Rio Tinto

in the United States

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United States

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RioTinto

RioTinto

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Welcome

A message from the CEO

For more than 150 years, Rio Tinto has been proud to produce and supply the critical materials that power American industry. That mission has never been more important. America's manufacturing strength, technological leadership, and national security depend on resilient, secure supplies of minerals such as copper, lithium, and aluminum.

Simon Trott
Rio Tinto
Chief Executive

These materials are the backbone of advanced manufacturing, AI infrastructure, and the data centers that will drive the digital economy. Without them, the technologies shaping the future – from artificial intelligence and quantum computing to next-generation defense systems – cannot scale. We are investing for that future.

At Rio Tinto, we are focused on finding better ways to produce the metals and minerals the world needs. Over the past decade, Rio Tinto has invested billions of dollars in the United States, and we plan to do more: creating and supporting thousands of jobs, expanding domestic production, and reducing reliance on imports.

Our operational footprint includes several strategic assets. In Utah, our **Kennecott** operation – producing copper, gold, and silver – has been in continuous operation for over 120 years. It includes one of only two copper smelters in the United States, making it critical to domestic refining capacity. Kennecott is also one of only two domestic producers of tellurium, a critical mineral used in solar panels, supporting America's energy security.

In Arizona, **Resolution Copper** contains a resource base rich in copper as well as rhenium, indium, tellurium, and bismuth – minerals facing increasing domestic supply constraints. When permitted and developed to the highest standards, Resolution Copper can help secure U.S. copper supply for decades, create thousands of high-value jobs, and serve as an engine of regional growth while operating safely and sustainably.

In California, **U.S. Borax** in Boron operates one of the richest borate deposits in the world and produces roughly 30% of the world's refined borates. These materials are essential to agriculture, defense, glass manufacturing, wood protection, and fiberglass insulation. With more than 150 years of history, U.S. Borax is a trusted American industrial brand.

We are also strengthening domestic aluminum and lithium supply chains in the United States. Through our **Matalco joint venture**, we supply essential aluminum products from facilities in Indiana, Ohio, Kentucky, and Wisconsin.

In North Carolina, the **Bessemer lithium hydroxide facility** – added through our $6.7 billion acquisition of Arcadium Lithium – brings state-of-the-art sustainability features, including advanced water recycling and energy-efficient processing, to deliver a resilient domestic supply of high-purity, battery-grade lithium hydroxide. Significantly, the facility is the largest producer of lithium metal in the Western Hemisphere.

Innovation is also central to our approach. We are advancing **Nuton™**, a cutting-edge bio-heap leaching technology designed to unlock copper sulfides – the most abundant copper resource on the planet – more efficiently and with a smaller environmental footprint. We are collaborating with site owners at approximately a dozen locations, including three historic mines in Arizona and Nevada, to evaluate Nuton's potential in real-world settings.

While the U.S. mines and processes significant volumes of metals and minerals, the country remains import-reliant for many, including aluminum, copper, scandium, tellurium, and titanium. Strengthening America's manufacturing base, energy independence, and security will require more of these materials.

This is not a task for any one company or any one country. It will take partnership between government and industry – and across nations – to build secure, sustainable supply chains.

Looking ahead, our ambition is clear: to find better ways to provide the critical materials needed to support the U.S. economy, strengthen its manufacturing base, and deliver jobs and benefits to thousands of Americans.

Welcome

A message from the Copper CEO

At Rio Tinto, we are focused on finding better ways to produce the metals and minerals the world needs. Over the past decade, we have invested billions of dollars in the U.S., creating and supporting thousands of jobs and increasing capacity for critical minerals production for domestic consumption.

Katie Jackson
Rio Tinto Copper Chief Executive & U.S. country head

Bolstering the domestic supply chain is critically important, and we are working closely with the U.S. Government to identify and compete for opportunities to increase production for the domestic market.

