

POWERING PROGRESS

2020 SUSTAINABILITY REPORT

CONTENTS

03	From Our CEO	30	Social Responsibility
05	About Livent	42	Corporate Governance
15	Our Sustainability Program	44	ESG Performance Metrics
20	New Goals	50	Disclosure References
23	Environment	61	Independent Auditors' Assurance Letter



Disclaimers

Throughout this report, materiality refers to the list of sustainability topics about which Livent communicates because they are material for our stakeholders in this context. It should not be confused with materiality for financial reporting or regulatory purposes.

Forward-looking Statements: This report contains certain statements that relate to future events and expectations and, as such, constitute forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements include those containing such words as “may,” “might,” “will,” “will continue to,” “will likely result,” “should,” “expect,” “expects,” “intends,” “plans,” “anticipates,” “believe,” “believes,” “estimates,” “predicts,” “potential,” “continue,” “could,” “forecast,” “is confident that,” “plans,” or “projects,” the negative of these terms and other comparable terminology. All statements that reflect Livent’s expectations, assumptions or projections about the future, other than statements of historical fact, are forward-looking statements. Forward-looking statements by Livent are not guarantees of future performance and are subject to known and unknown risks, uncertainties and changes in circumstances that are difficult to predict. Although Livent believes that expectations reflected in any forward-looking statements are based on reasonable assumptions, it can give no assurance that these expectations will be attained, and it is possible that actual results may differ materially from those indicated by these forward-looking statements due to a variety of risks and uncertainties. For a discussion of some of the specific factors that may cause Livent’s actual results to differ materially from those projected in any forward-looking statements, see the risk factors described in our most recent Annual Report on Form 10-K for the fiscal year ended December 31, 2020, and other SEC reports. Livent disclaims any obligation to update publicly any forward-looking statements, whether in response to new information, future events or otherwise, except as required by applicable law.

Some of the photos contained in this report were taken prior to the onset of COVID-19 and do not represent Livent protocols for social distancing and masks.

References to various GRI, SASB, TCFD and UNSDG disclosures are included throughout the report, in gray text, and summarized in the Disclosure References section.

MESSAGE FROM OUR CEO



Fénix, Argentina.

GRI 102-14, GRI 102-46, TCFD: Strategy

At Livent, we take great pride in our rich heritage of innovation and deep expertise in lithium technologies, built over nearly 80 years of partnering with our customers to achieve many of the breakthroughs and industry advancements that have helped shape modern life. Our culture today reflects both the pioneering roots of the company and our ongoing focus on safe, responsible and sustainable operations.

At the heart of our culture is an even deeper commitment to continuous improvement and powering progress, not just at Livent but for society at large.

Powering Progress is the theme of our 2020 Sustainability Report. The report describes our sustainability efforts in 2020 and the progress we made across environmental, social and governance priority areas. Of course, 2020 was no ordinary year. Our accomplishments were set against the backdrop of the global COVID-19 pandemic. The pandemic compounded the challenges of an already difficult business environment for the lithium industry. Despite that, Livent rose to the occasion. We worked tirelessly to take the necessary precautions to protect the health, safety and well-being of our employees and their loved ones.

I could not be prouder of how our people stepped up and adapted their routines and practices, both personally and professionally. And we never lost focus on operating safely and continuing to meet the needs of our customers. In fact, many of our lithium products went into essential applications during the pandemic—from life-saving pharmaceutical ingredients and industrial disinfectants to components used in ventilators, nebulizers and other vital medical devices.

The pandemic was also an opportunity for Livent to further engage with and support our communities. From donating Personal Protective Equipment (PPE) in the UK and India to hosting a COVID-19 community vaccine clinic in the USA, to providing medical personnel, ambulance services and essential air transport in Argentina, we are grateful to have been in a position to help our neighbors.

If you have been following our journey as a company, you know that soon after Livent became fully independent in March 2019, we set a new direction for our sustainability program. This new direction better reflected the centrality of sustainability to our mission as a lithium company and our role as an enabler of the transition to green energy and the fight against climate change.

“AT THE HEART OF OUR CULTURE IS AN EVEN DEEPER COMMITMENT TO CONTINUOUS IMPROVEMENT AND POWERING PROGRESS, NOT JUST AT LIVENT BUT FOR SOCIETY AT LARGE.”

“WE KNOW THAT OUR CUSTOMERS AND OTHER STAKEHOLDERS ARE AT THE FOREFRONT OF DRIVING AMBITIOUS SUSTAINABILITY GOALS AND COMMITMENTS, AND WE INTEND TO FULLY ALIGN WITH THESE OBJECTIVES TO HELP MOVE OUR INDUSTRY FORWARD.”

Since then, our efforts have received recognition from customers and independent industry evaluators alike, including a 2020 Gold rating for Sustainability from EcoVadis, placing us in the top 3% of companies in our industry group.

There were also many other notable achievements in 2020. Among these, we achieved zero recordable injuries worldwide and zero recordable spills / releases worldwide; we successfully completed our first Green Bond issuance; we enhanced and expanded our Community Relations program in Argentina; and, in the wake of the protests in the United States and around the world against systemic racism and social injustice, we reinvigorated our global DE&I initiatives.

We raised the bar even higher in early 2021 with the announcement of our new Sustainability Goals, set against baseline metrics we established in 2019. Our new goals were not set in isolation. They reflect the priorities of Livent’s customers, communities, investors, employees and other stakeholders based on extensive and ongoing dialogue with these groups.

Collectively, our new goals represent an ambitious and broad agenda—and they will guide Livent’s sustainability journey going forward.

You can read about our new goals at length in this report. Here are our major commitments:

- Overall carbon neutrality by 2040; a path to 100% renewable energy; an ongoing focus on sustainable water use, responsible operations and biodiversity; and, meaningful intensity reductions for water, greenhouse gas (GHG) emissions, waste disposed and energy.
- Reaffirmation of our pledge to uplift communities and advance social progress and human rights across our operations and supply chain.
- A plan to provide greater ESG transparency and verification, helping set the standard for the lithium industry.



Bessemer City, USA.

On this last point about transparency, in the second half of 2020, Livent began due diligence efforts on the multi-year certification process for our operations in Argentina under the Initiative for Responsible Mining Assurance, or IRMA. In February 2021, Livent was accepted as a pending member of IRMA and became the first company to begin an IRMA self-assessment for mining operations in Argentina. As part of our membership commitment, by March 2022, Livent will commence an independent third-party verification audit for adherence to stringent and comprehensive IRMA standards for responsible mining.

Achieving many of our goals will not be easy. We are challenging ourselves to lead efforts in the lithium industry to improve sustainability performance and transparency. At the same time, we believe Livent has the track record and credibility to pursue such a bold platform. We know that our customers and other stakeholders are at the forefront of driving ambitious sustainability goals and commitments, and we intend to fully align with these objectives to help move our industry forward.

Our success will hinge on our ability to develop innovative solutions, as we have done throughout our history, and support them with the appropriate deployment of financial investment and resources over time. We will continue to hold ourselves accountable to the highest standards of corporate citizenship as we look to take our sustainability efforts to the next level. We are excited about the role Livent can play in making the world better and powering progress for a brighter, more sustainable future.

Sincerely,

Paul Graves

President and CEO

ABOUT LIVENT



Bessemer City, USA.



Top left: R&D lab at Bessemer City, USA. Top right: Livent colleagues at Battery Japan 2020 in January, before the global pandemic declaration. Bottom: Bromborough, UK.

Company Overview

GRI 102-1, GRI 102-2, GRI 102-3, GRI 102-4, GRI 102-6, GRI 102-7, GRI 102-8, SASB: EM-EP-000.B, SASB: EM-EP-000.C

For nearly eight decades, Livent has collaborated with customers in the safe and sustainable use of lithium to power the world. We are one of only a small number of companies globally with the capability, reputation and know-how to produce high-quality finished lithium compounds to meet the growing demand for lithium. With one of the broadest product portfolios in the lithium industry, we enable growth and advancements in modern mobility, green energy and the mobile economy. We also produce specialty lithium chemicals for applications in many other essential industries, including aerospace, pharmaceuticals, polymers, agrochemicals, electronics, lubricating greases, medical devices, air and water treatment, construction, metallurgy and defense.

Livent's unique position is highlighted by the low-cost and sustainable nature of our brine-based operations; our legacy of innovation and expertise, including our multi-decade track record for successfully using and advancing Direct Lithium Extraction (DLE) process technologies; our partnerships with leading automotive original equipment manufacturers (OEMs), battery manufacturers, cathode active material producers and other suppliers to the automotive industry. Other differentiators include our continued investment in developing next-generation engineered lithium products, our diversified worldwide network of operations and our ability to offer customers flexibility between Lithium Hydroxide, Lithium Carbonate and others forms of lithium based on their needs and future plans.

Livent is a global company with manufacturing operations in the United States, United Kingdom, Argentina, China and India.

Purpose

Livent's purpose is to harness lithium technology to power people's lives for a cleaner, healthier and more sustainable world.

Core Values

GRI 102-16

- **Safety first:** We put safety at the forefront of everything we do.
- **Thrive with customers:** We listen to, learn from and work with our customers, knowing that we succeed only when our customers succeed.
- **Be responsible:** We act ethically and honestly to advance responsible and sustainable practices in all aspects of our business.
- **Celebrate differences:** We celebrate our differences in perspective, background and expertise, empowering our employees to be authentic and transparent. By encouraging employees to bring their own selves to work, we make Livent more dynamic.
- **Constantly innovate:** We help move the world forward and strive to constantly innovate through agile thinking, our industry-leading material science expertise and an intimate understanding of our core element: lithium.

History

Livent's roots date back to the 1940s, when Lithium Corporation of America was formed in Minnesota and began partnering with the United States federal government to develop applications for lithium.

In 1985, FMC Corporation (FMC) acquired Lithium Corporation of America and created FMC Lithium, and in 2017, FMC announced the decision to spin off FMC Lithium as a separate publicly-traded company.

Livent started trading on the New York Stock Exchange (NYSE: LTHM) in October 2018, and in March 2019, Livent completed its separation from FMC and became a fully independent company.

Until 1996, Livent produced lithium chemicals from lithium it mined from hard rock deposits in North Carolina, USA. The mining operations in North Carolina ceased in 1996, and since then, Livent has been extracting lithium from brine deposits at the Salar del Hombre Muerto, Argentina. In November 2020, Livent announced its participation in a consortium that acquired the business and certain assets of Nemaska Lithium Inc. ("New Nemaska") located in Québec, Canada. New Nemaska is one of the most attractive, sustainable hard rock lithium projects in the world and positioned to meet the growing demand for a reliable battery-grade supply of lithium chemicals in North America and Europe.

1940s
Partnered with U.S. government to develop markets for Lithium Carbonate and Lithium Hydroxide (ceramics, glass, air treatment, grease and military applications)

1970
Developed market for use of Butyllithium in solution Styrene Butadiene Rubber (sSBR) applications

1991
Worked with Sony to develop first Lithium-Ion Batteries

1995
Completed first application of Lithium Hydroxide in nickel-rich cathode

2007–2009
Butyllithium sites opened in India and China

OCT 2018
Held IPO on the NYSE and changed company name to Livent

NOV 2020
Announced a 25% investment stake in New Nemaska.

1944
Lithium Corporation of America formed in Minnesota
Started Lithium Hydroxide production

1954
Opened Bessemer City, North Carolina production facility

1980
Opened U.K. Butyllithium facility

1985
FMC acquired Lithium Corporation of America

1996
Opened sites in Argentina
Ceased North Carolina mining operations
Filed first patent for cathode technology

2000
Filed first patent for SLMP[®] technology in battery application

2017
Commenced Lithium Hydroxide production in Rugao, China

2019
Livent completed separation from FMC Corporation
Filed first patent for Printable Lithium Technology

Locations

GRI 102-4, SASB: EM-EP-000.B, SASB: EM-EP-000.C

Livent spans the globe with manufacturing and sourcing facilities in five countries and offices in seven countries. We extract lithium from brine deposits at the Salar del Hombre Muerto, Argentina, one of the highest purity and most reliable sources of lithium in the world. The Salar is located nearly 2.5 miles (4,200 meters) above sea level in the Andes Mountains, roughly 800 miles northwest of Buenos Aires.

We have been operating at the Salar del Hombre Muerto for over 20 years using a proprietary DLE process. Our operational history provides us with a deep understanding of the process to extract lithium compounds from brine safely and sustainably.



- Offices
- Manufacturing/Sourcing Facilities

North America
Bessemer City – North Carolina, United States

South America
Fénix – Catamarca, Argentina
Güemes – Salta, Argentina

Europe
Bromborough – England, United Kingdom

Asia
Patancheru – Telangana, India
Rugao – Jiangsu, China
Zhangjiagang – Jiangsu, China

Salar del Hombre Muerto, Argentina

Products & Markets Served

GRI 102-6

Our close partnership with customers provides us first-hand insight into our customers' objectives and future needs, which we use to drive innovation in our processes and products.

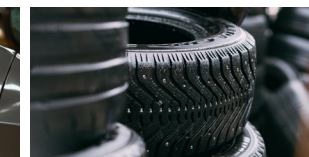
Our primary product and research areas include:

- **Lithium Hydroxide** and **Lithium Carbonate** for high-performance energy and specialty applications, including Electric Vehicles (EVs), renewable energy storage, electronic devices, power tools and lubricating greases.
- **Butyllithium** for polymers, pharmaceuticals, agrochemicals and chemicals for applications in electronics.
- **High-Purity Lithium Metal** for primary batteries and next generation rechargeable batteries, as well as lightweight Aluminum-Lithium alloys for aerospace applications.
- **Stabilized Lithium Metal Powder (SLMP[®])** and **Printable Lithium** for next generation battery systems.

The markets we serve include:



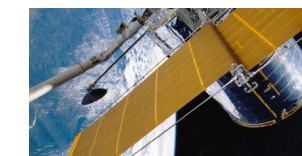
ENERGY STORAGE & BATTERY SYSTEMS



POLYMERS



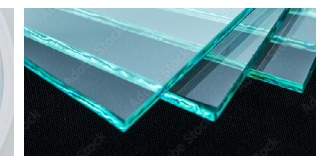
LUBRICATING GREASES



AEROSPACE



PHARMECEUTICALS & AGROCHEMICALS



OTHER INDUSTRIAL APPLICATIONS



Top: Livent's products help enable "green" living. Middle Left: High-Purity Lithium Metal ingots. Middle right: Lithium Hydroxide bags. Bottom: Butyllithium transport container and truck.

Product Impact & Climate Change

GRI 302-2, GRI 302-5, SASB: TR-AP-130a.1, SASB: RT-EE-130a.1, SASB: EM-MM-130a.1, TCFD: Metrics & Targets, Risk Management, UNSDG: 7

We believe private industry plays a critical role in curbing the impacts of climate change and providing solutions to enable a low-carbon economy. Livent's technologies and applications contribute to the efforts of our customers to revolutionize their product lines and markets. We are therefore helping change the energy landscape and addressing climate change by providing the highest quality lithium products.

We produce a range of products that help customers and consumers achieve their own sustainability goals. Common applications include:

- **Lithium Hydroxide** and **Lithium Carbonate**, which are critical to the production of energy-dense and long-lasting batteries increasingly used in EVs and across a wide range of applications.
- **High-Purity Lithium Metal** primed to power the next generation of EV batteries and advanced energy storage applications. Lithium metal also helps create lighter and stronger alloys, which serve as the structure for planes and rockets.
- **Butyllithium**, which contributes to polymer chain creation, an important input for "green" tires that promote better fuel efficiency, lighter interior materials and wide-ranging applications that benefit from better adhesive, sealing and molding properties.

These examples highlight the myriad ways in which our lithium products help increase efficiency and longevity while reducing the environmental impacts of the end product.

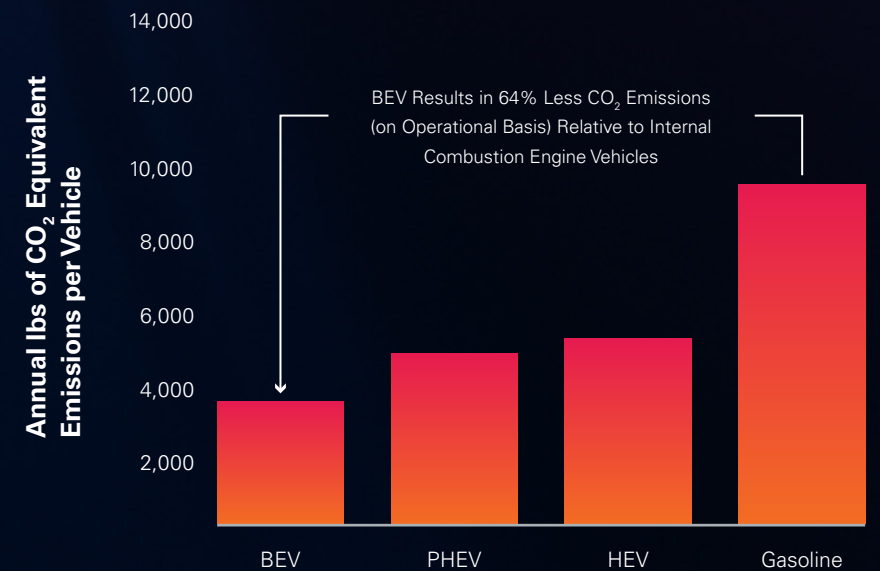
We can also quantify the direct impact of our key strategic products. For example, assuming the conservative estimate of 5.0 tonnes (or metric tons) of CO₂e avoided per EV, we believe that EV applications of Livent's Lithium Hydroxide produced in 2019, as described in [Livent's Green Bond Allocation & Impact Report](#), will result in total savings of at least 900,000 tonnes of

CO₂e over the aggregate life of the roughly 180,000 EVs that we estimate used our product. The amount of CO₂e avoided per EV will likely increase over time as electricity grids begin to rely more on renewable energy for power generation and the EV supply chain becomes even greener.

Clearly, the growth of electrification and the shift away from fossil fuels will continue play a key part in the fight against climate change.

TRANSITION TO EVs SUPPORTS GLOBAL CO₂ REDUCTION INITIATIVES

Battery Electric Vehicles (BEVs) result in 64% less CO₂ emissions (on operational basis) relative to Gasoline or Internal Combustion Engine (ICE) Vehicles.



Decarbonizing the power sector will further improve CO₂ emission reduction benefits of EVs

Source: U.S. Department of Energy 2019 annual estimates on operational vehicle emissions.

PHEV: Plug-in Hybrid Electric Vehicle

HEV: Hybrid Electric Vehicle

Innovation

Livent is a pioneer in product and process innovation in the lithium industry. We are sought out for our technical knowledge and deep processing and applications expertise. We have a rich heritage of collaborating with our customers to achieve many breakthrough innovations and industry advancements. Livent's intellectual property spans over 120 patents and patent applications.

Among Livent's "industry firsts" are:

- Partnered with Sony Corporation to develop the first ever Lithium-ion battery for commercial use (1991);
- First to apply lithium hydroxide to high nickel-rich cathodes (1995);
- First to successfully use DLE process technologies on a commercial scale (1996);
- First to develop Stabilized Lithium Metal Powder, (SLMP®) (2000's), and Printable Lithium Technology (2019) to advance lithium-ion batteries (LIB) and enable Solid-State Batteries (SSB) technologies;
- First company with operations in Argentina to begin the self-assessment for the Initiative for Responsible Mining Assurance (IRMA) certification process, and one of the first lithium companies in the world to do so (2021).

