: Benchmark Mineral Intelligence (January 2022).
Lithium Hydroxide Market Dynamics

Battery-Grade Lithium Hydroxide Demand¹

('000 product metrics tons)

2,000
1,600
1,200
800
400
0

2020 2025 2030

18% CAGR
42% CAGR

Supply Outlook

- Delays to expansion projects for new and established producers and continued supply chain-related challenges

- Increasing capital intensity of expansion projects inside and outside of China

- Non-integrated convertors in China facing greater difficulty in securing available feedstock material to operate

- Lithium Hydroxide qualification for high-nickel cathode applications becoming increasingly more complex
  - Timeline for new producers can exceed 12 months for energy storage applications

- Fully integrated Lithium Hydroxide producers like Livent benefit from stability of supply and predictability of cost

Livent well positioned to take advantage of rapid growth in Lithium Hydroxide demand

### Strategic Growth Priorities

**Expand Production Capabilities**
- Increase production volumes to meet customers’ increasing volume requirements
- Expand low-cost global resources / operations and industry leading lithium processing capabilities
- Modular Lithium Hydroxide expansion to match timing and geography of customer demand needs
- Pursue additional sources of lithium (brine or rock)

**Develop Next Generation Lithium Compounds**
- Develop new lithium compounds to enable advances in battery technology
- Develop new forms of high purity lithium metal, such as LIOVIX™, that can be applied to anode materials or used as anode to increase battery energy density

**Expand Application and Process Technology**
- Test and pilot lithium extraction technologies to access new potential lithium sources and/or more efficient production
- Accelerate investment in or acquisition of new capabilities, human capital and new technologies

**Advance a Cleaner, Healthier and More Sustainable Future**
- Sustainability is integrated across our operations and underpins our efforts to responsibly manage our environmental impact
- Expansion and R&D efforts focused on developing and supporting “green” technologies, processes and products
Livent Expansion Opportunities

**Lithium Carbonate**
- Livent has been extracting Lithium Brine at Salar del Hombre Muerto in Argentina for more than 20 years.
- One of the lowest cost resources globally for Lithium Carbonate (current capacity ~20,000 metric tons) and Lithium Chloride (~9,000 metric tons).<sup>(1)</sup>
- Proprietary extraction process enables Livent to produce high quality, low impurity Lithium Carbonate.
- Lithium Carbonate currently serves as the feedstock for Livent’s downstream Lithium Hydroxide production.

**Lithium Hydroxide**
- Currently producing qualified battery-grade Lithium Hydroxide in both the U.S. (current capacity ~10,000 metric tons) and China (~15,000 metric tons).
- Livent’s operational flexibility and proven capabilities are valued by global customers looking to localize battery material supply chains.
- Modular expansion allows Livent to build new capacity quickly and efficiently in various locations.

**Nemaska: Fully Integrated Hydroxide Production**
- Large and competitive spodumene resource in Québec, Canada, with strong sustainability profile.
- Strategic and supportive location in Québec, Canada with ability to serve customers in N. America and Europe.
- Livent to contribute expertise to Nemaska in the development and future operation of the project.
- Livent holds a 50% ownership interest in Nemaska.<sup>(2)</sup>

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Source: Company filings and materials.

<sup>(1)</sup> Represents theoretical capacity for Lithium Carbonate and Lithium Chloride. Actual combined production of both products is lower and limited by the total capacity of lithium brine production.

<sup>(2)</sup> Livent announced on May 2, 2022 an agreement to double its ownership interest to 50% in Nemaska. The closing of the transaction is subject to customary conditions, including, among other things, the expiration of certain notice periods required by applicable law.
<table>
<thead>
<tr>
<th>Year-End Projected Capacity (ktpa) (1)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lithium Carbonate</strong></td>
</tr>
<tr>
<td>Current</td>
</tr>
<tr>
<td>Expansions</td>
</tr>
<tr>
<td><strong>Total Carbonate Capacity</strong></td>
</tr>
<tr>
<td>Less: Carbonate to Feed Hydroxide (2)</td>
</tr>
<tr>
<td>Excess Carbonate Available for Sale</td>
</tr>
<tr>
<td><strong>Lithium Hydroxide</strong></td>
</tr>
<tr>
<td>Expansions (Livent Carbonate Fed)</td>
</tr>
<tr>
<td><strong>Nemaska</strong> (3)</td>
</tr>
<tr>
<td><strong>Recycling Plant</strong> (4)</td>
</tr>
<tr>
<td><strong>Total Hydroxide Capacity</strong></td>
</tr>
</tbody>
</table>

**Multiple highly attractive opportunities for Livent to grow significantly**

Note: capacity shown in product metric tons; excludes lithium chloride and other product capacities.