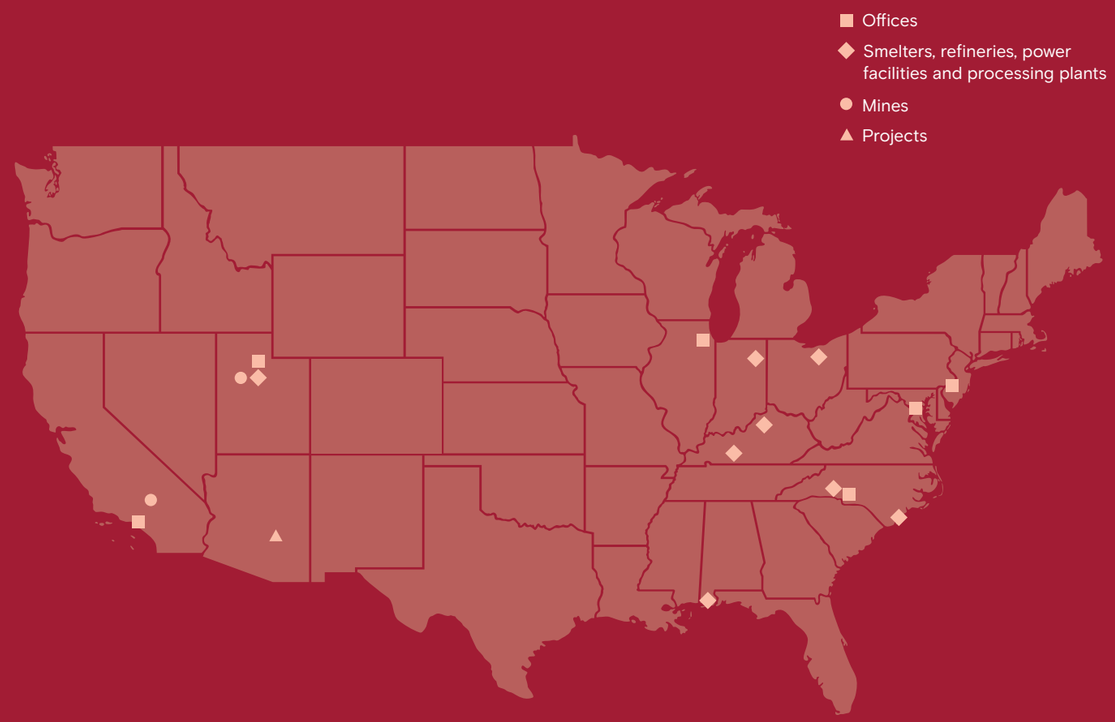
Our operational footprint in the United States spans eight states, employs a workforce of approximately 5,000 people, and produces a host of critical minerals including copper, lithium, aluminum, tellurium, gold, silver, borates, and molybdenum. With a history stretching back more than 150 years in the United States, we are well positioned to deliver the critical materials needed to enable this great nation to continue to thrive.

Looking ahead, we are committed to advancing innovation and sustainability across our operations. From deploying low-carbon technologies to investing in renewable energy solutions, we are working to reduce our environmental footprint while meeting growing demand for responsibly sourced materials.

These efforts not only strengthen U.S. manufacturing and energy security but also support the transition to a more resilient economy.

Through strong partnerships with local communities, industry leaders, and government agencies, we strive to deliver lasting value and ensure the positive impacts of our operations are shared widely.

Rio Tinto
in the U.S.



Rio Tinto USA
At a glance

4,600+
Employees in the U.S.

15
Diverse metals and materials produced

5
Office locations

About
Rio Tinto

Rio Tinto is a global mining and metals company founded in 1873. Our origins lie in our namesake, the Rio Tinto or red river mines in Huelva, southern Spain.

Today, we operate in 35 countries where our 60,000 employees are working to find better ways to provide the materials the world needs—and to support our customers in building resilient, sustainable supply chains. In the U.S. alone, approximately 4,600 employees support our operations across multiple sites—from historic mines to modern processing facilities ensuring a steady supply of essential materials for domestic growth and the energy transition.

Our portfolio includes iron ore, copper, aluminum, lithium, boron, and other materials needed for people, communities, and nations to grow and prosper, and for the world to cut carbon emissions to net zero.

We have been mining for more than 150 years, and we continue to build on a history and knowledge that span generations and continents.

Our business relies on technology such as automation and artificial intelligence to help us run safer, more efficient operations and leave a lighter footprint, and deliver lasting value to our partners and customers.

Our values guide how we work together and how we treat each other, the communities we operate in, and our environment.

Care

We act with care by prioritizing the physical and emotional safety and wellbeing of those around us.

We respect others, build trusting relationships, and consider the impact of our actions. We look for ways to contribute to a better future for our people, communities and the planet.

Courage

We act with courage by showing integrity, speaking up when something is not right and taking decisive action when needed.

We are not afraid to try new things.

We respond positively in difficult situations and demonstrate commitment to achieving shared goals.