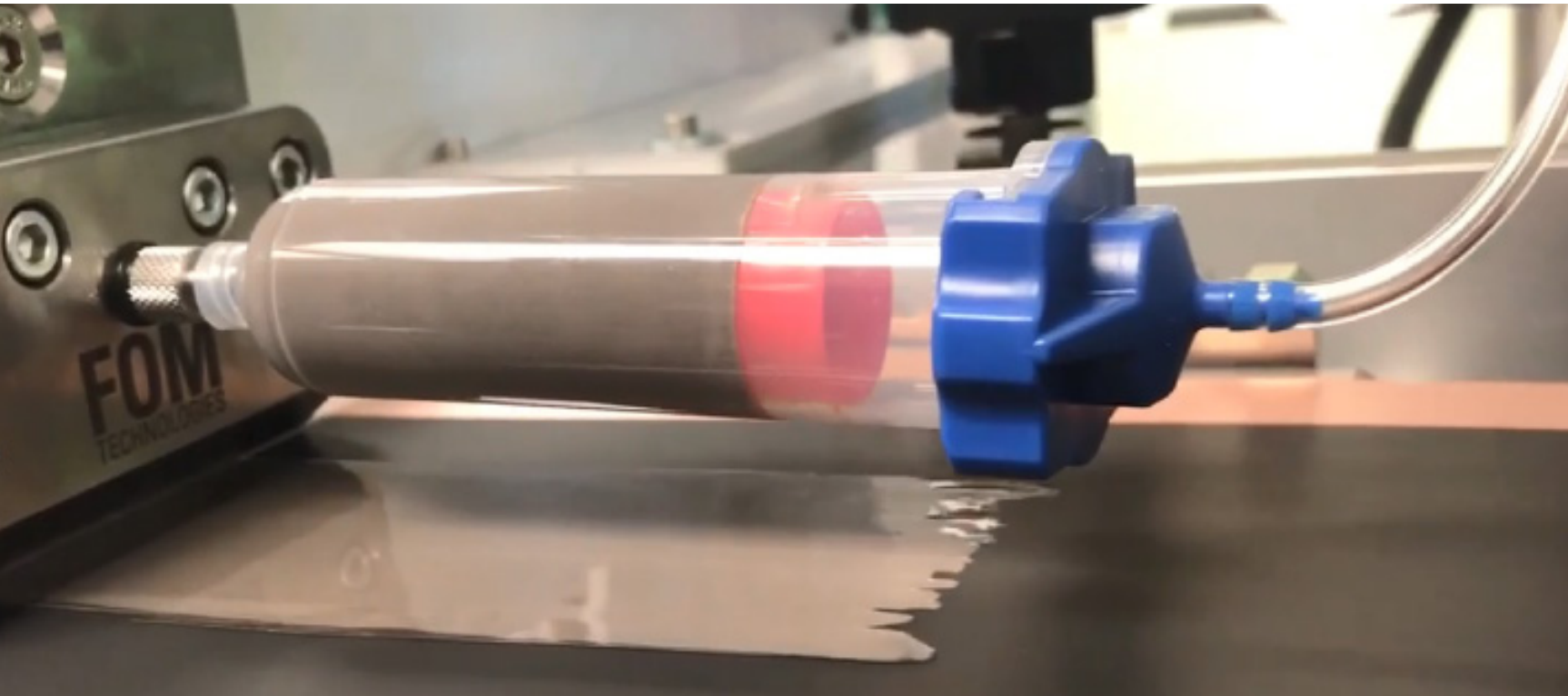
Today, Livent is a leading domain expert in lithium extraction, the manufacturing of high performance lithium compounds, the safe handling of lithium products and the application of lithium in cathodes, anodes and battery technology.

To meet growing high-tech demands of our customers and usher in the next generation of lithium solutions, Livent partners with customers to conduct joint research. Livent puts its customers first—building close relationships, understanding their needs, and producing the high-performance products and solutions that they require.

Our innovation platform brings both incremental improvements and next generation opportunities, which align with customer roadmaps. It combines our strengths in cutting-edge research and development (R&D) with our advanced engineering capabilities to progress the following:

- Safer and more sustainable products and processes
- Printable lithium as well as manufacturing and application technologies for use in next-generation anodes—for use in both LIBs and SSBs
- Lithium salts for high energy density cathodes and electrolytes
- Processes and technologies to support lithium recycling and re-use



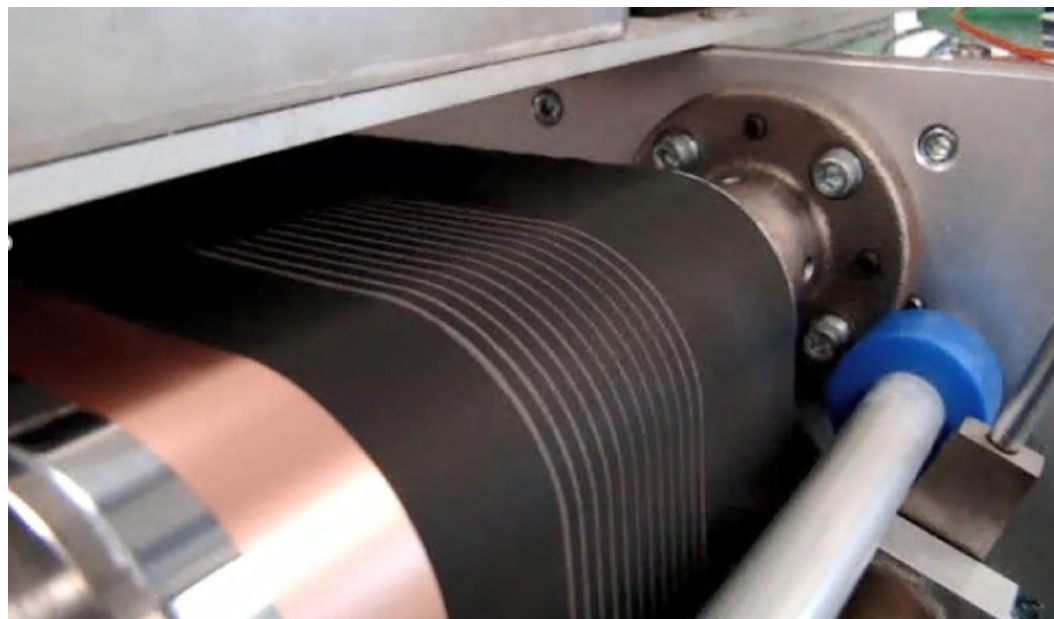
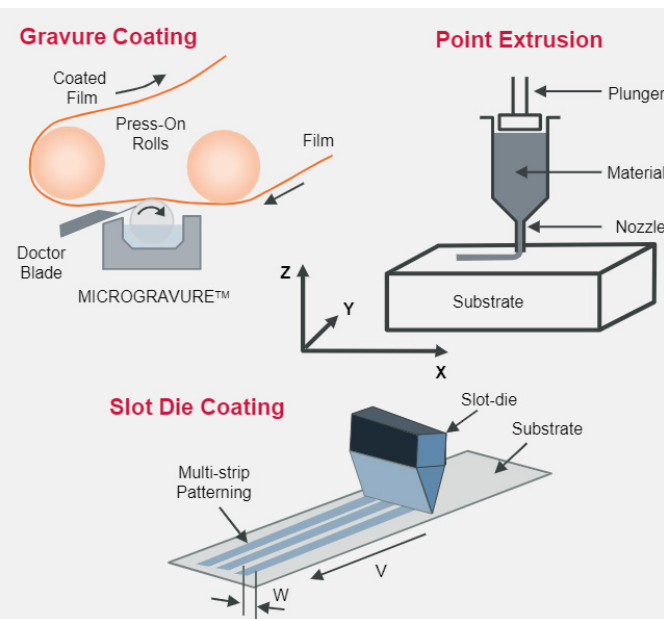


Printable Lithium Technology

Over two decades ago, Livent developed Stabilized Lithium Metal Powder (SLMP[®]), a powdery form of metallic lithium that is stable in a dry room environment. SLMP has been demonstrated to improve the energy density of lithium-ion batteries (LIB) by 10% to 50% and enable twice as many battery recharge cycles, with 80% capacity retention. SLMP also allows for new approaches that can enable Solid-State Batteries (SSB).

Today, Livent's R&D team is working with leading customers to pilot new ways to apply SLMP in the manufacturing of advanced LIB and next generation SSB batteries. Livent's new and proprietary Printable Lithium Technology (PLT) allows for application of lithium metal on a commercial scale, using many of the common methods and standard industry equipment used to produce battery cell components.

PLT is uniquely positioned to address large-scale manufacturing challenges with the use of lithium metal. For example, it allows manufacturers much greater control and precision in how much lithium they use, reducing wasted material and allowing for high process efficiency (throughput). In addition, PLT opens pathways for increased use of more accessible battery materials like silicone, manganese, and even sulfur—providing new ways to reduce the use of conflict minerals and further improve the sustainability profile of the battery cell.



LIVENT'S PRINTABLE LITHIUM TECHNOLOGY IS UNIQUELY POSITIONED TO ADDRESS LARGE-SCALE MANUFACTURING CHALLENGES WITH THE USE OF LITHIUM METAL—AND IMPROVE THE SUSTAINABILITY PROFILE OF BATTERY CELLS.

Printable Lithium application using common methods and standard industry equipment.

Customer Focus

Our customers are at the heart of everything we do. This fundamental belief is the basis of Livent's customer-centric business model. Many of our customer relationships have spanned decades, including relationships with several lithium-ion battery industry pioneers and leaders across the EV value chain over the past 20+ years, which have resulted in the development of novel technologies enabling advances in the industry.

As we have done throughout our history, we continue to prioritize building long-term customer relationships by:

- Working closely with our customers to understand and meet their unique needs, and formulating products that meet specific customers' requirements.
- Continually improving the safety, quality, reliability and sustainability of our products as well as their packaging, delivery, safe application and associated technical support services.
- Prioritizing and honoring our commitments to our long-time loyal customers, across all strategic product lines.
- Taking a solutions-based approach to collaborating with our customers, aligning our roadmaps and standards with our customer needs and their specifications; and investing in capacity and capabilities to meet with our customers' requirements.

OUR CUSTOMERS ARE AT THE HEART OF EVERYTHING WE DO. THIS FUNDAMENTAL BELIEF IS THE BASIS OF LIVENT'S CUSTOMER-CENTRIC BUSINESS MODEL.

Growth of Electric Vehicles & Electrification

Most industry experts agree that the growth in EVs is just getting started. When automotive production plants reopened after the pandemic-related shutdowns in the first half of 2020, the resiliency of EVs became increasingly clear. Supported by renewed focus and commitment from governments and leading automotive OEMs, EV sales climbed. This growth was not limited to China, which was earlier in its COVID-19 recovery, but was led by Europe, which ultimately surpassed China in total passenger and light commercial EV sales for the first time.

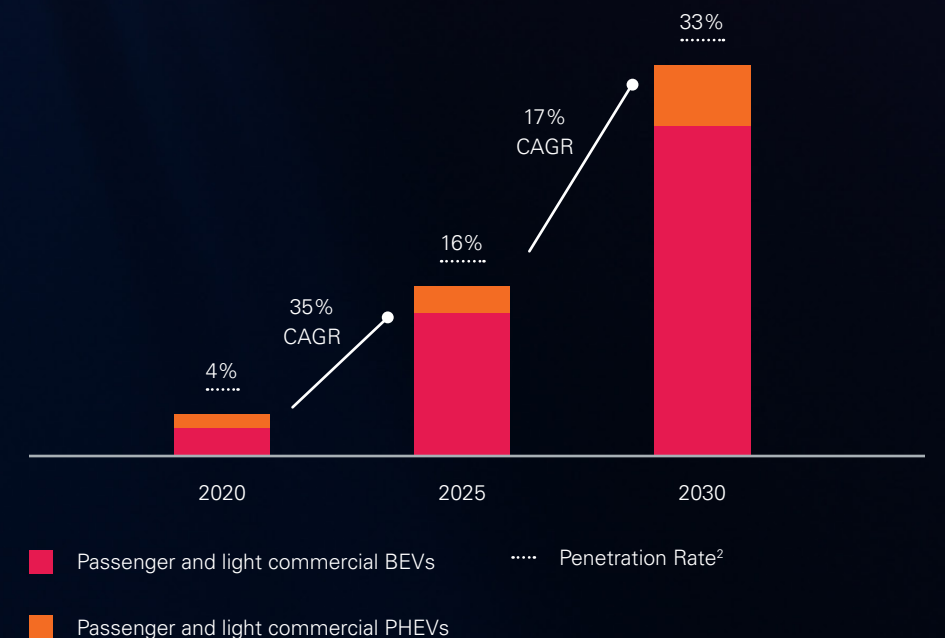
We also saw firmer commitments by major OEMs with respect to their electrification plans, despite facing significant challenges in their legacy businesses. These commitments came in many forms—from multiple announcements of large investments for repurposing of existing production facilities or building new ones; and, strategic investments and partnerships across the industry, reflecting the desire to build a portfolio of attractive EV platforms; and high profile advertising around new model launches.

We expect the key fundamentals driving the shift to EVs will continue. Consumer preferences, strong regulatory support around the world, advancements in battery technology and increased manufacturing scale will bring EVs toward cost parity with Internal Combustion Engine (ICE) vehicles in the coming years.

In addition to the rapid growth in EVs, the decarbonization of electricity generation has achieved new milestones for growth globally. Many of these green power installations, including solar and wind, rely on lithium battery-based energy storage systems. The pandemic also resulted in national and regional governments rethinking their approach to stimulating their economic recoveries in a more sustainable manner. For instance, the stimulus in Europe was targeted towards making large industries like transportation greener.

STRONG PROJECTED ELECTRIC VEHICLE MARKET GROWTH

Historical EV Sales and Projections¹



¹ Source: EV Volumes

² Total EV Sales as percentage of Total Passenger Vehicle Sales.



The Electric Vehicle/Battery Materials Supply Chain

GRI 102-9

There is little question about the sustainability advantages of EVs over their ICE counterparts on a life-of-ownership basis. Likewise, it is well established that the shift to vehicle electrification supports global carbon emissions reduction.

While the shift to electric transportation is rooted in green principles, it does not mean that lithium producers and other suppliers of battery materials are immune from sustainability requirements. Increasingly, and appropriately, there is a growing focus on the environmental and social impact of the EV and battery materials supply chains. Stakeholders are asking for greater transparency from all producers, standardization of methodologies for disclosure and data reporting and independent verification of data and disclosure methodologies.

We believe Livent's sustainability credentials are a key source of competitive advantage for us. Demonstrating how sustainability is a key consideration in our growth strategy and including how our processes balance carbon intensity and local water issues or how we can localize key steps in the supply chain without creating carbon footprint or waste material issues will reinforce how we are making real, measurable commitments to improve our performance in all areas. Our customers value this leadership in transparency and sustainability credentials. And, in the spirit of powering progress, we are challenging ourselves to lead efforts in the lithium industry to improve sustainability performance and transparency. We know that our customers are at the forefront of driving ambitious sustainability goals and commitments, and we intend to fully align with those objectives to help move our industry to those standards.

IN THE SPIRIT OF POWERING PROGRESS, WE ARE CHALLENGING OURSELVES TO LEAD EFFORTS IN THE LITHIUM INDUSTRY TO IMPROVE SUSTAINABILITY PERFORMANCE AND TRANSPARENCY.

Livent Growth Strategy

Livent is proud to serve a customer base that is on the leading edge of the low-carbon energy transition for the industries of tomorrow, from electric cars to green energy grids. We believe that growth in EVs will drive demand for performance lithium compounds. Livent is well positioned to benefit from this trend thanks to our leading position, long-standing customer relationships and favorable sustainability profile.

Our growth strategy is to focus on supplying high performance lithium compounds to the fast-growing EV and broader battery markets, while continuing to maintain our position as a leading global producer of butyllithium, high purity lithium metal and other key lithium products.

The key components of our growth strategy include:

- Expanding our production capacities
- Diversifying our sources of supply
- Expanding our applications and process technology capabilities
- Developing next generation lithium compounds
- Investing in our people
- Advancing a cleaner, healthier and more sustainable future

Expansion Plan

In March 2020, because of the significant practical constraints resulting from actions that were being taken by authorities around the world in response to the COVID-19 pandemic, Livent elected to suspend all capital expansion work globally.

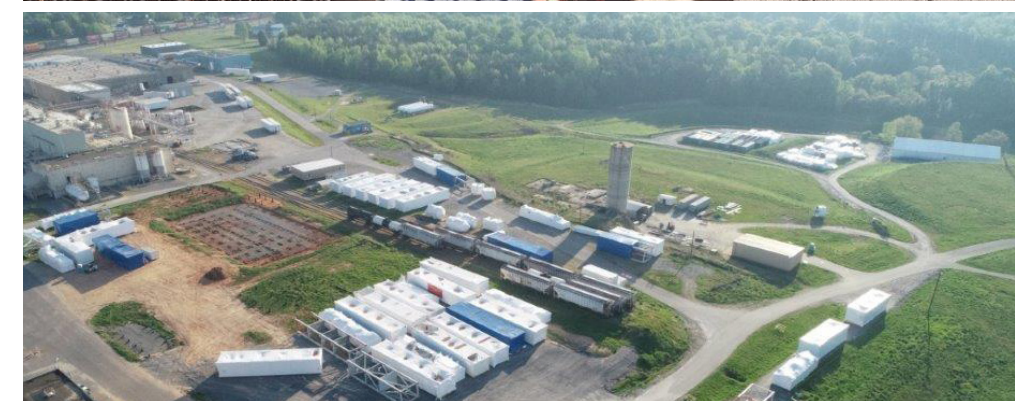
In early May 2021, backed by the execution of new long-term customer supply agreements, an improving market outlook and local government and community support, Livent announced that it had resumed its capacity expansion plans in the United States and Argentina. Livent will proceed with the completion of its 5,000 tonne hydroxide addition in Bessemer City, as well as its phase 1 carbonate expansion of 10,000 tonnes in Argentina. Livent will also commence its phase 2 carbonate expansion in Argentina for an additional 10,000 tonnes, with expected commercial production to begin by year-end 2023. Longer-term, Livent's plan remains to triple its carbonate capacity in Argentina to roughly 60,000 tonnes and to expand hydroxide capacity in multiple geographies to meet growing customer demand.

New Nemaska

We continued to pursue additional ways to diversify, grow and complement our existing lithium resources and capabilities. In November 2020, Livent announced its participation in a consortium that went on to acquire the business and certain assets of Nemaska Lithium Inc. ("New Nemaska") located in Québec, Canada. Livent currently maintains a 25% indirect equity interest in the project.

New Nemaska is one of the most attractive hard rock lithium projects in the world and positioned to meet the growing demand for a reliable high-grade supply of lithium chemicals in North America and Europe. It also has a favorable sustainability profile due to its location in North America, in proximity to the European and North American EV supply chains currently under development, and abundant access to renewable, zero-carbon hydroelectric power, among other factors.