(1) Numbers do not represent projected annual production; projected year-end capacity only.
(2) 1 product metric ton of hydroxide is equivalent to 0.88 metric tons of carbonate (Lithium Carbonate Equivalent or LCEs).
(3) Shown on a 100% basis; fully integrated spodumene to hydroxide asset and therefore does not impact carbonate capacity balance; commercial strategy to be determined by Nemaska and its shareholders.
(4) Assumptions plant is fed using third-party recycled material and therefore does not impact carbonate capacity balance.
First Expansion

**Status:** Ongoing

**Location:** Argentina

**Capacity:** 20,000 metric tons (*two equal phases*)

**Commercial Production:**
- Phase A: Q1 2023; Phase B: Q4 2023

**Capital Spending:** ~$450 million in 22/23

**Flow Sheet:** Existing DLE-based process
- Limited technology or start-up risks as replication of existing processes
- Progressing against targeted timelines

---

Second Expansion

**Status:** Engineering

**Location:** Argentina

**Capacity:** 30,000 metric tons (*10kt higher than previously announced*)

**Commercial Production:** End of 2025

**Capital Spending:** $500-$700 million

**Flow Sheet:** Existing DLE-based process
- Lower capital requirements than First Expansion (camps, water pipeline, etc. already built)
- Will leverage equipment from First Expansion that can be applied across our entire Argentina operations
  - Mechanical evaporation, zero liquid discharge, closed loop recovery
  - Frees up existing concentration ponds

---

Third Expansion

**Status:** Evaluating

**Location:** Argentina

**Capacity:** Up to 30,000 metric tons

**Commercial Production:** 2028 / 2029

**Capital Spending:** TBD

**Flow Sheet:** Conventional pond evaporation-based process
- Requires significantly less investment in infrastructure (water, energy, etc.)
- Potential to leverage existing Livent facilities
- Likely much lower capital intensity versus Livent DLE-based expansions

---

Carbonate expansion (*Fénix; Catamarca, Argentina*)

DLE = Direct Lithium Extraction.

Note: Capital spending amounts shown in USD; capacity shown in product metric tons.
Lithium Hydroxide Expansions

1b New U.S. Hydroxide Plant

- **Status**: Ongoing
- **Location**: Bessemer City, North Carolina
- **Capacity**: 5,000 metric tons
- **Commercial Production**: Q3 / Q4 2022
- **Capital Spending**: <$30 million remains
- **Feedstock**: Livent Carbonate
  - Limited technology or start-up risks as replication of existing processes on producing site
  - Customer qualification will begin shortly

1b New China Hydroxide Plant

- **Status**: Engineering
- **Location**: China
- **Capacity**: 15,000 metric tons
- **Commercial Production**: End of 2023
- **Capital Spending**: ~$25 million
- **Feedstock**: Livent Carbonate
  - Proven track-record of successful hydroxide capacity expansion in China
  - Will diversify operational footprint in China
  - Allows Livent to serve growing customer demand in the region

3 Lithium Recycling Plant

- **Status**: Evaluating
- **Location**: North America / Europe
- **Capacity**: 10,000 metric tons+
- **Commercial Production**: 2025
- **Capital Spending**: TBD
- **Feedstock**: Recycled Material
  - Designed to reprocess recycled lithium material
  - Currently evaluating multiple partnership opportunities
  - Various potential attractive funding options

Note: Capital spending amounts shown in USD; capacity shown in product metric tons.
**Spodumene Mine and Concentrator**

**Status:** Late-Stage Engineering

**Location:** Whabouchi (Québec, Canada)

**Commercial Production:** Timing and size aligned to feed downstream hydroxide plant (~250kt SC6)

**Capital Spending** (1): $250-300 million
  - >30 years Life of Mine
  - One of largest expected lithium assets in North America
  - Transportation via rail to Bécancour

---

**Hydroxide Plant**

**Status:** Late-Stage Engineering

**Location:** Bécancour (Québec, Canada)

**Capacity:** 34,000 metric tons

**Commercial Production:** Late 2025

**Capital Spending** (1): $650-750 million
  - Industrial park in development with access to rail, infrastructure and proximity to shipping port
  - Additional land available to increase future capacity

---

Note: Capital spending amounts shown in USD; capacity shown in product metric tons.