Curiosity

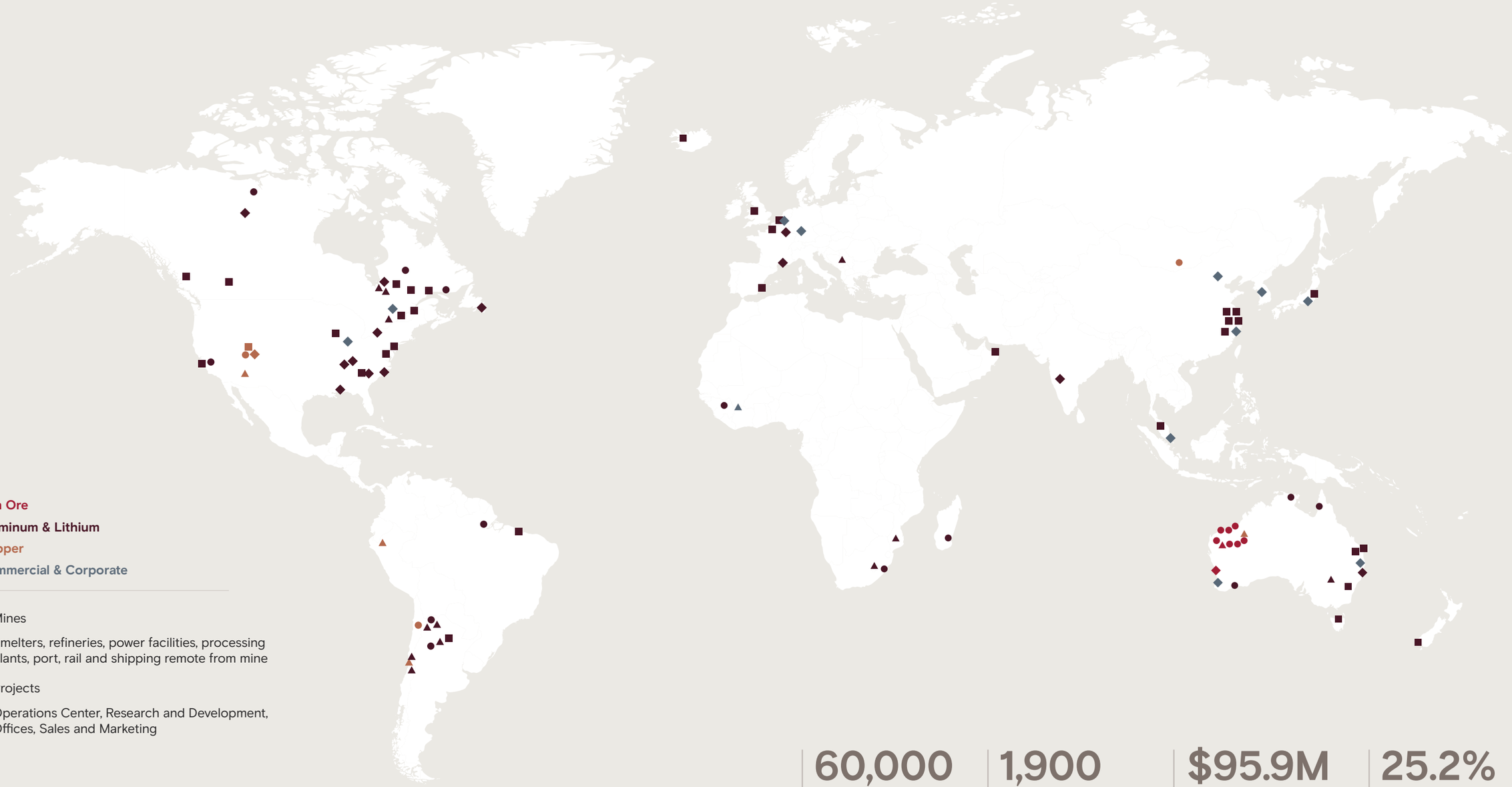
We act with curiosity by inviting diverse ideas and collaborating to achieve more together than can be done alone.

We are continuously learning and developing ourselves, and looking for better and safer ways of doing things.

We draw inspiration from others and the world around us.

Rio Tinto operations

Around the world



Iron Ore

Aluminum & Lithium

Copper

Commercial & Corporate

- Mines
- Smelters, refineries, power facilities, processing plants, port, rail and shipping remote from mine
- Projects
- Operations Center, Research and Development, Offices, Sales and Marketing

60,000
Employees across six continents

1,900
Customers across multiple industries and over 90 countries

$95.9M
Voluntary social investment in 2023

25.2%
Women in our workforce

A sustainable future

For more than 150 years, we have been entrusted with accessing the world's essential materials and making them available for society's use.