In addition to our investment in the New Nemaska, Livent intends to play an active role in moving the project from planning and development through construction and into commercial production, so that the chemical conversion operations can be optimized for a cost, capital-effective and sustainable mine plan.



Top: Fénix, Argentina. Middle: Bessemer City, USA. Bottom: Nemaska, Québec, Canada

OUR SUSTAINABILITY PROGRAM



Salar del Hombre Muerto, Argentina.

OVERVIEW

GRI 102-13, GRI 205-1, GRI 206-1, GRI 412-2, UNSDG: 16

At Livent, we think about sustainability as responsibly and ethically meeting the societal needs of today without jeopardizing the ability of future generations to meet the needs of tomorrow or the planet's ability to preserve its environments.

Since Livent is an enabler of the transition to cleaner energy and the fight against climate change, with a key role in the EV and battery supply chain, sustainability is central to Livent's mission.

We believe that the responsibility to operate in a safe, ethical, socially conscious and sustainable manner is a fundamental obligation of our right to operate—and essential for the viability of our business.

Our core values reflect our commitment to sustainability. Sustainability is a key consideration in all of our investment and operational decisions. It underpins the management of our impact on the environment, our workforce, the markets we serve, our supply chain and the community.

To accomplish this, Livent's sustainability program has three key focus areas—Environment, Social and Governance (ESG).

At the forefront of our mission and sustainability efforts are Livent's employees, our colleagues. The company's commitment to our people includes opportunities for professional growth and career development, competitive pay and benefits and a welcoming, inclusive workplace that celebrates diversity and values fairness and equity.

WE BELIEVE THAT THE RESPONSIBILITY TO OPERATE IN A SAFE, ETHICAL, SOCIALLY CONSCIOUS AND SUSTAINABLE MANNER IS A FUNDAMENTAL OBLIGATION OF OUR RIGHT TO OPERATE—AND ESSENTIAL FOR THE VIABILITY OF OUR BUSINESS.

By cultivating a work environment where our people can succeed and grow, we support our employees' desire to give back and create positive change in their communities. We help uplift our communities around the world through a range of service activities, outreach, investments and charitable contributions.

WE SUPPORT



We also believe we have an obligation to use our policies, resources, operational practices and sphere of influence to advance social progress and human rights across our operations and supply chain. Livent is a member of the United Nations Global Compact (UNGC) and supports the Ten Principles of the UNGC on human rights, labor, environment and anti-corruption.

As part of our commitment to protecting and advancing human rights, we have a rigorous supplier selection and approval process, involving the screening of all new significant contractors and raw materials suppliers for their adherence to quality, safety, human rights standards and sustainability. Livent complies with this process through regular tracking and reporting.

Lastly, as a core component of our sustainability focus, we are determined to help set the standard in the lithium industry for sustainability performance, transparency and independent validation.



Livent's Singapore office decided to forego its annual holiday party in 2020 and instead helped the Boys' Brigade, a non-profit organization, collect food for those in need across Singapore.

Key Achievements in 2020

Soon after Livent became fully independent in March 2019, we set a new direction for our sustainability program. This new direction better reflected the centrality of sustainability to our mission as a lithium company and our role as an enabler of the transition to green energy and the fight against climate change. Since then, our efforts have received recognition from customers and independent industry evaluators alike, including a 2020 Gold rating for Sustainability from EcoVadis, placing us in the top 3% of companies in our industry group.



There were also many other notable achievements in 2020. Among these are zero recordable injuries worldwide and zero recordable spills / releases worldwide; issuing our first Green Bond; enhancing and expanding our community relations program in Argentina; and, in the wake of the protests in the United States and around the world against systemic racism and social injustice, reinvigorating our global DE&I initiatives.

We raised the bar even higher in early 2021 with the announcement of our new Sustainability Goals, set against baseline metrics established in 2019. Our new goals will guide Livent's sustainability journey going forward.

Materiality

With the help of a third-party sustainability adviser, we conducted a Materiality Assessment in mid-2019 to guide the development of a sustainability strategy unique to Livent's business risks and opportunities. Through the assessment, we systematically gathered evidence from our key internal and external stakeholders and sources to identify Livent's most salient ESG topics. The assessment results highlighted Livent's most material topics to continue to monitor and manage.

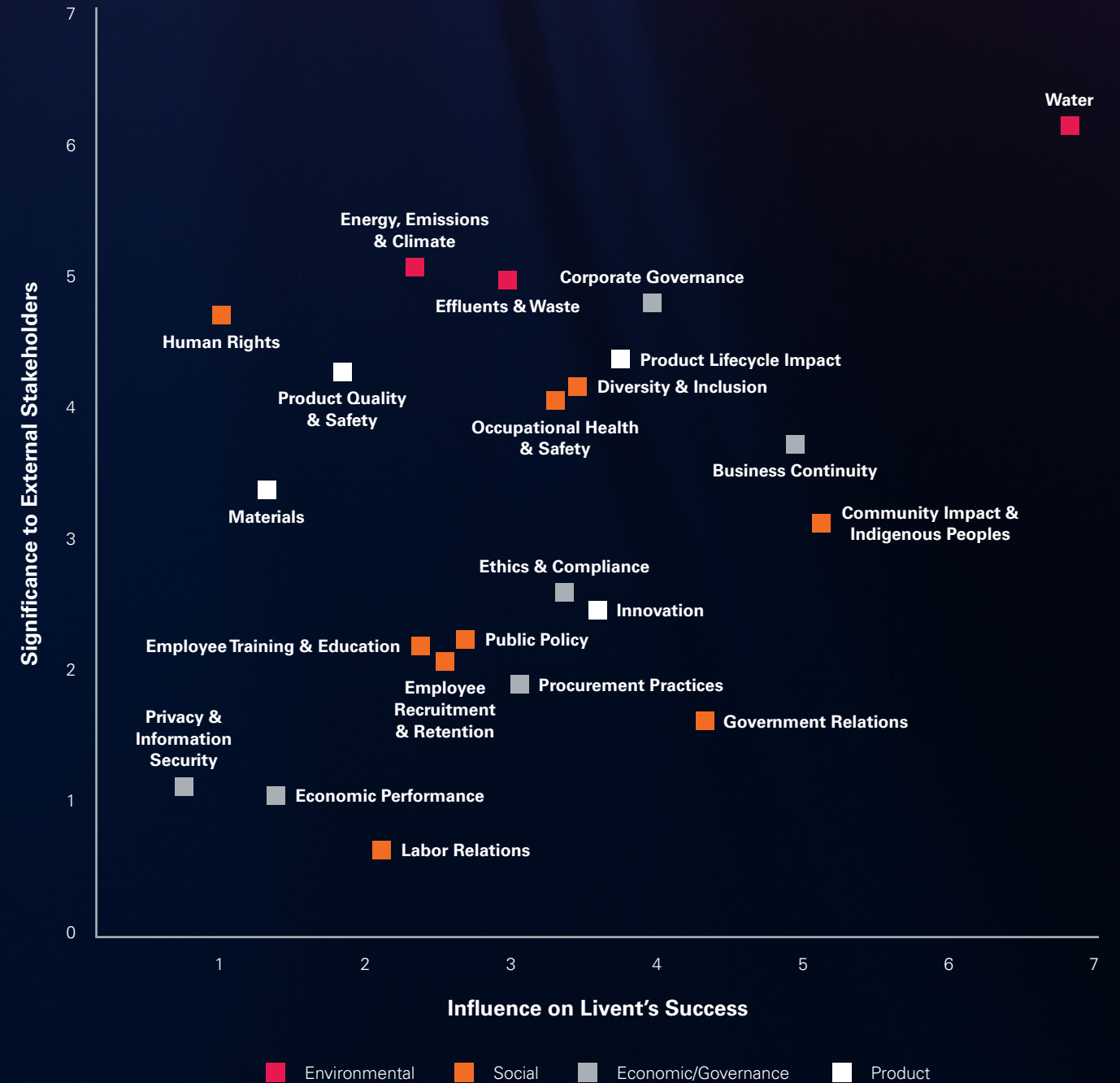
Stakeholders

GRI 102-40, GRI 102-42, GRI 102-43

Our sustainability program reflects the priorities of our stakeholders and the company's commitment to be a responsible operator everywhere we do business. Our key stakeholders include (in alphabetical order):

- Communities
- Customers
- Employees
- Governments & regulatory authorities
- Investors
- Suppliers & business

Livent's success depends on having strong relationships with our stakeholders. We frequently and transparently engage in two-way communications with all our stakeholders, remaining open to input and feedback to strengthen these critical relationships. We organized this report with our stakeholders top of mind to provide information on the topics of particular importance to each group.



Source: Livent 2019 Materiality Assessment

Sustainability Program Governance

GRI 102-18

The Sustainability Committee of Livent's Board of Directors oversees our sustainability program. The Committee meets at least three times a year with our sustainability program leaders to discuss direction, progress, risks and opportunities. The Sustainability Committee oversees both governance and performance of our environmental commitments, safety goals, corporate social responsibility (CSR) and DE&I initiatives.

Together with members of our Executive Leadership Team, Livent's Chief Communications Officer and Head of Global Public Affairs leads our global sustainability program with support and active engagement from other business leaders and teams across the company.

In 2020, our sustainability program leaders regularly briefed the Sustainability Committee and presented progress reports to the full Board on several occasions.

We are proud to embed sustainability in the governing structure of our company and look forward to continuing to strengthen these systems.

Management Systems & Frameworks

GRI 403-1, GRI 102-54, GRI 102-56

Our sustainability program is based on adherence to all applicable laws and regulations as well as leading sustainability management systems and frameworks, including ISO 45001 (occupational health & safety), ISO 14001 (environment), ISO 26000 (social), ISO 9001 (quality) and the UN Sustainable Development Goals (UN SDGs). We are also working towards IATF 16949 certification (Automotive Quality Standard) by late 2021, recognizing that sustainability and quality are closely interconnected. Many of our products are European Union REACH (Registration, Evaluation, Authorization, and Restriction of Chemicals) compliant, which is the European Union's regulation to protect human health and the environment from the safety risks of chemicals, and will also soon be UK REACH compliant following Brexit.

Our sustainability reporting and disclosures leverage the world's leading sustainability reporting framework, the Global Reporting Initiative (GRI). We have also begun the process of aligning with the requirements of the Sustainability Accounting Standards Board (SASB), as well as the Task Force for Climate-related Financial Disclosures (TCFD). One way we monitor our sustainability performance is by participating in and seeking out regular audits by accredited third parties as part of the ISO certification processes.

This year, we also engaged ERM CVS to conduct an independent review of much of our global sustainability data and our overall data collection methodology. This is in addition to the ongoing customer-led audits that we welcome and participate in.

**ALL OF OUR MANUFACTURING
SITES ARE ISO 14001, 45001
AND 9001 CERTIFIED.**



Colleagues in Patancheru, India — Celebrating National Safety Week.

Initiative for Responsible Mining Assurance (IRMA)

GRI 102-13

In the second half of 2020, Livent began due diligence on the multi-year certification process for our operations in Argentina under the Initiative for Responsible Mining Assurance, or IRMA. We also applied to become a member of IRMA.



In February 2021, IRMA granted Livent "Pending Member" status. Livent is the first company to begin an IRMA self-assessment for mining operations in Argentina and one of the first companies in the lithium industry to do so. As part of our membership commitment, by March 2022, Livent will commence an independent third-party verification audit for adherence to stringent and comprehensive IRMA standards for responsible mining.

Many of the leading automotive OEMs, including BMW Group, Mercedes Benz and Ford, have publicly announced their intention to accelerate the adoption of the IRMA standard across their supply chains.



Climate Change Risks & Opportunities

Livent is actively assessing the current and potential risks, opportunities and impacts of climate change.

The potential physical impacts of climate change on our operations are still uncertain and are specific to the geographic circumstances of the areas in which we operate. These may include changes in rainfall, storm patterns and intensities, water shortages, changing sea levels and changing temperatures. We may also face even more stringent customer and regulatory requirements to accelerate the pace of our GHG reduction initiatives. We are now taking steps to identify and analyze our operational risks more closely and develop plans to address them.

At the same time, as a key part of the EV and battery supply chain, we provide lithium products that help enable the growth of electric transportation and the shift away from fossil fuels. The growing concerns about climate change and the related increasingly stringent regulations may provide Livent with new or expanded business opportunities. In fact, the pro-decarbonization policies by major governments around the world go beyond near-term subsidies and incentives—they will fundamentally transform the way future economies are powered.

Green Bond

GRI 102-45

In June 2020, Livent issued its first Green Bond financing, which included a Livent-specific Green Bond Framework, consistent with International Capital Market Association (ICMA) Green Bond Principles, and a second party opinion. This was an important milestone for the company. It allowed us to share our story and sustainability credentials with a new and wider base of interested investors, including many ESG-focused investors. It also sent a strong message to customers about our long-term focus and dedication to sustainability.

In March 2021, Livent published a 2020 Allocation & Impact Report for the Green Bond. The report is available in the [Investor Relations](#) section of [livent.com](#), along with an Independent Accountants' Report from KPMG.

ZETA

As a demonstration of our commitment to accelerating the shift to electrification, Livent joined the Zero Emission Transportation Association (ZETA), an industry-backed coalition that advocates in the USA for 100% of vehicles sold by 2030 to be EVs.

NEW GOALS



Building on Success, Raising the Bar

We raised the bar even higher in early 2021 with the announcement of our new long-term Sustainability Goals, having successfully achieved nearly all of our previous sustainability goals five years ahead of schedule.

Our new goals were not set in isolation. They reflect the priorities of Livent's customers, communities, investors, employees and other stakeholders based on extensive and ongoing dialogue we have with all of these groups. Collectively, they represent an ambitious and broad agenda. Achieving many of them will not be easy. Nevertheless, we believe that committing to these goals is necessary and that Livent has the track record and credibility to pursue such a bold platform. Our success will hinge on our ability to develop innovative solutions, as we have done throughout our history, and support them with the appropriate deployment of financial investment and resources over time.

Our new goals will guide Livent's sustainability journey going forward and were set against 2019 baseline metrics. Our goals are outlined on the right.

Environmental Impact

- Achieve overall carbon neutrality by 2040 (Scope 1, 2 & 3).

GRI 305-1, GRI 305-2, GRI 305-3, SASB: EM-MM-110a.1, TCFD: Metrics & Targets, UNSDG: 13

- Reduce greenhouse gas (GHG) intensity by 30% across Livent operations by 2030.

GRI 305-4, GRI 305-5, SASB: EM-MM-110a.2, TCFD: Risk Management, UNSDG: 13

- Transition 30% of the company's energy mix to renewable sources by 2030, beginning the path to 100% renewable energy.

GRI 302-1, GRI 302-4, SASB: TR-AP-130a.1, SASB: RT-EE-130a.1, SASB: EM-MM-130a.1, TCFD: Metrics & Targets, UNSDG: 7

- Reduce water intensity by 10% to 30% across Livent operations by 2030, and continue to lead collaborative efforts for sustainable water use, responsible operations and biodiversity at the Salar del Hombre Muerto and the surrounding area in Argentina.

GRI 303-1, UNSDG: 14

- Reduce waste disposed intensity by 30% across Livent operations by 2030.
- Dedicate the majority of R&D spending to develop or support green technologies, processes and products, by 2022.
- Formalize involvement in industry initiatives to advance zero emission transportation and lithium battery recycling, by 2022.



Biodiversity researcher/tester taking samples at a surface stream near the Salar del Hombre Muerto, Argentina.



Livent executives and colleagues. Fénix, Argentina, in January 2020, prior to global pandemic declaration.

Social Responsibility

- Continue to focus on enhanced outcomes for uplifting and supporting Livent's local communities, as measured by community investments (both time and money), local hiring and impact assessments, including quality of relationship with Indigenous Peoples.
- Continue to improve in all key environmental health and safety (EHS) metrics, including less than 0.1 Total Recordable Incident Rate (TRIR).
- Verify and enforce supplier compliance with Livent's Supplier Code of Conduct and responsible labor practices, as measured against various KPIs for supplier selection, monitoring and performance, beginning in 2021.
- Maintain focus and progress against the 2030 UN Sustainable Development Goals as a member of the UN Global Compact
- Aspire to a level of talent diversity that reflects the geographies where Livent operates.
- Maintain compensation structures and processes that promote pay equity.
- Cultivate an inclusive and positive work environment for Livent employees.

Transparency

- Continue to publish annual sustainability reports following the requirements of leading reporting frameworks.
- Complete ISO-compliant lifecycle assessments (LCAs) for strategic products by 2025.
- Maintain and expand global certifications for the leading ISO management systems for quality, environmental health and safety (EHS), social management and energy management.

GRI 403-1

- Conduct periodic third-party assurance of Livent's sustainability data and data collection methodology, beginning in 2021.
- Participate in academic research studies on the environmental/social impact of operations at the Salar del Hombre Muerto, beginning in 2021.
- Engage with leading organizations that are independently verifying and setting the global standards for responsible mining and manufacturing, beginning in 2021.

ENVIRONMENT



Landscape near the Salar del Hombre Muerto, Argentina.

Environmental Management

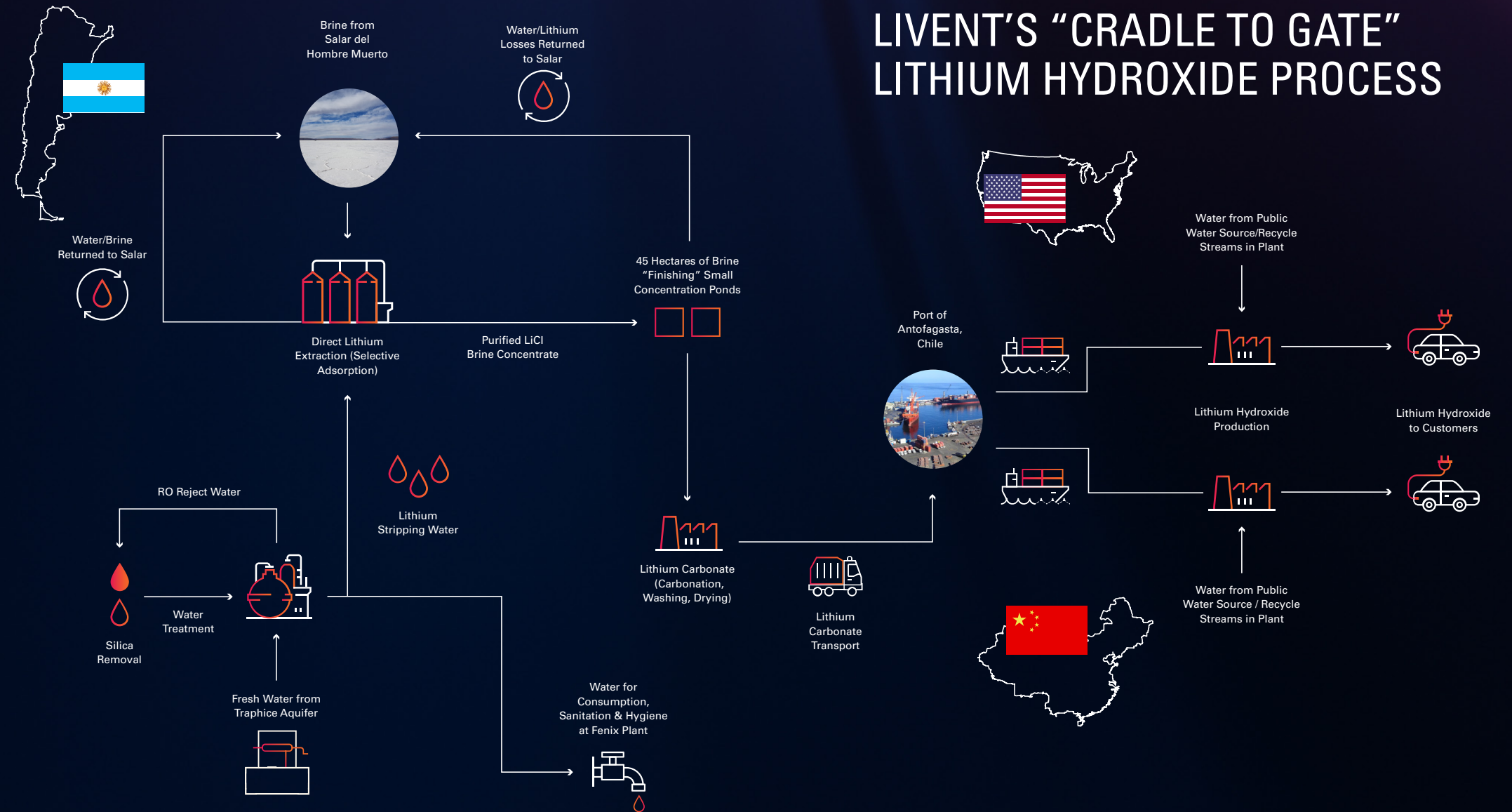
Responsible stewardship of the environment is essential to our work. We continually look for ways to improve the efficiency of our systems to conserve natural resources. We also carefully monitor our emissions and waste to protect surrounding communities and the environment. Our sustainability policies, available on livent.com, set a company-wide standard for managing the environmental impacts of our operations.