(1) Shown on a 100% basis; sources of funding to be determined by Nemaska and its shareholders.
• Livent selling higher volumes over the coming years as new capacity comes online

<table>
<thead>
<tr>
<th>(kt)</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
<th>2025</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beginning LCEs&lt;sup&gt;(1)&lt;/sup&gt;</td>
<td>23</td>
<td>23</td>
<td>29</td>
<td>39</td>
</tr>
<tr>
<td>Incremental LCEs&lt;sup&gt;(2)&lt;/sup&gt;</td>
<td>--</td>
<td>6</td>
<td>10</td>
<td>11 - 24</td>
</tr>
<tr>
<td>Total LCEs Available for Sale</td>
<td>23</td>
<td>29</td>
<td>39</td>
<td>50 - 63</td>
</tr>
</tbody>
</table>

• Generating meaningfully higher cash flow under a wide range of pricing assumptions

• Total projected capital spending from 2022 - 2024 of ~$1bn (excluding Nemaska) expected to be funded by internal cash flow over the same period

• Additional capital available from third-party debt and other attractive sources of funding (customer pre-payments, government financing, etc.)

Note: 1 product metric ton of hydroxide is equivalent to 0.88 metric tons of carbonate ((Lithium Carbonate Equivalent or LCEs)).
(1) Includes ~3kt LCEs of assumed lithium chloride-based product volumes.
(2) Excludes any production from Nemaska, where meaningful production is not expected until 2026.
LIOVIX™ Technology

LIOVIX™, or Printable Lithium Technology, describes the collective set of Livent intellectual property that allow lithium to be deposited onto a substrate in a safe, controlled, scalable manner.

Printable Lithium Formulation (PLF)
Safe to handle and presents lithium in a form amenable to scalable manufacturing.

Stabilized Lithium Metal Powder (SLMP®)
Source of lithium and active ingredient.

Solvents and Rheology Modifiers
Know-how to make a consistent, flowable, printable formulation despite lithium’s unique physical properties.

Printing Equipment
Equipment that delivers PLF onto a substrate (e.g., an anode or current collector).

Improvement to Battery Performance

Safe and Controlled Delivery of Lithium Metal

Scalable Manufacturing Process for Customers

Proprietary technology uniquely positioned to enable next generation battery production through pre-lithiation and lithium metal anodes.

Source: Company materials.
Delivering ESG Results
As an enabler of electrification, decarbonization and the fight against climate change, sustainability is central to our mission and reflected in our core values.

Sustainability underpins our efforts to minimize our impact on the environment and advance social responsibility in our communities, our workforce, the markets we serve and in our supply chain.

Sustainability is fully integrated across our business and a key consideration in our decision-making processes.

We carefully track and report metrics across all material ESG areas.

We are an active member in the communities in which we live and operate.

We support and partner with our communities through a range of service activities, outreach, investments and charitable contributions.
Responsible Lithium Extraction & Production

- Uses a proprietary Direct Lithium Extraction (DLE) technology that speeds up conversion and reduces land footprint
- Current operations use fresh water from the Trapiche aquifer to produce Lithium Carbonate from brine extracted from the Salar del Hombre Muerto
- First Lithium Carbonate expansion will use a secondary water source, the Los Patos river, enabling us to relax our fresh water use from the Trapiche aquifer
- Second Lithium Carbonate expansion project will not require any additional fresh water and will leverage water re-use / re-cycling process technologies, eliminating the need for evaporation ponds and reducing our overall fresh water intensity
- Work with a leading third-party geology firm to model the fresh water aquifer and the Salar
- Uses an ISO 14001 certified Environmental Management System to manage and record parameters such as water flows, chemical transport and salinity
- Regularly conduct Salar ecosystem studies with third-party specialists to monitor the variety and abundance of local plant and animal species, watershed properties and limnology
- Began third-party assessment using the Responsible Mining Standard of the Initiative for Responsible Mining Assurance (IRMA), becoming a full member of IRMA
- Contributing to BMW Group and BASF commissioned study on sustainable water use, in collaboration with leading U.S. universities
# New Sustainability Goals