These resources are finite, and as temporary custodians of the land where we operate, we have a responsibility to extract the full value from the minerals and materials we produce in the safest and most sustainable way possible.

Our approach to sustainability is guided by our purpose: finding better ways to provide the materials the world needs. Our shareholders, employees and host governments expect us to find ways to lower our impact, decarbonize our operations and increase circularity, while contributing to a lasting legacy for the host communities and countries where we operate.

To that end, we have built an industry-leading technology and R&D organization, and we're partnering with universities, governments, other companies and start-ups to test, develop and accelerate technology that can support our strategy. We're using new technologies, data science, machine learning and artificial intelligence across our business to push the frontier of innovation and continue to improve emissions and sustainable practices.

We also are committed to investing in our recycled solutions, which allow us to create products with the same consistent quality while improving our carbon emissions. Reusing and recycling enables us to keep our critical mineral supply chains strong and limit waste at the same time.

We have a big role to play in the world's transition to a low-carbon future – the materials we produce, including copper, lithium, aluminum and high-quality iron ore, are essential in many low-carbon technologies. In an era of rapid population growth and urbanization, we are committed to strengthening supply chains to ensure energy security and maintain affordability.

We know that responsibly managing our business impacts is fundamental as we continue to grow and deliver on our strategy in the U.S.

Kennecott

Salt Lake City, Utah

1903
Kennecott established

One of two
Active copper smelters in the U.S.

2,000+
Workers employed

Production
of copper, gold, silver, molybdenum, tellurium

Our Kennecott mine has been in operation for over 120 years, producing copper and other critical minerals in Salt Lake City, Utah, with an added concentrator, smelter, refinery and tailings storage facility.

We directly employ more than 2,000 people in Salt Lake City, and Kennecott indirectly supports a further 14,000 jobs nationwide. We also contribute about $1.5 billion annually to the local Utah economy, including wages, benefits, and taxes as well as purchases from nearly 1,000 Utah-based businesses.

Kennecott produces a significant amount of U.S. copper, and also operates one of only two remaining copper smelters and refineries in the U.S., uniquely positioning Rio Tinto as a leading domestic copper producer for many years to come.

Copper is fundamental to building a stronger America. You simply cannot power America without copper:

- Every power plant—from traditional to renewable energy—depends on copper to generate and distribute electricity that powers American homes and businesses
- Each mile of transmission line alone requires 6 tons of copper
- Without reliable copper supply, American factories cannot operate—every manufacturing facility depends on copper for its electrical systems, equipment and daily operations
- Demand for copper in digital infrastructure is expected to ramp up as the world creates and consumes massive amounts of data, enabled by copper-hungry data centers
- A secure domestic copper supply strengthens America's manufacturing capability and supports energy independence and security

We have committed to sustainable partnerships and advocacy for state and local clean air initiatives, responsible mining, the proliferation of clean water and natural resources and the wellbeing of our surrounding communities. Our efforts to protect species and community members around our operations earned us the first Copper Mark from the International Copper Association and the Molybdenum Mark Award.

In 2022, Kennecott became one of only two U.S. producers of tellurium, a critical mineral that, along with copper, is vital for photovoltaic solar panels. Moreover, in our commitment to sustainable mining practices, Kennecott has recently transitioned its heavy machinery to renewable diesel, significantly reducing carbon emissions and reinforcing our leadership in environmentally responsible operations.

U.S. Borax

Boron, California

U.S. Borax, located in Boron California, operates one of the richest borate deposits in the world. The mine produces approximately 30% of the world's refined borates, which are essential across various industries, including agriculture, glass manufacturing, wood protection and fiberglass insulation.