Lifecycle Assessment (LCA) of Livent's Lithium Hydroxide

In late 2019, we began a "cradle to gate" lifecycle assessment of Livent's Lithium Hydroxide product, looking at the environment impact from the point of extraction to finished product ready for delivery to customers. This project was an important first step in our journey to identify and address specific areas for improvement in the production processes of our key products.

The diagram on the right, Livent's "Cradle to Gate" Lithium Hydroxide Process, illustrates Livent's step-by-step Lithium Hydroxide production process. The process relies solely on Livent's own manufacturing and sourcing sites, vertically integrated from end to end. We also use a proprietary DLE process unique from both conventional brine-based lithium extraction processes and hard rock processes.

We extract nearly all lithium from our brine resource in Argentina, and manufacture Lithium Carbonate product in Argentina. From there, we transport much of that Lithium Carbonate to our manufacturing plants in the USA and China for conversion to Lithium Hydroxide.



CO₂e Footprint of Livent's Lithium Carbonate & Lithium Hydroxide Products

The table below provides the 2020 carbon footprint of our Lithium Carbonate and Lithium Hydroxide products, Scope 1 and 2. The data draws on the findings of our 2019 LCA study, which aligned with principles and methods described in ISO 14040 and ISO 14044, and Livent's latest internal estimates. The Livent internal estimates are also consistent with independent analysis of Livent's data by some key customers.

Please note the 2020 CO₂e data for these two products does **not** include any reductions from purchased carbon offsets applied to Livent's overall GHG figures.

The CO₂e footprint for our Lithium Hydroxide produced via the China route (i.e., Argentina to Rugao, China) is higher than that of our Lithium Hydroxide produced via our USA route (i.e., Argentina to North Carolina, USA) largely due to the profile of the electricity and steam we purchase from the municipal energy producer for the Rugao industrial chemical park.

We expect the CO₂e footprint of our Lithium Carbonate and Lithium Hydroxide products to decrease over the next several years because of various investments in renewable energy and ongoing process improvements at Livent. We also expect to benefit from regulatory and customer pressure on local energy producers to improve the profile of their energy mix.

Sustainable Water Use

GRI 303-1, UNSDG: 14

Livent recognizes how important clean water is to both people and ecosystems. We consider access to water a human right. We maintain a commitment to adhere to all regulations regarding water use and procuring the appropriate water permits to support our operations.

Responsible management of water is important at all of our facilities, but it is particularly important to our operations in Argentina. We draw lithium-rich brine from the Salar del Hombre Muerto in the Catamarca Province of Argentina, one of the highest purity and most reliable sources of lithium in the world.

Even though the Salar del Hombre Muerto is located in an arid area at high altitude, it is in a self-contained water basin fed by an expansive watershed. A large volume of fresh water, about 210 million cubic meters, comes into the basin every year through inflows from higher elevations in the Andes Mountains, and to a lesser degree, direct precipitation in the immediate area. The same amount of water leaves the basin annually through evaporation and plant transpiration, achieving a natural equilibrium at the Salar. Livent intercepts less than 2.0% of the 210 million cubic meters of water that flows into the basin.



Salar del Hombre Muerto, Argentina.

APPROXIMATE 2020 CO₂e FOOTPRINT—SCOPE 1 & 2*

GRI 305-1, GRI 305-2, SASB: EM-MM-110a.1, TCFD: Metrics & Targets, UNSDG: 13

Livent Product	Production Country or Route	CO ₂ e Footprint (tonnes per product tonne)
Lithium Carbonate	Argentina	3.5
	U.S.	2.0
Lithium Hydroxide	China	5.0
	Argentina to U.S. route	5.5
	Argentina to China route	8.5
"Cradle to Gate" for Lithium Hydroxide		

*The 2020 CO₂e data for these two products does NOT include any reductions from purchased carbon offsets that were applied to Livent's overall GHG figures.

Extraction Process

GRI 306-1, GRI 306-5, UNSDG: 12, 14

To extract lithium from brine, we use a proprietary DLE process, known as Selective Adsorption (SA), which takes in freshwater and uses it to separate lithium from brine. Water is a key raw ingredient in our DLE process and our SA technology speeds up the concentration process and reduces the need for large pre-concentration evaporation ponds commonly used by conventional brine-based lithium producers. By not relying on large pre-concentration ponds, we do not add to the natural rate of evaporative loss in the Salar by exposing huge volumes of underground brine to the elements over 18–24 months. Through Livent's process, we are also able to return most of the used brine/water volume to the surrounding Salar habitat, without introducing solvents or hazardous chemicals into the environment and without altering the pH of the used brine.

Conventional pond strings for lithium extraction require a large land footprint and may increase the evaporative loss of water from the local ecosystem. Livent's physical footprint is significantly lower than that of conventional brine-based lithium producers. Over the next few years, we intend to reduce our overall land use by decommissioning our relatively small number of remaining evaporation ponds.

Water Use

GRI 303-1, GRI 303-3, GRI 303-2, GRI 303-4, GRI 303-5, SASB: TC-ES-140a.1, SASB: EM-MM-140a.1, UNSDG: 14

Our current production in Argentina utilizes water from the Trapiche aquifer. We utilize a comprehensive approach to manage and record parameters such as water flows, chemical transport and salinity to use water resources sustainably. In addition to our in-house expertise, Livent has a long-term working relationship with a geology firm to conduct modeling of both the freshwater aquifer and the Salar. The modeling helps us draw brine and water at sustainable rates that should not interfere with the natural equilibrium of the Salar.

Our processes return a significant portion of the brine we use back to the Salar, free from any contaminants or solvents, and without altering the pH of the brine. Our processes also do not add to the natural rate of evaporation in the Salar basin, minimizing our overall impact on the local ecosystem. We have worked closely with the government of Argentina for over 20 years and have Salar / hydrogeological models to provide for sustainable water use and minimize our environmental impact. We have not contributed to a decrease in brine or water over the 20 years we have operated at the Salar. Even though there is very little direct precipitation at the Salar, 210 million cubic meters of water flows into the "closed" Salar basin every year, largely through inflows from higher elevations in the Andes Mountains. Livent intercepts less than 2% of that very large annual water flow. The total watershed area for the Salar (3,900 cubic km) is larger than the US state of Rhode Island.



Pre-concentration pond, Salar del Hombre Muerto, Argentina.

We will continue to work closely with our third-party geology firm as we expand our operations in Argentina to minimize future impacts. We plan to use a secondary water source, the Los Patos River, for our expansion. This would reduce our reliance on the Trapiche aquifer. We have already installed monitoring wells on both of these water sources to track water levels, recharge rate and water chemistry to help us use water in a sustainable manner. The government of Catamarca has also conducted extensive environmental reviews of our current water use and expansion plan with the help of independent third parties.



Academic research teams leading the lithium water study. Photo taken prior to global pandemic declaration. University of Alaska Anchorage and University of Massachusetts Amherst®.

Lithium Water Study Collaboration

Livent is participating in a geohydrological water study on the impact of lithium mining on local water resources and the surrounding ecosystems, led by the University of Alaska Anchorage and the University of Massachusetts Amherst. The study is sponsored by The BMW Group and BASF. The aim is to improve a scientific understanding of the relationship between fresh water and lithium brine aquifers, evaluate different technologies and processes and provide greater insights into sustainable lithium mining.

Biodiversity

In addition to our water management activities, we work to minimize the impact our operations have on surrounding biodiversity at all Livent sites. Our Fénix production facility is located approximately 2.5 miles (4,200 meters) above sea level in the Salar del Hombre Muerto and requires a unique approach to biodiversity management. This mountain ecosystem is home to diverse flora and fauna, which have adapted to life in extreme environmental conditions. To protect the existing ecosystem at our facility in Argentina, we regularly conduct studies with third-party specialists to monitor the variety and abundance of local plant and animal species, watershed properties and limnology. The results of our 2017 study showed plant species variety and abundance were consistent with previous studies while the spectrum of animal species had increased, including nine additional bird species compared to a 2009 baseline. A more recent study, conducted in 2020, showed no significant variation in animal biodiversity. The 2020 study also suggested that changes in plant biodiversity are the result of natural adaptations to environmental and seasonal factors rather than a response to any anthropogenic (i.e., human) activity. Lastly, the limnology component of the 2020 study found that variations in observed species diversity and in the abundance of river organisms, such as macroinvertebrates and phytoplankton, were consistent with historically recorded biodiversity levels.

We have observed similar trends at our Bessemer City site in North Carolina, where our man-made 22-acre equalization pond has created a thriving habitat for an abundant array of wildlife, including whitetail deer, wild turkey, osprey, coyotes and beaver. Several species of fish live in the waters of the pond as well, including carp, catfish, bass and bream. Our employees use the walking trails to the pond for exercise and relaxation and have reported seeing several species of water birds such as gray heron, egret, cormorant and killdeer. During migratory season, many species of ducks and geese will also use the pond as a resting area. Our Bessemer City site is proud to have such an array of wildlife at its backdoor and shows that chemical manufacturing can exist with our wild neighbors.



Top left and right: Onsite man-made equalization pond at Bessemer City, USA—a thriving habitat for an array of wildlife. Tim Williams®.
Bottom left and right: Biodiversity researchers at the Salar del Hombre Hombro, Argentina, and surrounding area



Fénix, Argentina.

Operational Impacts

As part of our sustainability efforts, we actively monitor and manage the company's energy use, GHG emissions, water use and waste disposed at all of our manufacturing facilities around the globe. As we have grown over the past several years, we have focused on increasing production capacity while making significant progress in reducing our environmental impacts and resource consumption.

With our new company-wide sustainability performance targets, we aim to further our site-specific programs, and continue our progress at each local facility.

In 2020, our energy intensity increased 6% from our new 2019 baseline, on a per product tonne basis. This was largely due to reduced product output from our Argentina operations because of COVID-related shutdowns. Even though production was down, we still needed to maintain baseline energy use while the manufacturing sites were idle.

GHG intensity largely tracks together with energy intensity, but we were able to decrease GHG intensity in 2020 by 15% from the new 2019 baseline. The decrease reflects 20,833 tonnes of carbon offsets from a 2020 investment in a large-scale renewable energy/wind project.

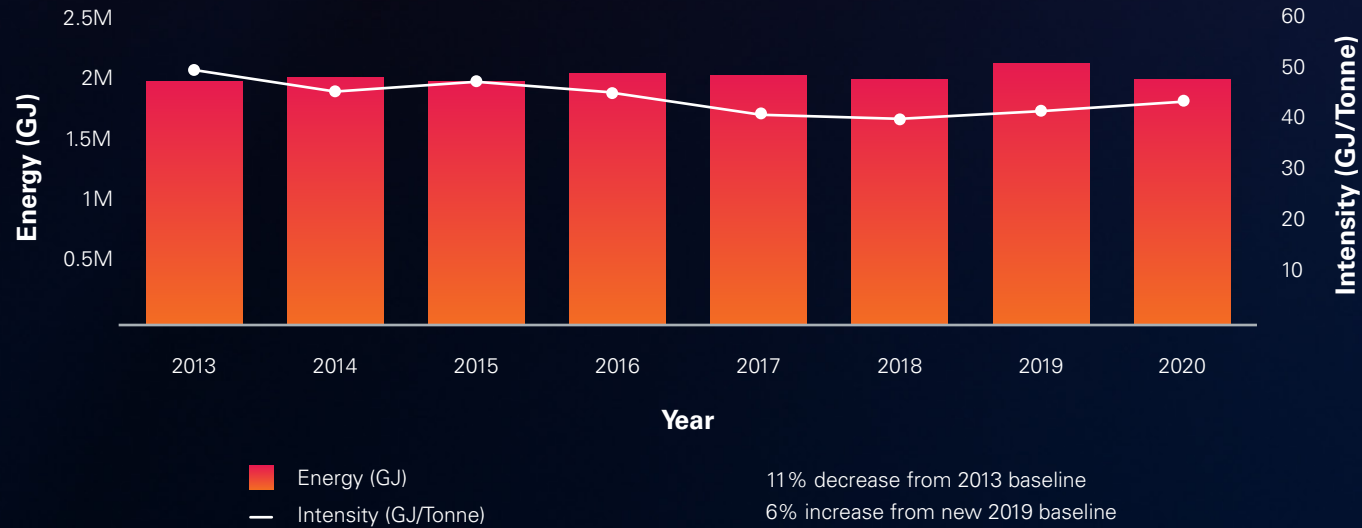
Our waste disposed intensity continued to trend down in 2020, with a 10% decrease against the new 2019 baseline. This reduction is largely reflective of our efforts to reduce Lithium Hydroxide waste streams at our Bessemer City site.

Lastly, water intensity in 2020 was up 14% against the new 2019 baseline. As with energy intensity, the increase on a per product tonne basis was due to lower production due to COVID-related shutdowns in Argentina and the need to keep using water for operational maintenance even when our manufacturing sites were idle.

AS WE HAVE GROWN OVER THE PAST SEVERAL YEARS, WE HAVE FOCUSED ON INCREASING PRODUCTION CAPACITY WHILE MAKING SIGNIFICANT PROGRESS IN REDUCING OUR ENVIRONMENTAL IMPACTS AND RESOURCE CONSUMPTION.

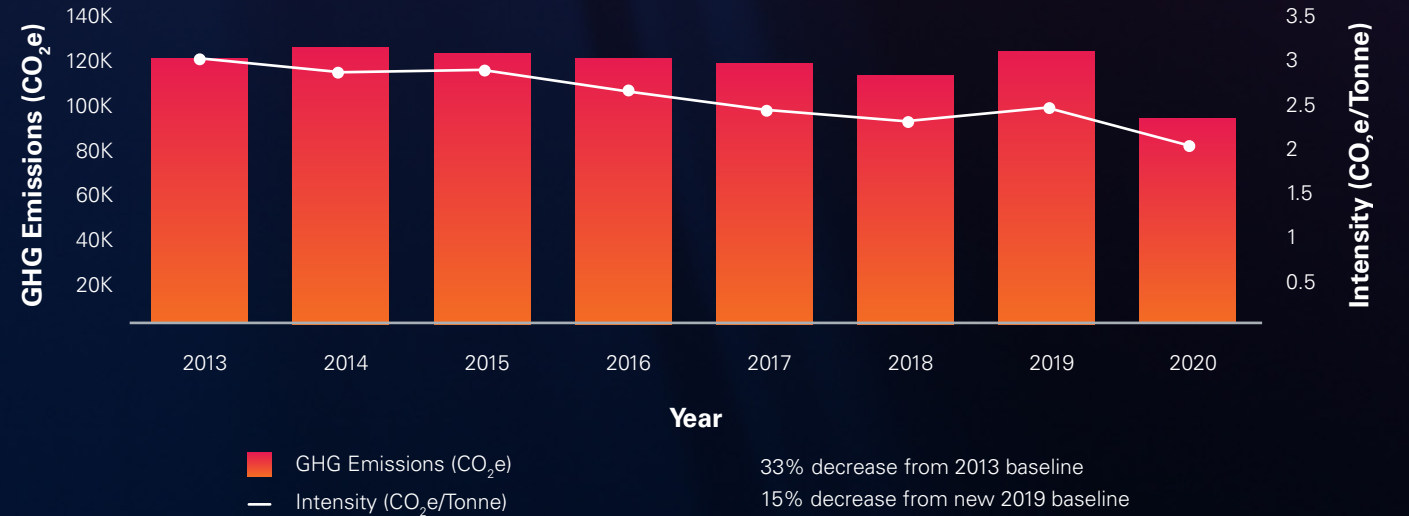
ENERGY INTENSITY

GRI 302-3, TCFD: Metrics & Targets, UNSDG: 7



GHG INTENSITY*

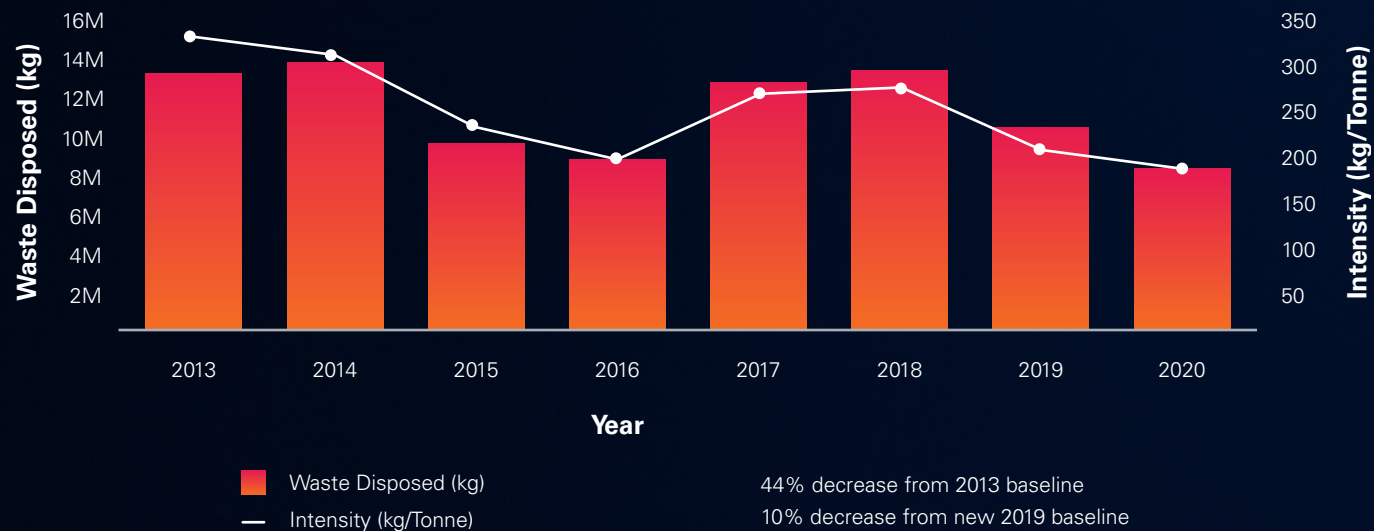
GRI 302-3, TCFD: Metrics & Targets, UNSDG: 7



*Reflects 20,833 tonnes of carbon offsets from a 2020 investment in a large-scale renewable energy/wind project.

