

Rio Tinto to invest \$2.5 billion to expand Rincon lithium project capacity to 60,000 tonnes per year

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[Rio Tinto](#) has approved \$2.5 billion¹ to expand the Rincon project in Argentina, the company's first commercial scale lithium operation, demonstrating its commitment to building a world-class battery materials portfolio.

Rincon's capacity of 60,000 tonnes of battery grade lithium carbonate per year is comprised of the 3,000-tonne starter plant and 57,000-tonne expansion plant. Rincon's mine life is expected to be 40 years², with construction of the expanded plant scheduled to begin in mid-2025, subject to permitting. First production is expected in 2028 followed by a three-year ramp up to full capacity, generating significant job creation and economic opportunities for local businesses.

Rio Tinto Chief Executive Jakob Stausholm said: "The attractive long-term outlook for lithium driven by the energy transition underpins our investment in Rincon. We are dedicated to developing this tier 1, world-class resource at scale at the low end of the cost curve. We are equally committed to meeting the highest ESG standards, leveraging our advanced technology to halve the amount of water used in processing, while continuing to grow our mutually beneficial partnerships with local communities and Salta province.

"Building on Argentina's supportive economic policies, skilled workforce, and exceptional resources we are positioning ourselves to become one of the top lithium producers globally. This investment alongside our proposed Arcadium acquisition ensures that lithium will become one of the key pillars of our commodity portfolio for decades to come."

Located in the heart of the 'lithium triangle' in Argentina, the Rincon project consists of brine extraction using a production wellfield, processing and waste facilities, as well as associated infrastructure. The project uses direct lithium extraction (DLE) technology, a process that supports water conservation, reduces waste and produces lithium carbonate more consistently than other methods.

Rincon is a large³, long-life asset with Ore Reserves 60% higher than we assumed at the time of acquisition. It is expected to be in the first quartile of the cost curve, demonstrating resilience and ability to operate profitably through the cycle.

This investment supports Argentina's ongoing ambitions to become a world-leading lithium producer. Argentina's economic reforms and the new Incentive Regime for Large Investments ('RIGI') provide a favourable environment for investment, offering benefits such as lower tax rates, accelerated depreciation, and regulatory stability for 30 years, protecting the project from future policy changes, as well as enhanced investor protections.

This announcement is authorised for release to the market by Andy Hodges, Rio Tinto's Group Company Secretary.

¹ Included in the Group's capital expenditure guidance provided at Rio Tinto's Investor Seminar on 4 December 2024.

² The production target of approximately 53 kt of battery grade lithium carbonate per year for a period of 40 years was previously reported in a release to the ASX dated 4 December 2024 titled "Rincon Project Mineral Resources and Ore Reserves: Table 1". Rio Tinto confirms that all material assumptions underpinning that production target continue to apply and have not materially changed. Plans are in place to build for a capacity of 60 kt of battery grade lithium carbonate per year with debottlenecking and improvement programs

scheduled to unlock this additional throughput.

³ See ASX release dated 4 December 2024 titled "Rincon Project Mineral Resources and Ore Reserves: Table 1" for details of Mineral Resources and Ore Reserves.

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