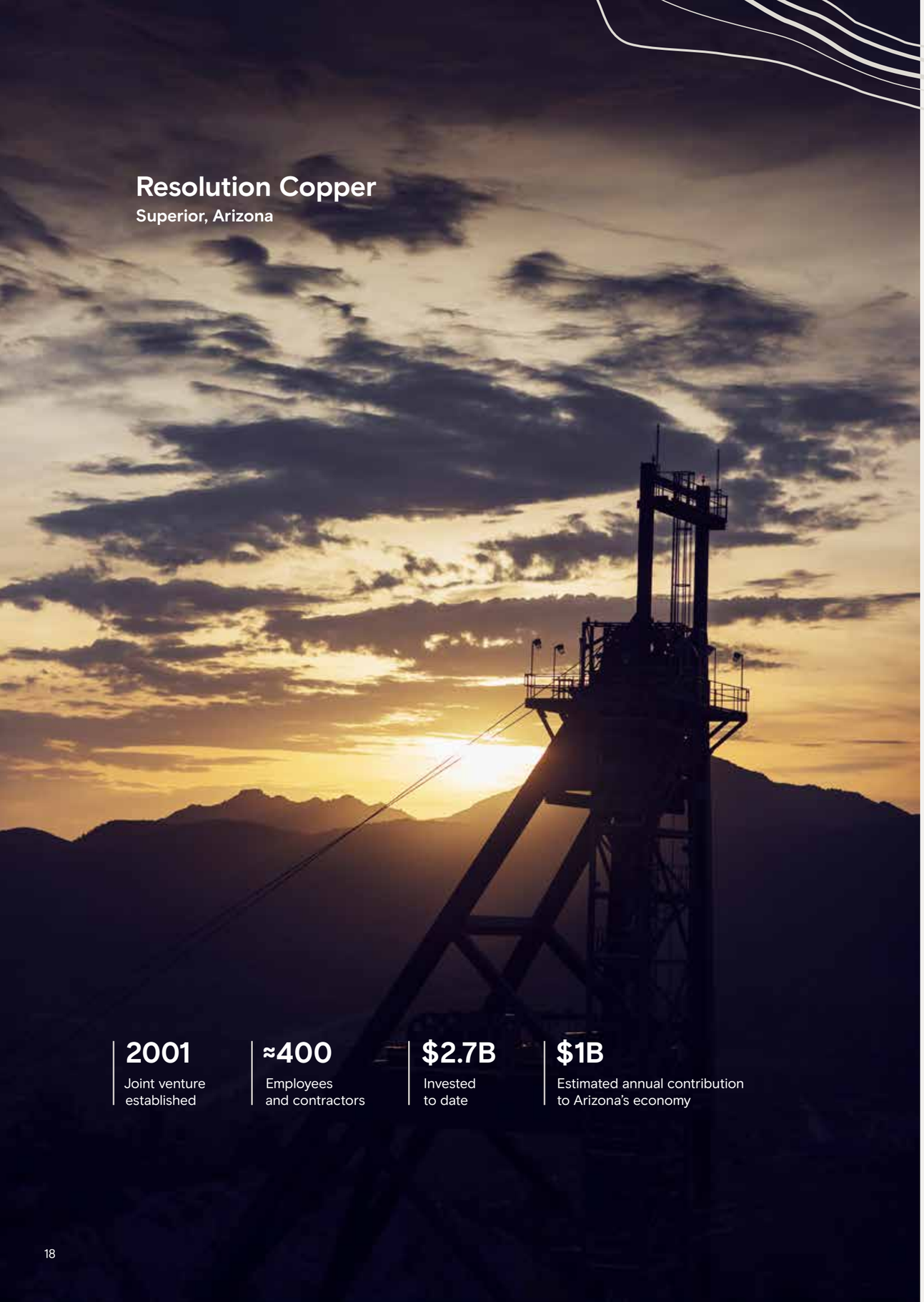
Borates play a crucial role in strengthening glass and ceramics, improving crop yields, and providing fire resistance in construction materials. They are also key in energy storage and high-performance applications due to their heat-resistant and chemical stabilizing properties. In addition to these traditional uses, borates are essential to advanced technologies—serving as a doping agent in semiconductors to modify the conductivity of silicon and germanium, enabling fiber optic glass production for high-speed data transmission, and supporting nuclear applications through boron-10, which is used in control rods, radiation shielding, and neutron detectors. U.S. Borax is also researching new materials like amorphous boron, ferroboron, and boron carbide, which are pivotal for defense systems and emerging energy solutions.

Our roots stretch from Nevada through Death Valley where the first 20 mule team hauled borax a sweeping 165 miles through the Mojave Desert.

The Wilmington facility, located at the Port of Los Angeles, has been a cornerstone of U.S. Borax's shipping operations since 1924. This key hub processes and ships over 36,000 tons of packaged goods and more than 300,000 tons of bulk borates annually to customers in Europe, Asia and South America. By ensuring a reliable supply chain, the facility plays a crucial role in meeting global demand for refined borates.

U.S. Borax is also leveraging its land strategy to foster a hub for innovation and industrial integration. Located near Edwards Air Force Base, the facility offers strategic advantages for advancing industries critical to the future of energy and security. A planned industrial park will create an ecosystem that supports the growth of helpful sectors like hydrogen production, low-carbon cement, and defense commodities. This comprehensive integration will position Boron, CA as a central player in the development of sustainable and technologically advanced industries.