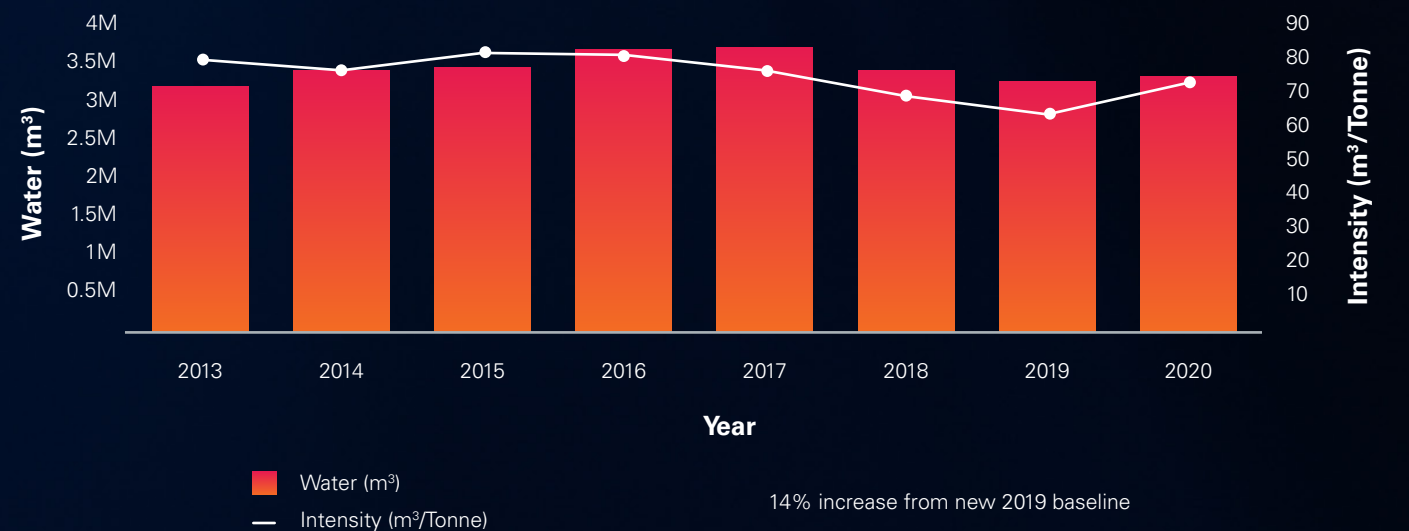
WASTE DISPOSED INTENSITY

GRI 306-2, SASB: TC-ES-150a.1, UNSDG: 12



WATER INTENSITY

GRI 306-2, SASB: TC-ES-150a.1, UNSDG: 12



SOCIAL RESPONSIBILITY



Community projects in Catamarca, Argentina.



Introduction

We use the ISO 26000 framework as a guide to integrate social responsibility into our values and practices. We focus on many issues as part of social responsibility, including occupational health and safety, workplace environment, fair and ethical labor & operating practices, employee engagement and development, DE&I initiatives, consumer rights, human rights (including the rights of Indigenous Peoples), responsible sourcing and community involvement and development.

Occupational Health & Safety

GRI 306-3, GRI 403-1, GRI 403-2, GRI 403-4, GRI 403-9, GRI 403-10,
SASB: RT-EE-150a.2, SASB: TC-ES-320a.1, UNSDG: 14

Safety is a Livent core value. At Livent, safety is first and foremost in how our employees behave and how our customers handle lithium products. We have a steadfast focus on the safety of our employees, our customers, the communities we operate in, and the environment. Product stewardship is our commitment to mitigating the health and safety impacts of all that Livent manufactures throughout their life cycles. We provide **Safe Handling Guides** at every step of our processes, from our mining operations in the field to the end users in manufacturing facilities.

We take a proactive approach to identifying and addressing workplace risks and going beyond what is required by law. We reinforce our “Safety First” value by beginning every meeting of three or more employees with a Safety Share, a brief discussion about a top-of-mind safety issue. At a global level, we distribute a weekly company-wide “Safety, Quality and Reliability” message from our Chief Operations and Engineering Officer and other senior leaders.

Our 2020 performance demonstrates our commitment to safety. Last year we had zero recordable injuries worldwide and zero recordable spills / releases worldwide. This would have been an outstanding result in any year but even more so given the distractions and challenges of the COVID-19 pandemic. We are proud of our employees and the way in which they take safety into their own hands in everything they do.

Livent’s environmental health and safety (EHS) **policy** applies to all our facilities. Our global head of EHS oversees the consistent implementation of our safety standards so that our employees fully understand and demonstrate the tenants of our EHS policy. In addition, our EHS teams regularly review all of Livent facilities’ health and safety data to assess trends and put forward corrective actions.

All of our manufacturing sites are ISO 14001 (environment) and ISO 45001 (occupational health and safety) certified, and we are working towards global certification of our EHS management system in 2021.

COVID-19 Pandemic Response & Business Continuity

GRI 403-3

Due to the global nature of our business and the location of our customers, we have a geographically dispersed value chain. To ensure that Livent is able to meet the needs of our customers, we have a global Crisis Management Plan, as well as site-specific continuity plans, which we continuously update. We activated our business continuity plans in stages, beginning in February 2020, in response to the global spread of COVID-19.

Our ability to navigate the pandemic has been a testament to the strong and dedicated teams we have in place around the world. Given Livent’s presence in China, and Asia more broadly, we had been addressing the coronavirus outbreak since early February 2020, when we formed a regional pandemic response team and implemented various actions to keep our employees safe. By taking decisive early steps and diligently monitoring the situation, we were able to safely resume operations in China following the extended Lunar New Year holiday. This early start also meant we could react quickly and confidently at our sites outside of China once it became clear that we needed to do so. We were able to operate without any major issues in China since then. Even during a period when there were significant logistical challenges moving people and products across provincial borders in China, we were able to leverage our global supply chain to minimize disruption in delivering products to customers, while also managing cost.



Colleagues in Zhangjiagang, China.

IN 2020, DESPITE THE PANDEMIC, WE ACHIEVED ONE FULL YEAR OF ZERO RECORDABLE INJURIES WORLDWIDE AND ONE FULL YEAR OF ZERO RECORDABLE RELEASES OR SPILLS WORLDWIDE.



Top left: Community COVID vaccine distribution clinic at Livent Bessemer City, USA. Top right: Colleagues in Fénix, Argentina.
Bottom: Colleagues in Patancheru, India.

Informed by our experience in Asia, Livent was able to quickly form a Global Pandemic Response Team in early March 2020 when the worldwide spread and severity of the virus became clear. We took early and decisive actions by stopping all business travel, limited visitors and requiring all non-essential workers to work from home. Since then, our top priority has continued to be the safety and well-being of our employees, customers and communities around the world.

Many of the lithium products we make are essential, not only in energy storage, but in critical applications that the world needed more than ever—from pharmaceutical ingredients and industrial disinfectants, to components used in ventilators, nebulizers, hospital tubing, oxygen supply systems and other vital medical devices. In fact, Livent India (also known as BuLi Chemicals) was recognized as a 2020 Distinguished Vendor by Biocon, India's largest biopharmaceutical company, for providing butyllithium throughout the pandemic, enabling Biocon to continue producing various life-saving medicines.



Livent worked to develop and institute strict procedures on a site-by-site basis. This included visitor and medical screenings, temperature checks, essential person designations, split shifts, mask-wearing and social distancing measures.

To allow our plant workers to continue working on site, we provided our essential workers with extra flexibility and precautionary protection. We adapted our employees' schedules, such as parents of remote students and

those caring for sick family members. Our protection measures included providing appropriate PPE, enforcing proper social distancing and following recommended health protocols.

Our collaboration with the provincial and federal officials in Argentina during the mandatory countrywide quarantine also reflects Livent's level of preparedness and commitment to responsible operations. We worked closely with the Argentine government to develop and administer a practical set of protocols to resume local operations after only two weeks of downtime after a mandatory national quarantine.

We also used this pandemic as an opportunity to further engage with and support our employees and local communities. For our employees, we maintained jobs as well as pay and benefits for our employees; offered flexible staffing and scheduling (to care for sick family members or attend to children attending remote school); provided mental health and other support services for employees and their families; and, we quickly rolled out virtual meeting tools like Microsoft Teams to help keep our people connected.

We were also grateful to be in a position to help those in our communities, from donating PPE in the United Kingdom to providing medical personnel, ambulance services and essential air transportation in Argentina. And in March 2021, we had the opportunity to partner with and serve our communities in North Carolina. Livent, Kintegra Health and Bessemer City worked together to hold a free drive through COVID-19 vaccination clinic at one of Livent's large parking lots. The event was open to individuals age 65 and older, frontline workers and the medically vulnerable.

Employee Engagement & Development

Our employees are Livent's most valuable asset. The nature of our business requires that we hire, retain, develop and engage research scientists, engineers and a technical salesforce.

Global Employee Survey

In late 2020, Livent conducted its inaugural global Employee Experience Survey as an independent company. Our employees expressed that Livent is a great place to work, one in which they feel a strong sense of belonging and respect. Our challenge is now to build upon this sentiment so that our workforce maintains a high level of engagement. We will use the survey results and the data from subsequent annual surveys, to maintain our performance in areas where we are doing well and to improve in those areas where we can do better.

Conversations With Senior Management

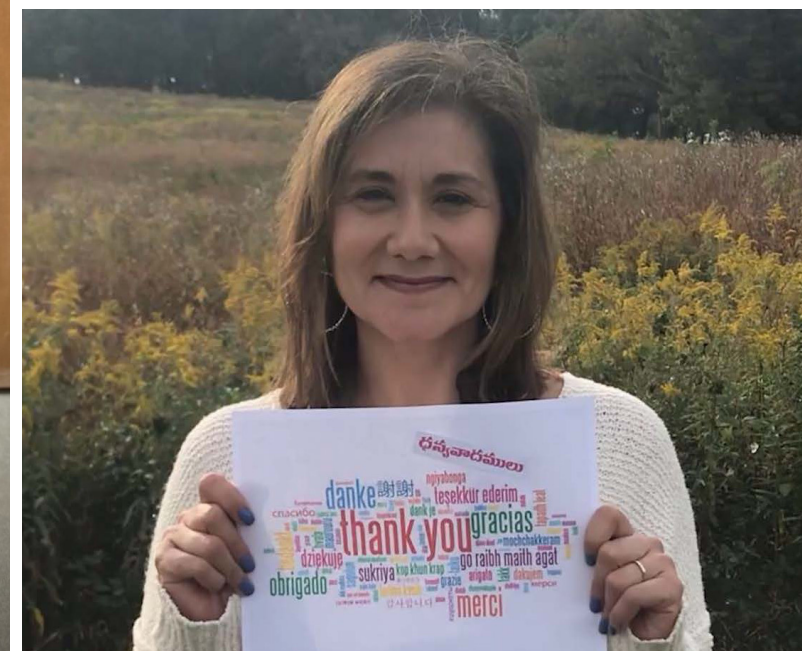
We hold quarterly all-employee town hall meetings to engage our global workforce and promote transparency. These meetings give Livent employees the opportunity to engage with our CEO and ask executives questions in a live setting. We also regularly host local town hall meetings where employees engage directly with senior leadership on the issues important to their facilities.

Compensation & Benefits

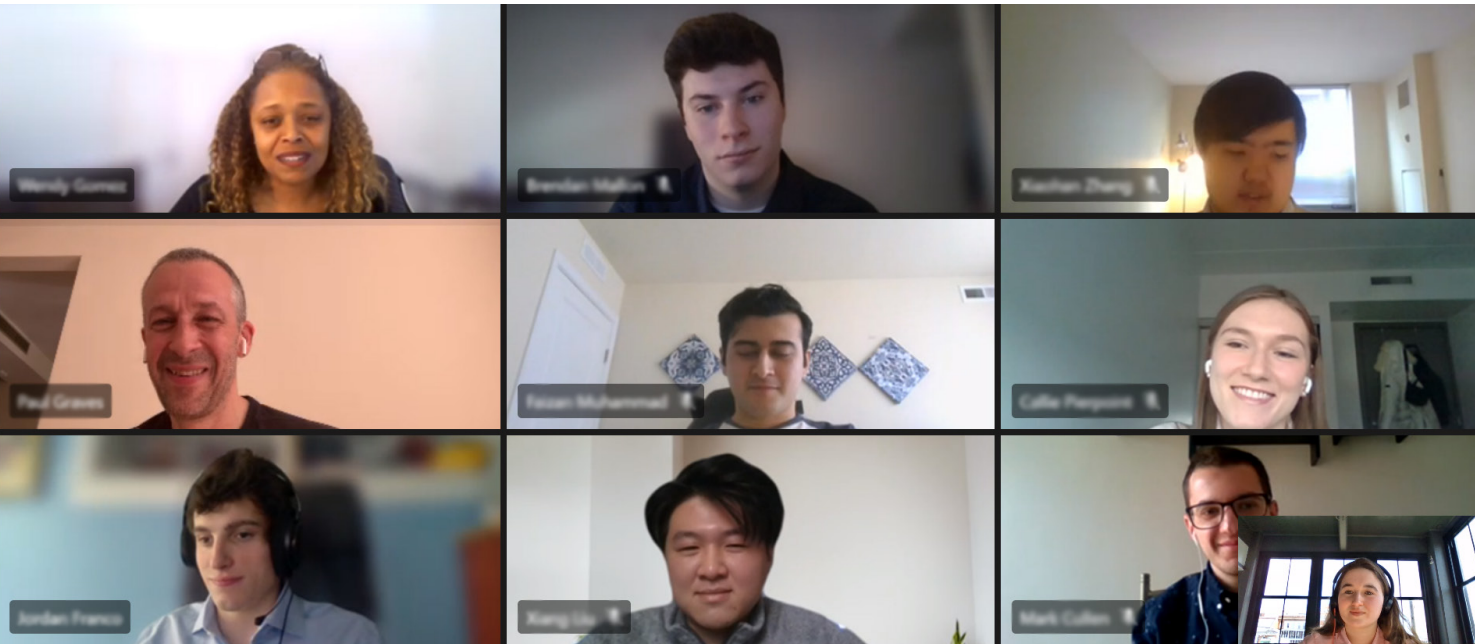
We provide competitive compensation and benefits programs for our employees. Our global compensation system seeks to maintain salary levels that reflect position responsibilities, are competitive with the external market, and attract, retain and motivate our employees. With these goals in mind, we drive and reward high levels of performance, provide flexibility to fit varying levels of skills and qualifications and ensure comparability with companies of our size and industry.

Livent's benefits programs, which vary by country/region and employment classification, include medical, prescription drug, vision and dental insurance, health savings and flexible spending accounts, life and accident insurance, short and long-term disability, an employee assistance program, paid time off, family leave and wellness incentives and challenges.

In the USA, we offer a competitive 401k plan that provides eligible employees an opportunity to contribute on a pre-tax basis up to 50% of their eligible compensation (up to the IRS limit). Livent provides a company match of 80% of the first 5% of an employee's contribution. On an annual basis, Livent also provides an automatic company contribution per pay period to the savings plan for all such employees. All company contributions are fully vested immediately.



Livent colleagues from around the world.



Top left: Virtual “meet and greet” meeting of Co-op students with Livent CEO, Paul Graves. Bottom left: Members of the Livent Community Relations team in Catamarca, Argentina.

Going the Extra Mile Program

We have a Go the Extra Mile (GEM) award program to recognize and reward excellence shown by Livent employees who reflect our core values and far exceed expectations. Anyone at the company can nominate a colleague for a GEM award in any one of three categories (Emerald, Ruby, Diamond), each of which is accompanied by a range of gifts and/or monetary awards.



Talent Pipeline & Training Programs

Livent recognizes the need to create talent pipelines both for current and future employees.

In our Philadelphia corporate headquarters, we offer a 6-month university-sponsored co-op program with Drexel University where students balance classroom instruction with practical experience in their fields of study.

After they graduate from college, many of our co-ops go on to take full-time internship positions in Livent’s Engineering Development Program (EDP), a 12–18 month formal training program for budding engineers. The top EDP participants are offered full-time engineering positions with Livent.

Similarly, in Argentina, our “emerging talent” apprenticeships help to increase the talent pipeline and employability of the local and Indigenous resident populations.

Livent Learning Committees

As part of our commitment to support the professional growth and continuous learning needs of our employees, many of our locations have Learning Committees to spearhead local learning initiatives like “Lunch n’ Learns” on various topics ranging from management essentials to Excel fundamentals and lithium product safety. As part of this initiative, we launched a global Learning Center intranet site to support our culture of continuous learning and improvement.

Global Employee Service Anniversary Awards

Every quarter, Livent publishes a list of employees who have achieved various service milestones. These employees receive recognition and a small award for their dedication and service.



Tree-planting for World Environment Day, Patancheru, India

Diversity, Equity & Inclusion

GRI 405-1, UNSDG: 5

In 2020, Livent made the decision not to be a passive observer in the wake of the mass protests against social injustice and systemic racism in the United States and around the world. Instead, the company empowered the DE&I Committee, chaired by our Chief Human Resources Officer, to pursue a broader mission that better reflected the company's commitment to social progress. That mission is:

At Livent everyone shares responsibility to build an organization based on acceptance, respect and belonging as well as fairness and equal opportunity.

We drive accountability to reflect our core value to Celebrate Differences in all aspects of our culture, people, operations, customers and relationships.

This mission is supported by our DE&I initiatives strategic pillars of Awareness, Engagement, Accountability and Monitoring.

All of our work in DE&I initiatives is underpinned by our knowledge that diverse teams drive better business performance. Studies are clear that companies with greater diversity are more innovative, more resilient and better able to respond to complex challenges.