Announced after achieving nearly all prior sustainability targets five years ahead of schedule; established 2019 as new baseline year

## Environmental Impact

<table>
<thead>
<tr>
<th>2022</th>
<th>2030</th>
<th>2040</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allocate majority of Research &amp; Development spending to <strong>develop or support green technologies, processes and products</strong></td>
<td>Reduce GHG intensity by 30% across Livent operations</td>
<td>Achieve and pursue full carbon neutrality, with significant carbon intensity reductions across operations much sooner</td>
</tr>
<tr>
<td>Formalize involvement in industry initiatives to <strong>advance zero emission transportation and lithium battery recycling</strong></td>
<td>Transition 30% of the company’s energy mix to <strong>renewable</strong> sources with path to 100%</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Reduce water intensity by 10% to 30% across Livent operations</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Reduce waste intensity by 30% across Livent operations</td>
<td></td>
</tr>
</tbody>
</table>

## Social Responsibility

- **Demonstrate** and gain measurable support of Livent’s local communities
- Maintain **Total Recordable Incident Rate (TRIR) < 0.1**
- Attain **supplier compliance** with Livent’s Supplier Code of Conduct and responsible labor practices
- Focus on **2030 UN Sustainable Development Goals**
- Foster an **inclusive and positive work environment**
- Continue efforts to achieve talent **diversity** that reflects the geographies where Livent operates

## Transparency

- Participate in initiatives to advance responsible mining & manufacturing, including the **Initiative for Responsible Mining Assurance (IRMA)** and academic research studies
- Publish **annual sustainability reports** which follows leading reporting frameworks (GRI, SASB, TCFD, etc.)
- Maintain and expand **global certifications** for leading ISO management systems
- Engage with **third-parties** for assurance of **sustainability data** and data collection methodology
- Complete ISO-compliant **Life Cycle Assessments**
### Social Priorities

<table>
<thead>
<tr>
<th>SAFETY</th>
<th>COVID-19 RESPONSE</th>
<th>COMMUNITY INVESTMENT</th>
<th>RESPONSIBLE SOURCING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety is a <strong>core value</strong> and our <strong>highest priority</strong>.</td>
<td><strong>Continued operations</strong> to provide essential products to many critical industries</td>
<td>In partnership with the Province of Catamarca, Argentina, we established the “Water Trust”</td>
<td>Committed to the protection and advancement of human rights</td>
</tr>
<tr>
<td>All our plants are <strong>certified for ISO 14001</strong> (Environment), <strong>ISO 45001</strong> (Occupational Health &amp; Safety) and <strong>ISO 9001</strong> (Quality)</td>
<td>Created an internal <strong>Global Pandemic Response Team</strong> to quickly implement safety measures worldwide and develop and stress test multiple business scenarios</td>
<td>Contributed <strong>&gt;$6 million to fund infrastructure projects</strong> for the benefit of the community in Province of Catamarca, Argentina</td>
<td>Participant in the <strong>UN Global Compact</strong></td>
</tr>
<tr>
<td>Many of our products are <strong>European Union REACH compliant</strong></td>
<td>Provided COVID-19 related relief to the surrounding communities in Argentina and our other locations, including <strong>vaccination clinics</strong>, <strong>PPE</strong> and support for medical services and transport</td>
<td><strong>Livent is actively supporting the Catamarcan community directly through local employment and investments and indirectly through training programs, scholarships and nutritional programs</strong></td>
<td><strong>Supplier Selection and Monitoring</strong> involving the screening and tracking of contractors and raw material suppliers for their adherence to quality, safety, human rights standards and sustainability, consistent with Livent’s <strong>Supplier Code of Conduct</strong> and <strong>Supplier Sustainability Policy</strong></td>
</tr>
</tbody>
</table>

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*Images and figures related to the content are not transcribed.*