U.S. Borax is committed to minimizing its environmental impact while enhancing productivity and safety. The company was the first open pit mine to transition all its heavy machinery to renewable diesel, potentially reducing CO2 emissions by up to 45,000 tons per year. This is equivalent to eliminating the emissions of around 9,600 cars annually. Additionally, we implemented significant water conservation efforts, recycling millions of gallons of water in Southern California's arid climate. We will partner with CR Minerals to recycle waste materials into pozzolans, which will provide a sustainable alternative to cement in concrete production.



Resolution Copper

Superior, Arizona

2001
Joint venture established

≈400
Employees and contractors

$2.7B
Invested to date

$1B
Estimated annual contribution to Arizona's economy

In 2001, we entered into a joint venture with BHP to explore and mine at Resolution Copper–a nearly 2-billion-ton copper deposit located in Superior, Arizona. This enormous resource base can support demand for copper and other critical minerals in the U.S. for decades to come.

We are encouraged by the significant community support for the project, which has the potential to become one of America's biggest copper mines, adding $1 billion a year to Arizona's economy, and creating thousands of local jobs in Arizona's Copper Triangle where mining has played an important role for more than a century.

Resolution Copper will be one of the largest and most technologically advanced underground copper operations in North America. Over the past two decades, we have installed modern technologies to serve as a model in water stewardship and sustainable mining.

Resolution Copper has also been shaped by a rigorous, transparent and multi-year federal permitting process, which has included years of public consultation and extensive engagement with Native American tribes in the region. As part of this process, we are progressing partnerships with local Tribes and continue to seek and build relationships with all 11 distinct Native American Tribes with traditional ties to the land where the project sits.

We have also funded a first-of-its-kind Tribal Monitor program for the U.S. Forest Service to ensure Tribal members are part of the informed decision-making process to identify areas, resources and sites of importance. As a result of this program, we have made significant changes to the project, including reducing the land exchange area requested and setting aside more than 800 acres of land to permanently protect Apache Leap.

Resolution Copper will create thousands of high value jobs for local people and be an engine for economic growth. We remain focused on securing the necessary permits and engaging in meaningful dialogue with Native American communities and local communities, ensuring the project moves forward responsibly, sustainably, and with respect for the values of the region.

Bessemer City

Bessemer City, North Carolina

Our Bessemer City site is the largest producer of lithium hydroxide and butyllithium across the US/North American lithium industry.

For the past several decades, lithium hydroxide from this site has been used for lubricating greases and applications such as construction, dyes, pharmaceuticals, personal care, polymers, water treatment, among others. Over the past couple of decades, cathode active material for higher energy density lithium-ion batteries—not only for passenger electric vehicles, but also for other forms of electric transportation and for power tools—became the largest use of lithium hydroxide.

Butyllithium has been used for sytrenic block copolymers having applications such as adhesives, asphalt paving and roofing, consumer durables and non-durables, low-rolling resistance tires for electric and internal combustion engine vehicles and a wide range of automobile components. In addition to polymer applications in healthcare, butyllithium also has applications in a wide range of agrochemicals, food additives, and pharmaceuticals.