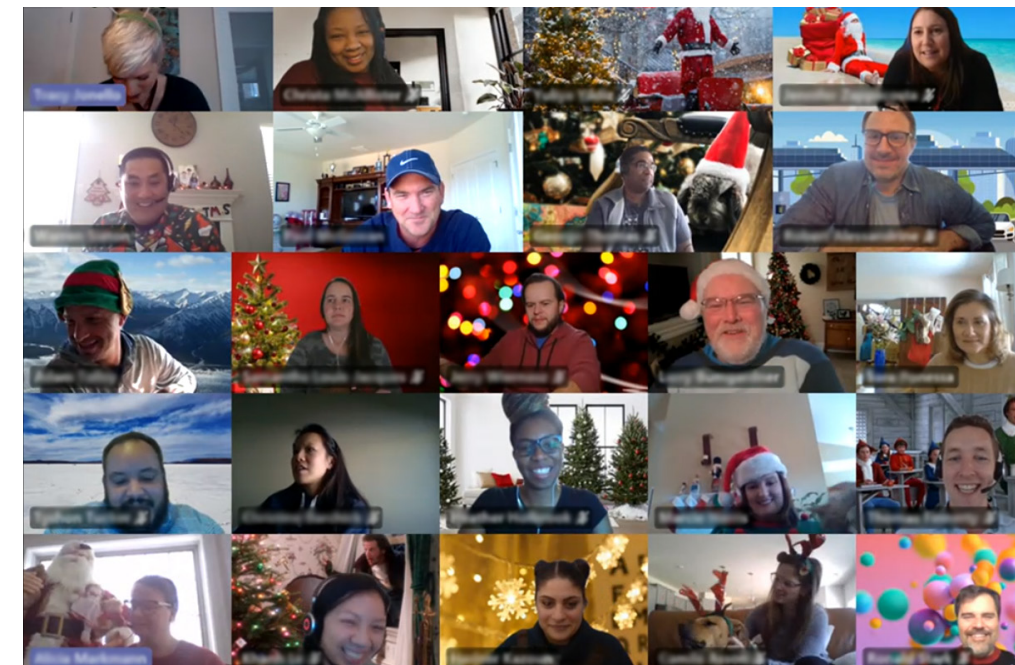
However, we also know diversity alone is not enough. For diversity to succeed, it must be cultivated within a culture that actively: (1) creates and supports diversity; (2) prioritizes equal opportunity and fairness in its management systems and practices; and, (3) cultivates a sense of inclusion and belonging for employees with diverse perspectives, backgrounds and expertise.

It is only in this kind of environment, and under these conditions, that employees will feel empowered to bring their true, authentic selves to work and make contributions to making a more dynamic organization, all of which is at the heart of Livent's core value to Celebrate Differences.

Black Employee Network (BEN)

In 2020, Livent created our first employee Affinity Group, the Black Employee Network (BEN), sponsored by Livent's Chief Financial Officer. The BEN challenges all employees to leave their comfort zones through open and honest conversations about the difficult social issues our world is facing. The BEN also serves as a forum for employees to listen to testimonials from their colleagues, many of whom bravely share their personal experiences.

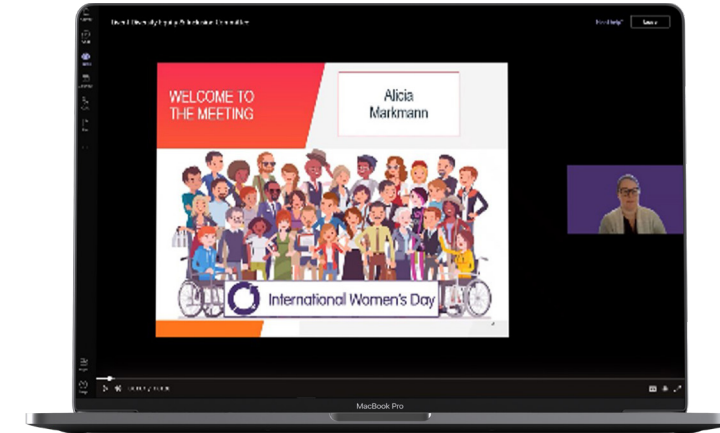
AT LIVENT, EVERYONE SHARES RESPONSIBILITY TO BUILD AN ORGANIZATION BASED ON ACCEPTANCE, RESPECT AND BELONGING AS WELL AS FAIRNESS AND EQUAL OPPORTUNITY.



Top: Members of our R&D team. Bottom: Virtual year-end holiday party for US employees.



Top: Bessemer City operators. Bottom: Workshops in Catamarca, Argentina.



Global DE&I virtual town hall and International Women's Day celebration, March 8, 2020

Global Women's Network

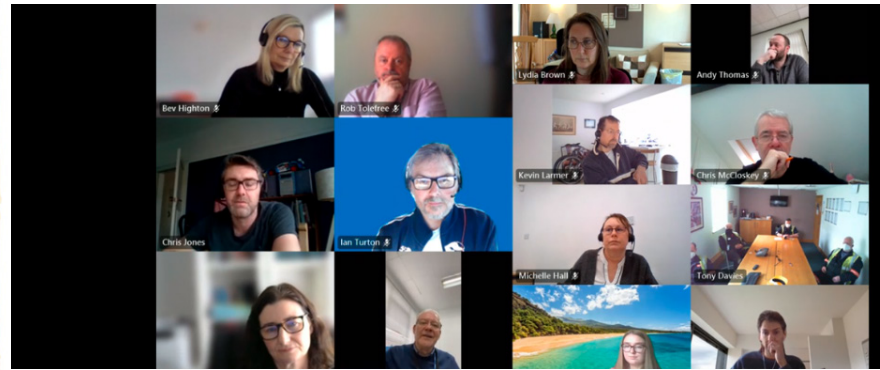
Our Global Women's (GWN) started in Argentina as a local women's group focused on taking steps to better support women there. The Argentina women's group helped open our eyes to the many issues women face within and outside of the workplace, including many challenges amplified by the pandemic. The rollout of the "DE&I Initiatives Basics" and "Unconscious Bias" leadership training programs in Argentina was a good first step in addressing some of these issues—not just for the benefit of women but all historically disenfranchised groups in the region. On March 8, 2021, International Women's Day, this group officially expanded to become Livent's Global Women's Network (GWN), under the sponsorship of Livent's CEO.

LiFT UP

Our newest employee Affinity Group is LiFT UP. Members have a shared interest in professional development. The group is sponsored by our Chief Commercial Officer and our Chief Administrative Officer, Asia Pacific. It is open to Livent employees worldwide and led by a subcommittee of representatives from each of our geographical region. LiFT UP aims to support Livent employees in their professional, personal and self-awareness development goals by offering resources, leading initiatives and creating a community of peers and mentors.

Mentoring Program

To support our growing Affinity Groups, Livent launched a global mentoring program in March 2021 to help employees benefit from the knowledge, wisdom and career experience of others in the company. Through this program, our employees can engage with and learn from others with whom they share identities and build networks of support across Livent.



BESSEMER CITY | CHARLOTTE | PHILADELPHIA



Livent has a long-standing relationship with the United Way. In late 2020, we kicked off our annual giving campaign to support our local communities in the USA. Employees in Bessemer City, Charlotte and Philadelphia participated. From this campaign, we raised nearly US \$22,000 for United Way Greater Philadelphia and Southern New Jersey and United Way of Gaston County, N.C.

Top left: Colleagues in Bromborough, UK, held virtual meetings to talk about mental health as part of the UK's "Time to Change" initiative.

Community Involvement & Development

At Livent, we believe we are only as successful as the communities in which we work and live. Livent is committed to the protection and advancement of human rights around the world—and making a positive impact in the community, especially our communities in Argentina. We bring this commitment alive through the Corporate Social Responsibility (CSR) portion of our Sustainability Program. We support our communities around the world through a range of activities, including philanthropic giving, employee volunteerism, infrastructure development and local capacity building.

Globally, each Livent facility runs its own community engagement activities based on employee understanding of local needs. With support from company leadership, employees collaborate to select which local organizations to help with philanthropic contributions or by volunteering their time. Community engagement activities across Livent focus on promoting safety, STEM (science, technology, engineering and mathematics) education, health and nutrition and poverty alleviation.

SOME OF OUR GLOBAL CSR INITIATIVES

(Outside Argentina)

USA

- United Way regional fundraising campaign
- Philadelphia Pride Parade
- LEAD program for top high school students from underserved areas
- Pennsylvania Conference for Women
- Walk to End Alzheimer's
- Miles of Smiles, to help families facing hardship
- United Way of Gaston County "Day of Caring"
- Habitat of Humanity regional programs
- Cleveland County Hospice, NC
- Second Harvest Food Bank
- Science & Tech expos at various local universities
- Horses as Heros therapy horse program
- STEM and nutritional support for Gaston County School, NC

China

- International Women's Day celebration and service activities
- Safety Day for employees and families

India

- Family Day celebration
- National Safety Week
- School supplies and financial support for local schools
- World Environment Day

Singapore

- Boys Brigade food collection
- It's Raining Raincoats clothing drive

UK

- Fundraising for Claire House Children's Hospice
- March for Men 10k fundraiser for prostate cancer
- MacMillan Cancer Support fundraising
- "Time to Change" Mental Health conversations

Global

- Earth Day
- International Day for the Elimination of Violence against Women

Community Relations Program in Argentina

We have a robust and comprehensive community relations program in Argentina. In 2020, our Community Relations team in Argentina carried out a series of programs and actions to promote the well-being and development of the people and communities living near our operational sites. Three main pillars drove the team:

1) Local Development and Employment

- “La Puna” entrepreneurs
- Agro-productive program
- Young professionals
- CAAS (Learning Contracts)

2) Quality of Life

- Health and Nutrition: assistance to local residents, training, donations to the Centers for Emergency Operations, delivery of food to soup kitchens for children, senior adults and pregnant women
- Education: promoting young people’s training and development through student scholarships
- Good Neighbors Program

3) Climate Action

- Recovery and reactivation of the alluvial fan of the Trapiche river
- Environmental Education

Spanning each of these pillars is our **Corporate Volunteering program**, in which our employees engage in community activities for the common good, in close partnership with local residents, entrepreneurs and institutions.



In 2020, Livent invested more than US \$50 million to support the national and local economies and communities in Argentina.*

*Includes Community Relations program, Capital Spend in Argentina and the Water Trust Agreement.

Quality of Life

Livent’s Quality of Life programs include efforts for nutrition and health. We contribute monthly food donations for children, provide assistance to neighbors suffering from health diseases, and develop school programs for local students. Livent donated an ambulance, digital thermometers, masks, and face shields to the local community. Our Student Scholarship Program will launch in 2021 and provide financial and emotional support, through tutors, to students working through higher education.

Corporate Volunteering

Through our Corporate Volunteering program, Livent employees worked to transform wooden pallets into furniture for the community. Not only did our employees participate in the “Recycling of Pallets” activity, but local neighbors and municipal employees also joined. This activity is still going on in Peñón.

Local Development & Employment



The La Puna Entrepreneurs program is an opportunity for entrepreneurs to receive training to start a business. Our entrepreneurs learn how to put together a business plan and enhance new opportunities in the commercial, tourism, cultural, and mining sectors.

Environmental Action



Livent’s environmental action encompasses water and waste through projects and workshops. We began to install a permanent irrigation system to reactivate the Trapiche river floodplain; the project will be complete in 2025. Our virtual workshops show the local community how to make compost at home through the reuse and recycling of waste in compost.

Local Employment & Training



We also support our communities in Argentina by employing local workers. We are proud to employ over 100 residents from the Catamarca province at our Fénix facilities. To build local capacity, we offer job training and university scholarships to Catamarca residents who do not work for Livent. Some of the job training we offer include assistant operator for mining processes and mining processes techniques.



“ESTAMOS CON VOS”

GRI 411-1, SASB: EM-MM-210b.1,
SASB: EM-MM-210a.3, UNSDG: 10

Many of our community outreach programs in Argentina are branded “Estamos Con Vos,” which means “we are with you,” in Spanish, signaling Livent’s sincere commitment to help uplift our communities. Through our outreach efforts and investments in the community, Livent strives to help improve the relationship between Indigenous Peoples and private industry.

Community Dialogue Roundtable Meetings

In March 2021, we began a series of community dialogue roundtable meetings to establish a formal cadence of two-way communications with local community members, including Indigenous Peoples. These monthly meetings are facilitated by EcoConciencia Foundation, a UN-affiliated NGO, and enable dialogue between Livent and the local communities to ensure transparency in our relationship. The community leaders participating include the mayor, mining minister and leaders of Indigenous groups. Livent’s team includes our representatives and the communications team. The roundtables allow the community to voice any concerns and request additional support. In this way, Livent is able to align our goals with those of the community and work together for the benefit of all.

Indigenous Peoples

The Salar del Hombre Muerto is located at high altitude in a very remote area, where a very small number of Indigenous People reside near our Fénix facility. We stay in close communication with this small community because they are our neighbors. We send teams daily to visit the residents and often bring food, other essential supplies and medical personnel.

Our commitment to build and retain respectful relationships with local communities and Indigenous peoples starts at the top of our organization. The Sustainability Committee of Livent’s Board of Directors oversees our engagement with local communities and Indigenous Peoples.

Many of Livent’s business leaders also personally visit and engage with the local Indigenous chiefs and community leaders near our extraction facility in Argentina. We strive to understand the unique perspective and needs of the Indigenous community in Argentina, and incorporate their feedback into our operational approach.



Top left: Livent ambulances to support the communities of Catamarca, Argentina
Bottom: Community Dialogue Roundtable Meeting, Argentina.

Water Trust

In addition to our Community Relations program in Argentina, we established the Salar del Hombre Muerto Trust Fund ("the Water Trust") in October 2015, in partnership with the Province of Catamarca, Argentina, and amended it in 2018. Livent contributes a portion of the revenues from our operations in Argentina to the Water Trust, which funds infrastructure projects for the benefit of the community in Catamarca. A committee made of representatives appointed by local government officials from Catamarca and Livent manages the Water Trust. Some of the completed projects funded by the Water Trust include:

- Photovoltaic Solar Parks in Antofagasta and El Peñon
- Construction of a park ranger station in Antofagasta de la Sierra in the area of Bordos Negros
- Recovery of the reservoir of Las Pitas River and water supply cistern for drinking water in Antofagasta de la Sierra
- Construction of the Rio Bolson Bridge and the Cura Quebrada Bridge to exchange goods and services
- Repaving of Provincial Route No. 43
- Purchase of equipment to donate to the Municipality of Antofagasta de la Sierra

THE WATER TRUST FUNDS INFRASTRUCTURE PROJECTS FOR THE BENEFIT OF THE COMMUNITY IN CATAMARCA, ARGENTINA.



Solar park in El Peñon, Argentina, funded by the Water Trust

Human Rights & Responsible Sourcing

GRI 102-41, GRI 403-7, GRI 412-2, GRI 412-3,
SASB: EM-MM-310a.1, UNSDG: 16

Livent is committed to the protection and advancement of human rights.

Our Human Rights Policy is guided by The Universal Declaration on Human Rights, The United Nations Global Compact Principles, and The International Labor Organization's (ILO) Declaration on Fundamental Principles and Rights at Work. It embeds the responsibility to respect human rights throughout our global business. The policy includes, but is not limited to, Livent's stance on non-discrimination; child, forced or bonded labor; freedom to associate or collectively bargain; worker health and safety expectations; working conditions, including hours; fair wages and compensation; migrant worker protections; and protections against harsh or inhuman treatment or harassment.

Livent has set high standards for the way we conduct business in the areas of social and environmental responsibility.

We also expect our suppliers to conduct their business with similar standards of integrity and ethical behavior. We recognize that our suppliers are critical to our ability to manufacture high quality products for our customers in a safe, ethical, socially conscious and sustainable manner. Upholding accountability and transparency in our procurement processes is a core element to achieving our new sustainability goals and helping our customers meet their own goals.

It has never been more important for our suppliers and partners to work with us to advance those goals and align with the environmental, social and governance (ESG) standards that we hold ourselves accountable to.

Accordingly, we are in the process of implementing a formal Supplier Sustainability Program. A key element of the program will be our Supplier Sustainability Policy. This Policy, and our attendant processes, will help us identify those companies who share our commitment to acting ethically and honestly to advance responsible and sustainable practices in all aspects of our business.

Underpinning our Supplier Sustainability Policy is our Supplier Code of Conduct.

As part of the Supplier Code of Conduct, we expect our suppliers and contractors to adhere to our Human Rights Policy in the work they do with Livent and in their own operations. We also expect our suppliers to take reasonable measures to ensure that their own suppliers, contractors and subcontractors act in accordance with this Supplier Code and we request explicit approval of subcontractors.

Livent is committed to sourcing components and materials from companies that share our values regarding respect for human rights, integrity and environmental responsibility. Because the suppliers we work with are vital to ensuring a responsible supply chain, Livent has a formal Supplier Selection and Approval Process. It involves the screening of all new significant contractors and raw material suppliers for their adherence to quality, safety, human rights standards and sustainability. This program is vital to our ability to manage and mitigate supplier risk.

We track and report compliance with this process through periodic auditing and select Key Performance Indicators (KPIs). We also provide annual Supplier Selection and Approval Process training to employees in Livent's Global Procurement Group.

Additionally, as part of Livent's [Conflict Minerals Policy](#), we are committed to complying with Section 1502 of the Dodd-Frank Act, which aims to prevent the use of materials containing tin, tantalum, tungsten and gold (3TGs) that directly or indirectly finance or benefit armed groups in the Democratic Republic of the Congo (DRC) or in adjoining countries. We closely monitor the materials used in the manufacture of our products, including the presence of any 3TGs. We require all suppliers to commit to avoiding conflict minerals and, if necessary, to source 3TGs only from conflict-free smelters.

LIVENT IS COMMITTED TO SOURCING COMPONENTS AND MATERIALS FROM COMPANIES THAT SHARE OUR VALUES AND STANDARDS.



CORPORATE GOVERNANCE



Bessemer City, USA

Governance Structure

GRI 102-18

We established our corporate governance structure to meet the needs of our stakeholders and create a strong sense of ethics and accountability throughout the company. Our Board of Directors is actively engaged with our senior leadership team to set the culture and direction of Livent.

In 2020, our Board comprised of nine directors, headed by a non-executive Chairman. We maintain a diverse Board membership with varying backgrounds, skills, expertise and other differentiating personal characteristics, and carefully consider these traits when selecting new members. The Board has five committees including audit, compensation and organization, nominating and corporate governance, executive and sustainability. Each committee has an official charter and/or bylaws outlining duties, responsibilities and procedures. See our [website](#) for more information.

Code of Ethics & Business Conduct

GRI 205-2, SASB RT-EE-510a.1

Ethical business conduct is core to who we are and how we work. We commit to acting with honesty, integrity and in full compliance with the law. We believe upholding these commitments is essential to running our business well, building a trusted brand and simply doing the right thing.

The Livent Code of Ethics and Business Conduct ("The Code") establishes company-wide standards that guide our daily activities and business decisions. The Code applies to Livent Corporation, its subsidiaries, affiliates, joint ventures and all other entities that in each case are directly or indirectly controlled or managed by Livent; the employees and directors of these entities (to the extent applicable to their work for Livent); and suppliers and contractors in their work on behalf of Livent. Topics covered in the Code include, but are not limited to, compliance with laws and regulations, responding to non-compliance, relationships with customers, employee rights, information privacy, conflicts of interest, anti-bribery and political contributions.

We require new employees to complete a training on the Code, and all employees to participate in a mandatory annual refresher course.

Grievance & Reporting Mechanisms

GRI 206-1

We have an Ethics Response Line, hosted by a third-party provider, where employees, suppliers and business partners can anonymously report suspected violations to Livent's Code of Conduct. Livent commits to protecting anyone who reports an ethics concern, anonymously or otherwise, from retaliation.

All stakeholders also have the ability to contact the Livent Board of Directors directly.



Colleagues in Zhangjiagang, China

Training & Certification

We require new employees to complete a training on the Code, and all employees to participate in a mandatory annual refresher course. We also require employees to complete other training modules that go deeper on specific topics covered in the Code. All courses are in multiple languages.

Information Security & Fighting Increasing Cyber Threats

We believe that cybersecurity, like safety, is everyone's responsibility. Our employees are the first line of defense against cyber threats. We have an ongoing cybersecurity awareness and training program to help our employees stay vigilant, and we periodically run simulated cyber-attacks to identify vulnerabilities and practice "real-world" scenarios. In addition, we have various tools and policies to protect Livent's systems, network, IP, data, customer information and employees.

ESG PERFORMANCE METRICS



Fénix, Argentina

Topic	Indicator	Units	FY 2020	FY 2019	FY 2018
Environment¹					
Manufacturing & Sourcing Sites	Number of Livent manufacturing sites	#	6	6	6
	Number of sourcing partner sites	#	1	1	1
	ISO certified sites (Livent manufacturing and sourcing sites)	#	7	7	7
Emissions	Total GHG emissions (Scope 1 and 2) ²	tonnes CO ₂ e	91,854*	124,390	113,028
	<i>Scope 1 emissions²</i>	tonnes CO ₂ e	67,131*	–	–
	<i>Scope 2 emissions</i>	tonnes CO ₂ e	24,723*	–	–
	GHG emissions intensity ²	tonnes CO ₂ e/ Product tonnes produced	2.0*	2.4	2.3
Energy	Total energy consumption	GJ	1,971,315*	2,094,067	1,968,431
	Energy intensity	GJ/Product tonnes produced	43.6*	41.1	39.9
Water	Total water consumed	Cubic Meters(m ³)	3,296,663*	3,263,712	3,398,920
	Number of incidents of non-compliance associated with water quality permits, standards, and regulations	#	0	–	–
	Water intensity	m ³ /Product tonnes produced	72.9*	64.0	68.8

Topic	Indicator	Units	FY 2020	FY 2019	FY 2018
Waste Disposed	Total waste disposed	kg	8,388,047*	10,519,440	13,531,219
	Total hazardous waste disposed	kg	1,335,530	–	–
	<i>Incinerated</i>	kg	115,364	–	–
	<i>Wastewater Treatment</i>	kg	1,049,288	–	–
	<i>Landfill</i>	kg	170,878	–	–
	Total non-hazardous waste disposed	kg	7,052,517	–	–
	<i>Incinerated</i>	kg	129,419	–	–
	<i>Wastewater Treatment</i>	kg	6,399,802	–	–
	<i>Landfill</i>	kg	523,296	–	–
	Total waste recycled	kg	1,243,478	–	–
	<i>Total hazardous waste - recycled</i>	kg	616,782	–	–
	<i>Total non-hazardous waste - recycled</i>	kg	626,696	–	–
Number of reportable spills	#	0	–	–	
Total waste disposed intensity	kg/Product tonnes produced	185.5*	206.3	274.4	
Social					
Workforce Composition	Total number of employees worldwide (full-time and part-time)	#	747*	800	–
	Number of contractors worldwide	#	141	–	–
	Percent Employees by Region				
	<i>North America</i>	%	39	41	–
<i>South America</i>	%	40	38	–	

Topic	Indicator	Units	FY 2020	FY 2019	FY 2018
Workforce Composition	Asia	%	13	12	–
	Europe	%	8	9	–
	Percent Employees and Contractors by Gender				
	Employees - women	%	21	21	–
	Employees - men	%	79	79	–
	Contractors - women	%	14	–	–
	Contractors - men	%	65	–	–
	Contractors - gender not specified	%	21	–	–
	Relative Mix of Employees Compared to Contractors, By Region				
	North America	%	85	–	–
	South America	%	95	–	–
	Asia	%	65	–	–
	Europe	%	74	–	–
	Employee Diversity ³	Total number of employees worldwide (full-time and part-time)	#	747*	800
Women		%	21*	21	–
Men		%	79*	79	–
Total number of executives		#	9*	9	–
Women in executive positions		%	33*	44	–
Men in executive positions		%	67*	56	–
Total number of employees in professional positions ⁴		#	217*	–	–
Women in professional positions ⁴		%	41*	–	–

Topic	Indicator	Units	FY 2020	FY 2019	FY 2018
Employee Diversity ³	Men in professional positions ⁴	%	58*	–	–
	Gender not specified	%	<1	–	–
	Total number of employees in operations positions ⁵	#	559*	–	–
	Women in operations positions ⁵	%	13*	–	–
	Men in operations positions ⁵	%	87*	–	–
	Gender not specified	–	<1	–	–
	US Employee Racial Diversity				
	White	%	58	–	–
	Black and African American	%	19	–	–
	Latino/Hispanic	%	3	–	–
	Asian/Pacific Islander	%	5	–	–
	Two or more races	%	1	–	–
	Not specified	%	14	–	–
	Global Age Diversity				
<30 years old	%	7	–	–	
30-50 years old	%	58	–	–	
>50 years old	%	35	–	–	

Topic	Indicator	Units	FY 2020	FY 2019	FY 2018
Labor Relations	Percentage of active workforce covered under collective bargaining agreements				
	<i>North America</i>	%	0	–	–
	<i>South America</i>	%	58	–	–
	<i>Asia</i>	%	0	–	–
	<i>Europe</i>	%	0	–	–
Safety⁶	First aid injuries ⁷				
	<i>Employees</i>	#	9	17	–
	<i>Contractors</i>	#	8	5	–
	First aid injury rate ⁷				
	<i>Employees</i>	# of first aid injuries per 200,000 hours	0.96	1.78	–
	<i>Contractors</i>	# of first aid injuries per 200,000 hours	2.83	0.93	–
	Recordable injuries/illnesses				
	<i>Employees</i>	#	0	1	–
	<i>Contractors</i>	#	1	1	–
	Recordable injury/illness rate				
<i>Employees</i>	# of injuries/illnesses per 200,000 hours	0*	0.11	–	
<i>Contractors</i>	# of injuries/illnesses per 200,000 hours	0.35	0.19	–	

Topic	Indicator	Units	FY 2020	FY 2019	FY 2018
Safety⁶	Fatalities and permanent disabilities- total	#	0	0	0
	Number of fatalities as a result of work-related injury				
	<i>Employees</i>	#	0	–	–
	<i>Contractors</i>	#	0	–	–
	Rate of fatalities as a result of work-related injury				
	<i>Employees</i>	%	0	–	–
	<i>Contractors</i>	%	0	–	–
	Number of high-consequence work-related injuries (excluding fatalities)				
	<i>Employees</i>	#	0	–	–
	<i>Contractors</i>	#	1	–	–
	Rate of high-consequence work-related injuries (excluding fatalities)				
	<i>Employees</i>	#	0	–	–
	<i>Contractors</i>	#	0.35	–	–
	Total hours worked- employees	#	1,880,378	–	–
	Total hours worked- contractors	#	565,243	–	–
Loss of Primary Containment Category 1 Incidents ⁹	#	0	0	0	
Loss of Primary Containment Category 2 Incidents ⁹	#	0	1	3	
Loss of Primary Containment Category 3 Incidents ¹⁰	#	217	162	288	
Notices of violation (regulatory)	#	0	0	2	

Topic	Indicator	Units	FY 2020	FY 2019	FY 2018
Community	Community Relations (CR) program in Catamarca to support health, nutrition, education, training, quality of life, climate action, local development and employability ¹¹	US\$	730,545	998,205	390,329
	Capital Spend in Argentina, which supports the national and local economies ¹²	US\$	46,534,906	105,241,477	42,453,574
	Water Trust Agreement to support community infrastructure projects ¹³	US\$	3,024,652	2,875,119	227,215
Security & Human Rights	Percentage of proved reserves in or near areas of conflict	%	0	–	–
	Percentage of probable reserves in or near areas of conflict	%	0	–	–
Governance¹⁴					
Board Structure	Size of the Board	#	9	7	–
Board Independence	# Non Executive Directors on Board	#	8	6	–
	CEO Duality	Y/N	N	N	–
Board & Exec Diversity	Number of Women on Board	#	2	1	–
	% Women on Board	%	22*	14	–
Board Meetings	Board Meeting Attendance	%	75% +	75% +	–
Audit Committee	Size of Audit Committee	#	4	3	–
	# Non Executive Directors on Audit Committee	#	4	3	–
	% Non Executive Directors on Audit Committee	%	100	100	–
	Non Executive Audit Committee Chairperson	Y/N	Y	Y	–

Topic	Indicator	Units	FY 2020	FY 2019	FY 2018
Compensation Committee	Size of Compensation and Organization Committee	#	3	3	–
	# Non Executive Directors on Compensation Committee	#	3	3	–
	% Non Executive Directors on Compensation Committee	%	100	100	–
	Non Executive Compensation Committee Chairperson	Y/N	Y	Y	–
Nomination Committee	Size of Nomination and Corporate Governance Committee	#	3	3	–
	# Non Executive Directors on Nominating Committee	#	3	3	–
	% Non Executive Directors on Nominating Committee	%	100	100	–
	Non Executive Nominating Committee Chairperson	Y/N	Y	Y	–
CSR/Sustainability Committee	CSR/Sustainability Committee	Y/N	Y	Y	–
	Size of CSR/Sustainability Committee	#	4	3	–
	# Non Executive Directors on CSR/Sustainability Committee	#	4	3	–
	% Non Executive Directors on CSR/Sustainability Committee	%	100	100	–
	Non Executive CSR/Sustainability Committee Chairperson	Y/N	Y	Y	–
	Total amount of monetary losses as a result of legal proceedings associated with anticompetitive behavior regulations	\$	0	–	–
Competitive Behavior	Total amount of monetary losses as a result of legal proceedings associated with bribery or corruption	\$	0	–	–

Topic	Indicator	Units	FY 2020	FY 2019	FY 2018
Products					
	Total amount of monetary losses as a result of legal proceedings associated with product safety	\$	0	–	–
Policies					
Environment	Biodiversity Policy	Y/N	Y	Y	Y
	Animal Welfare Policy	Y/N	Y	Y	Y
	Climate Change Policy	Y/N	Y	Y	Y
Ethics	Anti-Bribery Ethics Policy	Y/N	Y	Y	Y
	Business Ethics Policy	Y/N	Y	Y	Y
	Employee Protection /Whistle Blower Policy	Y/N	Y	Y	Y
	Political Contributions Policy	Y/N	Y	Y	Y
Safety & Human Rights	Health and Safety Policy	Y/N	Y	Y	Y
	Human Rights Policy	Y/N	Y	Y	Y
	Enterprise Level Workforce/Labor Rights Policy	Y/N	Y	Y	Y
	Conflict Minerals Policy (referencing external standards)	Y/N	Y	Y	Y
	Policy Against Child Labor	Y/N	Y	Y	Y
	Supplier Code of Conduct	Y/N	Y	Y	Y
	UN Global Compact Signatory ¹⁵	Y/N	Y	Y	Y

NOTE: In all of the preceding and following tables, “-” means data not available, and “*” means data was assured by ERM CVS.

¹Environmental data covers the 6 manufacturing sites that Livent owns and operates directly. JB, Livent's hydroxide sourcing based partner in Rugao, Jiangsu, China, is a separate company and is not included in any of this data.

²For 2020, reflects 20,833 tonnes of Scope 1 reductions via carbon offsetting investments in a large-scale renewable energy/wind project in 2020. Total GHG Emissions (Scope 1 and 2) in 2020, without carbon offsets, were 112,687 tonnes. Total Scope 1 emissions in 2020, without carbon offsets, were 87,964 tonnes. GHG Emissions intensity (Scope 1 and 2), without carbon offsets, is 2.5 tonnes CO₂e/product tonnes produced.

Scope 1 CO₂e factors reference- US EPA Emission Factors for Greenhouse Gas Inventories (2011)

Scope 2 CO₂e factors references- Argentina and India: International Energy Agency, “CO₂ Emissions from Fuel Combustion” (2011). China (electricity): “GHG Protocol: A Calculation Tool for GHG Emissions from Fuel Use” (2011). China (steam): stoichiometric conversion factor for coal from US Energy Information Administration, “Carbon Dioxide Emission Factors from Coal” (1994). US: US EPA eGrid by State (2012). UK: UK Department for Environment, Food and Rural Affairs (2012).

³The Livent HR team began tracking diversity metrics in 2019 and, in many instances, does not have historic data to share for 2018 and 2017, when Livent was a business unit of FMC Corporation. Diversity data covers only employees, not contractors.

⁴We define professional positions as non-manufacturing staff identified by Livent job classifications: Distribution, Engineering, Finance, Human Resources, Information Technology, Legal, Marketing, and Research and Development.

⁵We define operational positions as all manufacturing staff identified by Livent job classifications: Administrative, Communications, Customer Service, Health, Safety, Environment, Manufacturing Hourly, Manufacturing Management, Quality, Regulatory/Registration, Sales and Site Services.

⁶Safety data covers all Livent facilities (manufacturing and non-manufacturing). “Employees” include full-time and part-time Livent employees and embedded contract employees directly managed by a Livent employee.

⁷First aid refers to work-related injuries or illnesses for which the individual received basic medical attention on-site.

⁸Loss of Primary Containment Category 1 Event results in one of the following: fatality; permanent disabling injury; multiple lost time injuries; injury to offsite personnel; onsite damages greater than \$100,000; offsite damage greater than \$5,000; regulatory agency action (citation or order) with penalties greater than \$5,000; or two or more complaints to site management, media or to a community organization from offsite personnel.

⁹A Loss of Primary Containment Category 2 Event results in one or more of the following: Employee or contractor recordable injury; fire or explosion resulting in damage equal to or greater than \$25,000 USD of direct cost; any acute release of flammable, combustible or toxic chemicals greater than regulated chemical threshold quantities.

¹⁰A Loss of Primary Containment Category 3 Event refers to: any other event that does not meet the criteria of a LOPC Category 2 event. This includes any unplanned or unanticipated fire in a process area. In late 2019, the definition of “A Loss of Primary Containment Category 3 Event” expanded to include ALL leaks and releases, unlike in previous years when only leaks and releases above a minimum threshold were required to be reported.

¹¹Restated in US dollars for all years given the significant currency fluctuations in the Argentine peso.

¹²Restated in US dollars for all years given the significant currency fluctuations in the Argentine peso. Includes all (accruals-based) capital expenditures in Argentina, not just Catamarca, as was presented in Livent's 2019 Sustainability Report. The 2020 Capital Spend amount reflects Livent's decision in March 2020 to suspend all global expansion projects due to the COVID-19 pandemic and other industry factors.

¹³Restated in US dollars for all years given the significant currency fluctuations in the Argentine peso. The Salar del Hombre Muerto Trust Fund (“the Water Trust”) was established in 2015, in partnership with the Province of Catamarca, Argentina, and was amended in 2018. Livent contributes a portion of the revenues from our operations in Argentina to the Water Trust, which funds infrastructure projects for the benefit of the community in Catamarca. A committee made of representatives appointed by local government officials from Catamarca and Livent manages the Water Trust.

¹⁴In 2019, the following were also “independent directors” under NYSE Listed Company Manual Section 303A.02(b): four members of the Board, all members (including the Chairperson) of the Audit Committee, two members of each of the Compensation and Nominating Committees, and the Chairperson of the Sustainability Committee. As of March 1, 2020, all members (including the Chairpersons) of the Compensation and Nominating Committees membership are independent directors.

¹⁵Livent was a signatory/participant of the UN Global Compact as part of FMC Corporation through the first part of FY2019. In early FY2020, Livent became a participant of the United Nations Global Compact (UNGC) as an independent company.

DISCLOSURE REFERENCES



Güemes, Argentina

GRI Content Index

GRI 102-55

GRI Standard Title ¹	#	Disclosure Title	Location of Content	SASB ²	UNSDGs ³	TCFD ⁴
General Disclosures						
	102-1	Name of the organization	About Livent- Company Overview	–	–	–
	102-2	Activities, brands, products, and services	About Livent- Company Overview	–	–	–
	102-3	Location of headquarters	About Livent- Company Overview	–	–	–
	102-4	Location of operations	About Livent- Company Overview About Livent- Locations	EM-EP-000.B EM-EP-000.C	–	–
	102-5	Ownership and legal form	–	–	–	–
	102-6	Markets served	About Livent- Company Overview About Livent- Products & Markets Served	–	–	–
General Disclosures	102-7	Scale of the organization	About Livent- Company Overview	–	–	–
	102-8	Information on employees and other workers	About Livent- Company Overview	–	–	–
	102-9	Supply chain	About Livent- The Electric Vehicle/Battery Materials Supply Chain	–	–	–
	102-10	Significant changes to the organization and its supply chain	About Livent- Livent Strategy- Expansion Plan	–	–	–
	102-11	Precautionary Principle or approach	–	–	–	–
	102-12	External initiatives	–	–	–	–
	102-13	Membership in associations	Our Sustainability Program- Overview Our Sustainability Program- Initiative for Responsible Mining Assurance (IRMA)	–	–	–

GRI Standard Title ¹	#	Disclosure Title	Location of Content	SASB ²	UNSDGs ³	TCFD ⁴
	102-14	Statement from senior decision-maker	From Our CEO	–	–	Strategy
	102-16	Values, principles, standards, and norms of behavior	About Livent- Core Values	–	–	–
	102-18	Governance structure	Our Sustainability Program- Sustainability Program Governance Corporate Governance- Governance Structure	–	–	–
	102-40	List of stakeholder groups	Our Sustainability Program- Stakeholders	–	–	–
	102-41	Collective bargaining agreements	Social Responsibility- Human Rights & Responsible Sourcing	EM-MM-310a.1	–	–
	102-42	Identifying and selecting stakeholders	Our Sustainability Program- Stakeholders	–	–	–
	102-43	Approach to stakeholder engagement	Our Sustainability Program- Stakeholders	–	–	–
General Disclosures	102-44	Key topics and concerns raised	Our Sustainability Program- Materiality	–	–	–
	102-45	Entities included in the consolidated financial statements	Our Sustainability Program- Green Bond	–	–	–
	102-46	Defining report content and topic Boundaries	From Our CEO	–	–	–
	102-47	List of material topics	Our Sustainability Program- Materiality	–	–	–
	102-48	Restatements of information	–	–	–	–
	102-49	Changes of reporting	–	–	–	–
	102-50	Reporting period	–	–	–	–
	102-51	Date of most recent report	2019	–	–	–
	102-52	Reporting cycle	Annual	–	–	–
	102-53	Contact point for questions regarding the report	George.Thomas@livent.com	–	–	–