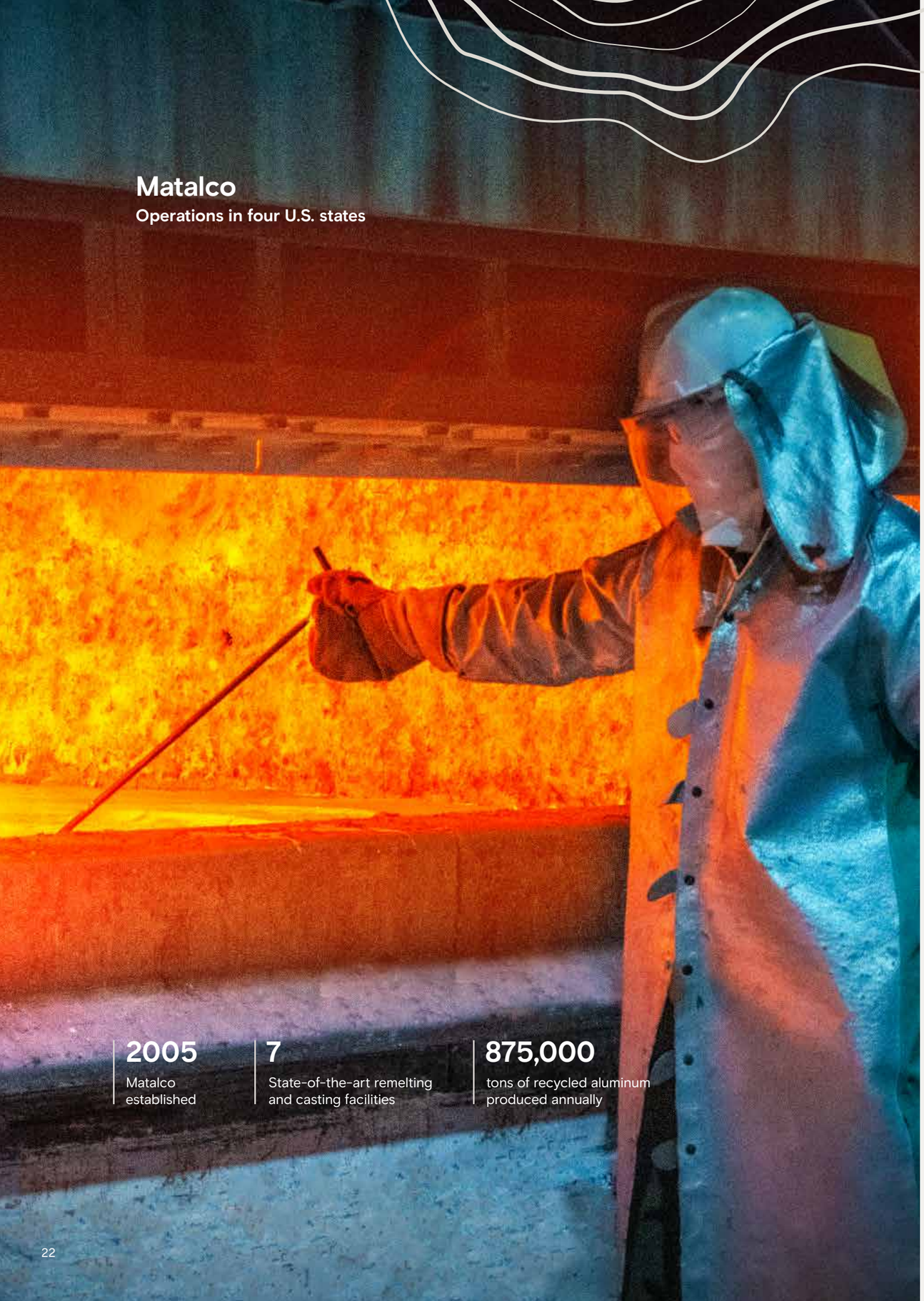
Our lithium metal operations in Bessemer City using lithium chloride feedstock from Argentina are the only integrated mine-to-metal operations in the Western Hemisphere. High-purity lithium metal has been used for non-rechargeable batteries for civilian and defense applications. High-purity metal is also used in aerospace, energy, and medical applications.

Our Bessemer City site is one of very few producers of pharmaceutical-grade lithium carbonate, a key ingredient of pharmaceuticals used as a mood stabilizer.

2025
Acquisition of Arcadium

$6.7B
Acquisition value

DLE
Proven expertise in direct lithium extraction technology



Matalco

Operations in four U.S. states

2005
Matalco established

7
State-of-the-art remelting and casting facilities

875,000
tons of recycled aluminum produced annually

In 2023, we entered a joint venture with the Giampaolo Group to advance domestic, low-carbon aluminum production across North America. As part of this $700 million investment—approved by the Committee on Foreign Investment in the United States (CFIUS)—we acquired a stake in Matalco Inc., the largest aluminum recycler in North America. The venture reflects Rio Tinto's strategic commitment to enhancing U.S. supply chain resilience and building out circular, low-emissions infrastructure to support the energy transition.

Matalco operates six recycling and billet-casting facilities across the U.S. and Canada, with U.S. operations in Ohio, Indiana, Kentucky, Michigan, and Wisconsin, and a strong presence in Ontario. With up to 800,000 tons per year of re-melt capacity, Matalco dramatically expands our ability to supply U.S. manufacturers with high-quality recycled billet and extrusion ingot. These products are foundational to fast-growing sectors such as electric vehicles, renewable energy systems, advanced construction materials, and defense-related technologies.

Through this joint venture, we now have secure access to 90,000 tons of recycled aluminum annually, bolstering our ability to serve U.S. customers with domestically sourced, low-carbon materials. Matalco's closed-loop production system offers a compelling emissions advantage—enabling lifecycle GHG reductions of up to 95% compared to conventional primary aluminum sources. This scalable, near-zero-emissions model aligns with U.S. industrial decarbonization goals and helps our customers meet tightening sustainability targets.

Beyond environmental performance, the Matalco partnership strengthens America's domestic industrial base and creates local economic value across multiple states. With its operational footprint and processing expertise, Matalco positions Rio Tinto as a long-term, reliable supplier of sustainable aluminum—helping meet the United States' rising demand for strategic materials while advancing our collective progress toward energy security, climate resilience, and circularity.

Washington, DC

Governments are critical stakeholders at a multinational, national and local level. They provide the integral legal and policy frameworks that govern our operations, serve as valued partners and act as the vital link between communities, the economy and the environment.

Our team in Washington, DC facilitates a connection to policymakers, regulators, and major trade associations from a diverse range of sectors beyond mining, that need the critical minerals we produce, including manufacturing, construction, defense and automotive.

Whether working directly or through associations, we are dedicated to supporting the development and implementation of policies aimed at transitioning to resilient supply chains, national security and cleaner energy sources.

Chicago, Illinois

In 2018, Rio Tinto took a strategic step to further enhance our presence in the U.S. by opening a commercial office in Chicago, Illinois. The city has long been a global commodity hub, making it the ideal location to centralize Rio Tinto's U.S. sales, marketing, logistics and customer service operations. The office allows Rio Tinto to engage more effectively with existing and future customers, fostering deeper partnerships across industries.

With more than 100 employees based in the Chicago office, Rio Tinto can better respond to market changes and customer needs, benefiting from the city's access to a diverse and talented workforce. This move is part of Rio Tinto's ongoing commitment to its U.S. customers, as the U.S. remains one of the company's largest markets.

From beginning to end

At Rio Tinto, we aspire to be responsible operators from beginning to end.

We plan for the end right from the beginning by integrating closure and reclamation into every phase of our asset lifecycle. In the U.S., our portfolio spans a diverse range of legacy sites. By partnering with local communities, governments and Indigenous groups, we transform our former operating sites into sustainable landscapes that drive economic renewal and environmental progress.

Bingham Canyon Reclamation

Utah

Since 1903, the historic Bingham Canyon Mine has set the standard in copper production. Today, our phased reclamation project is reshaping 12.4 million cubic yards of waste rock, applying 3.7 million cubic yards of topsoil, and establishing a robust stand of native vegetation. This comprehensive restoration enhances biodiversity, improves stormwater management and paves the way for a renewed community asset.

Magma Copper Restoration

Arizona

Active from 1910 to 1996, the former Magma Copper Mine is now undergoing a $75 million transformation in partnership with Resolution Copper. Spanning 475 acres, this project addresses decades of environmental impact through extensive soil clean-up, re-vegetation with indigenous Sonoran Desert species and precise land reshaping—turning a once heavily impacted site into a model of environmental remediation and community renewal.

Flambeau Mine

Wisconsin

The Flambeau Mine operated from 1993 to 1997 and was reclaimed by 1999 through a $20 million reclamation project. As the first mine permitted and operated under Wisconsin's stringent modern mining laws, it met the highest mining and reclamation standards. With the certificate of completions now received, the 180-acre site is a year-round community resource called the Reclaimed Flambeau Mine Nature Trails & Recreation Area.

Holden Mine Remediation

Washington

Once one of the largest copper mines in the country, the historic Holden Mine is now a model of remote-site reclamation. Rio Tinto never operated the mine but became responsible for cleanup of historic mining impacts as part of a larger corporate acquisition process. We have delivered a $500 million remediation project at the site, in collaboration with Indigenous and local communities and overseen by federal and state regulators. Our work at Holden remains ongoing and, as part of Phase 1 we have reclaimed 8 million tonnes of tailings and waste rock, constructed a water treatment plan to treat mine drainage, and restored habitat around Lake Chelan. The former industrial area now supports clean water, ecological conservation, and a thriving retreat center—reflecting a legacy of renewal and responsibility.

Death Valley National Park

California

Once home to early borax mining and the iconic 20 Mule Team™, Death Valley has evolved from an industrial outpost into one of America's most visited national parks. Through historic preservation, community partnerships, land donations, and decades of rehabilitation, Rio Tinto's legacy in the region contributed to the protection and reinterpretation of the park's unique landscape. The area's mining infrastructure—including Harmony Borax Works—has been conserved and repurposed for public engagement, ensuring this powerful story of resilience, industry, and environmental stewardship continues to inspire future generations.

By embedding closure and sustainability into every phase of our operations, we ensure that our legacy sites are not simply left behind, but are transformed into vibrant, enduring assets for the communities we serve.