GRI Standard Title ¹	#	Disclosure Title	Location of Content	SASB ²	UNSDGs ³	TCFD ⁴
General Disclosures	102-54	Claims of reporting in accordance with the GRI Standards	Our Sustainability Program- Management Systems and Frameworks	–	–	–
	102-55	GRI content index	Disclosure Reference Tables / Indexes	–	–	–
	102-56	External assurance	Our Sustainability Program- Management Systems and Frameworks	–	–	–
Environmental						
Water Use	303-1	Interactions with water as a shared resource	New Goals- Building on Success, Raising the Bar (Environmental Impact) Environment- Sustainable Water Use Environment- Water Use	–	14	–
	303-2	Management of water discharge-related impacts	Environment- Water Use	–	14	–
	303-3	Water withdrawal	Environment- Water Use	TC-ES-140a.1 EM-MM-140a.1	–	–
	303-4	Water discharge	Environment- Water Use	–	14	–
	303-5	Water consumption	Environment- Water Use	TC-ES-140a.1 EM-MM-140a.1	–	–
Energy, Emissions & Climate Change	302-1	Energy consumption within the organization	New Goals- Building on Success, Raising the Bar (Environmental Impact)	TR-AP-130a.1 RT-EE-130a.1 EM-MM-130a.1	7	Metrics & Targets
	302-2	Energy consumption outside of the organization	About Livent- Product Impact & Climate Change	TR-AP-130a.1 RT-EE-130a.1 EM-MM-130a.1	7	Metrics & Targets
	302-3	Energy intensity	Environment- Energy Intensity Chart	–	7	Metrics & Targets

GRI Standard Title ¹	#	Disclosure Title	Location of Content	SASB ²	UNSDGs ³	TCFD ⁴
Energy, Emissions & Climate Change	302-4	Reduction of energy consumption	New Goals- Building on Success, Raising the Bar (Environmental Impact)	–	7	Risk Management
	302-5	Reductions in energy requirements of product services	About Livent- Product Impact & Climate Change	–	7	Risk Management
	305-1	Direct (Scope 1) GHG emissions	New Goals- Building on Success, Raising the Bar (Environmental Impact) Environment- CO ₂ e Footprint of Livent's Lithium Carbonate and Lithium Hydroxide Products	EM-MM-110a.1	13	Metric & Targets
	305-2	Energy indirect (Scope 2) GHG emissions	New Goals- Building on Success, Raising the Bar (Environmental Impact) Environment- CO ₂ e Footprint of Livent's Lithium Carbonate and Lithium Hydroxide Products	–	13	Metric & Targets
	305-3	Other indirect (Scope 3) GHG emissions	New Goals- Building on Success, Raising the Bar (Environmental Impact)	–	13	Metric & Targets
	305-4	GHG emissions intensity	New Goals- Building on Success, Raising the Bar (Environmental Impact)	–	13	Risk Management
	305-5	Reduction of GHG emissions	New Goals- Building on Success, Raising the Bar (Environmental Impact)	EM-MM-110a.2	13	Risk Management
	305-6	Emissions of ozone-depleting substances (ODS)	–	EM-MM-120a.1	13	Metric & Targets
	305-7	Nitrogen oxides (NO _x), sulfur oxides (SO _x), and other significant air emissions	–	EM-MM-120a.1	13	Metric & Targets
	Effluents & Waste	306-1	Water discharge by quality and destination	Environment- Extraction Process	–	12
306-2		Waste by type and disposal method	Environment-Waste Disposed Intensity Chart	TC-ES-150a.1	12	–
306-3		Significant spills	Social Responsibility- Occupational Health & Safety	RT-EE-150a.2	14	–
306-4		Transport of hazardous waste	–	TR-AP-150a.1 RT-EE-150a.1	12	–

GRI Standard Title ¹	#	Disclosure Title	Location of Content	SASB ²	UNSDGs ³	TCFD ⁴
Effluents & Waste	306-5	Water bodies affected by water discharge and/or runoff	Environment- Extraction Process	–	14	–
Product Lifecycle Impact	–	–	–	–	–	–
Social						
			Our Sustainability Program- Management Systems and Frameworks			
	403-1	Occupational health and safety management system	Social Responsibility- Occupational Health & Safety New Goals- Building on Success, Raising the Bar (Social Responsibility, Transparency)	–	–	–
	403-2	Hazard identification, risk assessment, and incident investigation	Social Responsibility- Occupational Health & Safety	–	–	–
	403-3	Occupational health services	Social Responsibility- COVID-19 Pandemic Response and Business Continuity	–	–	–
Occupational Health & Safety	403-4	Worker participation, consultation, and communication on occupational health and safety	Social Responsibility- Occupational Health & Safety	–	–	–
	403-6	Promotion of worker health	Social Responsibility- Occupational Health & Safety	–	–	–
	403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	Social Responsibility- Human Rights & Responsible Sourcing	–	–	–
	403-8	Workers covered by occupational health and safety management system	Social Responsibility- Occupational Health & Safety	–	–	–
	403-9	Work-related injuries	Social Responsibility- Occupational Health & Safety	TC-ES-320a.1	–	–
	403-10	Work-related ill health	Social Responsibility- Occupational Health & Safety	TC-ES-320a.1	–	–
Indigenous Peoples & Community Impact	411-1	Incidents of violations involving rights of indigenous peoples	Social Responsibility- Community Involvement and Development (“Estamos Con Vos”)	EM-MM-210a.3 EM-MM-210b.1	10	–

GRI Standard Title ¹	#	Disclosure Title	Location of Content	SASB ²	UNSDGs ³	TCFD ⁴
Diversity & Inclusion	405-1	Diversity of governance bodies and employees	Social Responsibility- Diversity Equity & Inclusion	–	5	–
	405-1	Ratio of basic salary and remuneration of women to men	–	–	5	–
Human Rights	412-1	Operations that have been subject to human rights reviews or impact assessments	Social Responsibility- Human Rights & Responsible Sourcing	–	16	–
	412-2	Employee training on human rights policies or procedures	Our Sustainability Program- Overview Social Responsibility- Human Rights & Responsible Sourcing	–	16	–
	412-3	Significant investment agreements and contracts that include human rights clauses or underwent human rights screening	Social Responsibility- Human Rights & Responsible Sourcing	–	16	–
Governance						
Ethics & Compliance	205-1	Operations assessed for risks related to corruption	Our Sustainability Program- Overview	–	–	–
	205-2	Communication and training about anti-corruption policies and procedures	Corporate Governance- Code of Ethics and Business Conduct	RT-EE-510a.1	–	–
	205-3	Confirmed incidents of corruption and actions taken	–	–	–	–
	206-1	Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	Our Sustainability Program- Overview Corporate Governance- Grievance and Reporting Mechanisms	–	–	–

¹GRI = Global Reporting Initiative²SASB = Sustainability Accounting Standards Board³UNSDG = The United Nations Sustainable Development Goals⁴TCFD = Task Force on Climate-related Financial Disclosures

Livent ISO 26000 Index

Core Subjects ¹	Issues of Social Responsibility	Livent Policies, Procedures or Actions
6.2 Organizational Governance		<p>Sustainability Committee Charter</p> <p>Audit Committee Charter</p> <p>Livent Ethics Response Lines and Communicating with the Board of Directors</p> <p>Statement of Governance Principles, Policies, and Procedures</p> <p>Livent's Transparency goals are part of our new Sustainability Goals</p> <p>Corporate Governance Guidelines</p> <p>Third-party assurance of Livent's 2020 sustainability data and data collection methodology</p> <p>All Livent sites are have certifications for management systems: ISO 45001 (Occupational Health & Safety), ISO 9001 (Quality Management), and ISO 14001 (Environmental Management)</p> <p>Livent has a Global Risk Standard that includes the company risk matrix (applicable to process safety, occupational safety, and environmental safety)</p> <p>Livent's plants will also be IATF 16949 certified by Nov. 2021</p>
	Issue 1: Decision-making processes and structures	

Core Subjects ¹	Issues of Social Responsibility	Livent Policies, Procedures or Actions
6.3 Human Rights	Issue 1: Due diligence	Livent Annual Sustainability Report
	Issue 2: Human rights risk situations	Livent Policy on Human Rights
	Issue 3: Avoidance of complicity	Livent Code of Ethics and Business Conduct
	Issue 4: Resolving grievances	Livent Conflict Mineral Policy
	Issue 5: Discrimination and vulnerable groups	Livent Ethics Response Lines and Communicating with the Board of Directors
	Issue 6: Civil and political rights	Political Contributions Policy
	Issue 7: Economic, social and cultural rights	Livent Statement on CA Transparency Act
	Issue 8: Fundamental principles and rights at work	Sustainability Committee
		Supplier Code of Conduct
		UK Modern Slavery Act Statement
		Membership in UN Global Compact and commitment to UN Sustainable Development Goals
		Livent's Social Responsibility goals are a part of Livent's New Sustainability Goals
		Livent began the IRMA self-assessment process in February of 2021 and will commence independent third-party verification of our mining operations in Argentina by March 2022.

Core Subjects ¹	Issues of Social Responsibility	Livent Policies, Procedures or Actions
<p>6.4 Labor Practices</p>	<p>Issue 1: Employment and employment relationships</p> <p>Issue 2: Conditions of work and social protection</p> <p>Issue 3: Social dialogue</p> <p>Issue 4: Health and safety at work</p> <p>Issue 5: Human development and training in the workplace</p>	<p>Livent Annual Sustainability Report</p> <p>Compensation and Organization Committee Charter</p> <p>Livent Code of Ethics and Business Conduct</p> <p>Livent Ethics Response Lines and Communicating with the Board of Directors</p> <p>Sustainability Committee Charter</p> <p>Supplier Code of Conduct</p> <p>Global EHS Policy</p> <p>Bessemer City EHS Policy, Vision, and Principles</p> <p>All of Livent's sites have certifications for ISO 45001 (Occupational Health and Safety)</p> <p>Membership in UN Global Compact and commitment to UN Sustainable Development Goals</p> <p>Livent's Social Responsibility goals (with a focus on EHS) are a part of Livent's new Sustainability Goals</p> <p>Each Livent site has an Emergency Response Plan that is shared with Local Emergency Response organizations.</p> <p>Each Livent site utilizes the Risk Assessment tool (or equivalent) to record and track incident reports as part of the Electronic EHS Information Management System (Cority)</p> <p>Livent began the IRMA self-assessment process in February of 2021 and will commence independent third-party verification of our mining operations in Argentina by March 2022.</p> <p>Livent established Diversity Equity & Inclusion (DE&I) Committee with goals to: aspire to a level of diversity among our employees that reflects the geographies where Livent operates, maintain compensation processes that promote pay equity, and cultivate an inclusive work environment.</p>

Core Subjects ¹	Issues of Social Responsibility	Livent Policies, Procedures or Actions
<p>6.5 The Environment</p>	<p>Issue 1: Prevention of pollution</p> <p>Issue 2: Sustainable resource use</p> <p>Issue 3: Climate change mitigation and adaptation</p> <p>Issue 4: Protection of the environment, biodiversity, ad restoration of natural habitats</p>	<p>Livent Annual Sustainability Report</p> <p>Livent Climate Change Statement</p> <p>Livent Conflict Mineral Policy</p> <p>Sustainability Committee</p> <p>Supplier Code of Conduct</p> <p>Global EHS Policy</p> <p>Bessemer City EHS Policy, Vision, and Principles</p> <p>All of Livent's sites have certifications for ISO 14001 (Environmental)</p> <p>Livent's Supplier Sustainability Policy</p> <p>As publicly announced in March 2021 by BMW, Livent is participating in scientific water study commissioned by BMW Group and BASF.</p> <p>Membership in UN Global Compact and commitment to UN Sustainable Development Goals</p> <p>Livent's Environmental Impact goals are a part of Livent's New Sustainability Goals</p> <p>Membership the ZETA, the Zero Emission Transportation Association</p> <p>Livent works with hydrogeologists and researchers to create Salar models for monitoring water/brine health and biodiversity.</p> <p>Livent began the IRMA self-assessment process in February of 2021 and will commence independent third-party verification of our mining operations in Argentina by March 2022.</p> <p>Livent maintains a commitment to adhere to all local regulations in procuring the appropriate environmental permits to support our operations.</p>

Core Subjects ¹	Issues of Social Responsibility	Livent Policies, Procedures or Actions
6.6 Fair Operating Practices	Issue 1: Anti-corruption	Livent Code of Ethics and Business Conduct
	Issue 2: Responsible political involvement	CTPAT Statement of Support
	Issue 3: Fair competition	Political Contributions Policy
	Issue 4: Promoting social responsibility in the value chain	Sustainability Committee
	Issue 5: Respect for property rights	UK Tax Strategy Statement 2018
		Corporate Disclosure Policy
		Membership in UN Global Compact and commitment to UN Sustainable Development Goals
		Livent's New Sustainability Goals
		Livent began the IRMA self-assessment process in February of 2021 and will commence independent third-party verification of our mining operations in Argentina by March 2022.



Core Subjects ¹	Issues of Social Responsibility	Livent Policies, Procedures or Actions
6.7 Consumer Issues	Issue 1: Anti-corruption	Livent Annual Sustainability Report
	Issue 2: Responsible political involvement	Safe Handling Guides for every step in our process
	Issue 3: Fair competition	Product data sheets and safety data sheets
	Issue 4: Promoting social responsibility in the value chain	Livent Ethics Response Lines and Communicating with the Board of Directors
	Issue 5: Respect for property rights	Livent Policy on Animal Welfare
		Livent Statement on CA Transparency Act
		Global EHS Policy
		Bessemer City EHS Policy, Vision, and Principles
		Corporate Disclosure Policy
		100% EV Sales by 2030- ZETA
		Livent R&D and Analytical Labs
		All of Livent's sites have certifications for ISO 9001 (Quality Management)
		As a part of Livent's Global Crisis Management Plan, Livent has a hotline for incident reporting and response management, supported by the Global Crisis Management team.
		Livent recently updated our Product Stewardship Program
		Livent creates Globally Harmonized Safety Data Sheets and Product Safety labels, and Livent provides extended safety data sheets for our products which focus on consumer and environmental protections.
		Livent's plants will also be IATF 16949 certified by Nov. 2021

Core Subjects ¹	Issues of Social Responsibility	Livent Policies, Procedures or Actions
6.8 Community Involvement and Development	Issue 1: Community involvement	Livent Annual Sustainability Report
	Issue 2: Education and culture	Livent's Social Responsibility goals are a part of Livent's New Sustainability Goals
	Issue 3: Employment creation and skills development	Livent has also been a member of the UN Global Compact since April 2020 and has pledged to support the UN's sustainable development goals. This includes community development through philanthropic giving, employee volunteerism, infrastructure development, community outreach and local capacity building.
	Issue 4: Technology development and access	Livent hosts community dialogue roundtables facilitated by Economia Foundation , an affiliate of the United Nations
	Issue 5: Wealth and income creation	
	Issue 6: Health	
	Issue 7: Social investment	

¹The figures denote the corresponding [clause numbers in ISO 26000](#).



INDEPENDENT AUDITORS' ASSURANCE LETTER



Independent Assurance Statement to Livent Corporation

ERM Certification and Verification Services (ERM CVS) was engaged by Livent Corporation ('Livent') to provide limited assurance in relation to the information set out below and presented in Livent's 2020 Sustainability Report.

Engagement summary	
Scope of our assurance engagement	Whether the consolidated corporate 2020 (January 1, 2020 – December 31, 2020) data for the following selected indicators are fairly presented, in all material respects, in accordance with the reporting criteria and definitions:
	<u>Environmental Indicators</u> <ul style="list-style-type: none"> • Scope 1 GHG Emissions (from direct energy use) [tonnes CO2e] • Scope 2 GHG Emissions (location-based methodology) [tonnes CO2e] • Total GHG Emissions [tonnes CO2e] • GHG Intensity [tonnes CO2e/Product tonne produced] • Total Energy Consumption [GJ] • Energy Intensity [GJ/Product tonne produced] • Total Water [m3] • Water Intensity [m3/Product tonne produced] • Total Waste Disposed [kg] • Waste Disposed Intensity [kg/Product tonne produced]
	<u>Safety Indicators</u> <ul style="list-style-type: none"> • Recordable injury/illness Rate (# of injuries/illnesses per 200,000 hours)
	<u>Social Indicators</u> <ul style="list-style-type: none"> • Total Employees (#) • Total Professional Employees (#) • Total Operations Employees (#) • Total Executives (#) • Total Board of Directors (# in 2021) • Workforce – Women (%) and Men (%) • Professional Positions – Women (%) and Men (%) • Operations Positions – Women (%) and Men (%) • Executive Positions – Women (%) and Men (%) • Board of Directors % Female in 2020 and in 2021
	Reporting criteria
Assurance standard	ERM CVS' assurance methodology, based on the International Standard on Assurance Engagements ISAE 3000 (Revised).
Assurance level	Limited assurance.
Respective responsibilities	Livent is responsible for preparing the Report and for the collection and presentation of the information within it. ERM CVS' responsibility is to provide conclusions on the agreed scope based on the assurance activities performed and exercising our professional judgement.

Emphasis of Matter

Without affecting our conclusion, which is not modified, we draw attention to the explanatory notes provided by Livent relating to the GHG data in the 2020 Sustainability Report, in particular the limitations relating to the data for the Scope 1 and Scope 2 GHG emissions, which should be read in conjunction with the data.

Our conclusions

Based on our activities, as described below, nothing has come to our attention to indicate that the 2020 data and related explanatory notes for the environmental indicators under 'Scope' above are not fairly presented, in all material respects, with the reporting criteria.

Our assurance activities

Our objective was to assess whether the assured emission data are reported in accordance with the principles of completeness, comparability (across the organisation) and accuracy (including calculations, use of appropriate conversion factors and consolidation).

We planned and performed our work to obtain all the information and explanations that we believe were necessary to provide a basis for our assurance conclusions. We applied a 5% material error threshold.

A multi-disciplinary team of EHS and assurance specialists performed the following activities:

- Interviews with relevant staff to understand and evaluate the relevant management systems and processes (including internal review processes) used for collecting and reporting the selected indicators.
- 'Virtual' visits to two sites (Bessemer City, USA; Salar del Hombre Muerto, Argentina) to interview relevant staff, discuss the reported site level data and collect/review underlying documentary evidence.
- An analytical review of the data and a check on the completeness and accuracy of the corporate data consolidation, including conversion factors and emission factors used.
- A review at corporate level of a sample of qualitative and quantitative evidence supporting the reported information.
- Reviewing the presentation of information relevant to the scope of our work in the Report to ensure consistency with our findings.

The limitations of our engagement

Due to travel restrictions relating to COVID-19, our assurance activities consisted of desktop reviews of data and related information, and virtual meetings and interviews with Livent personnel.

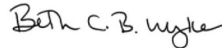
The reliability of the assured data is subject to inherent uncertainties, given the available methods for determining, calculating or estimating the underlying information. It is important to understand our assurance conclusions in this context.

Production data was not a part of the scope of the assurance engagement itself; rather, ERM CVS placed reliance on the accuracy and completeness of the production data, which was then used to assure the intensity figures.

Our Observation

We provide Livent with a separate Management Report with our detailed (non-material) findings and recommendations. Without affecting the conclusions presented above, we have the following key observation:

- Continue to develop and refine internal guidance documentation with indicator definitions, methodologies, and consolidation boundaries, which are sufficiently detailed to produce reliable and consistent data across all sites and over time.



Beth C. B. Wyke
Global Head of Corporate Assurance
14 June 2021

ERM Certification and Verification Services, London
www.ermcvs.com Email: post@ermcvs.com



ERM CVS is a member of the ERM Group. The work that ERM CVS conducts for clients is solely related to independent assurance activities and auditor training. Our processes are designed and implemented to ensure that the work we undertake with clients is free from bias and conflict of interest. ERM CVS and the staff that have undertaken work on this assurance exercise provide no consultancy related services to Livent in any respect.

