

POSCO Holdings Issues Press Release of Signing MoU with Anson Resources for Green River Lithium Project Cooperation

ASX: [ASN](#) Announcement

Anson Resources Ltd translation of POSCO Holdings press release dated 30th June 2025 regarding the signing of an MOU is provided below. The original press release in Korean is available [here](#) and in English [here](#).

“On the 30th, POSCO Holdings signed a memorandum of understanding (MOU) with Anson Resources, an Australian resource development company, regarding the construction and operation of a demo plant for DLE technology verification.

POSCO Holdings plans to build a demo plant on a site in Green River City, Utah, where Anson Resources holds a saltwater lithium mining right, and verify the commercialization potential of DLE technology.

This investment in the DLE demo plant is part of the group's secondary battery material business strategy, which focuses on securing additional lithium resources and strengthening future technology competitiveness. POSCO Holdings is reorganizing its business portfolio around '2 Core + New Engine' and is focusing on expanding the lithium resource supply chain, especially among the secondary battery material businesses.

POSCO Holdings plans to complete the commercialization of its DLE technology, which it has been independently developing since 2016, through the successful operation of its local demo plant in the U.S., and to actively utilize it for investment in and commercialization of undeveloped lithium salt lakes in North America.

The DLE demo plant, which is scheduled to begin construction next year, is significant in that it is an investment to secure future core technologies necessary for expanding POSCO Group's lithium business in North America.

The traditional way to produce lithium from salt lakes is the 'natural evaporation method' using ponds. However, the natural evaporation method has the limitation that it can only

be commercialized in areas with abundant sunlight. On the other hand, DLE technology is an innovative method that can economically produce lithium from low-concentration lithium salt lakes without large-scale evaporation ponds. In order to develop and commercialize lithium resources in North America, securing DLE technology is essential. For this reason, global lithium companies are actively securing and utilizing DLE technology to develop low-concentration brine lithium resources.

Under this business agreement, Anson Resources will provide lithium raw materials and land, and POSCO Holdings will begin verifying the business feasibility of DLE technology in earnest. The two companies also agreed to review the possibility of additional cooperation, such as establishing a strategic partnership, depending on the verification results.

Meanwhile, POSCO Holdings has completed construction of a brine lithium plant (annual production of 25,000 tons) in Argentina and an ore lithium plant (annual production of 43,000 tons) in the Yulchon Industrial Complex in Jeollanam-do, securing a lithium hydroxide production capacity of 68,000 tons per year, which is enough to produce about 1.6 million electric vehicles.”

About POSCO Holdings

POSCO Holdings Inc. is a leading South Korean industrial group with strategic investments across steel, energy, and battery materials. POSCO Group is developing a global supply chain to support the transition EV and has invested in a total of 93,000 tonnes of lithium production annually in Argentina and South Korea. The company has made significant investments in both brine and hard-rock lithium resources across South America and Australia and is advancing proprietary Direct Lithium Extraction (DLE) technologies to accelerate low-carbon lithium production.

This announcement has been authorized for release by the Executive Chairman.

ENDS

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About Anson Resources Ltd

Anson Resources (ASX: ASN) is an ASX-listed mineral resources company with a portfolio of minerals projects in key demand-driven commodities. Its core assets are the Green River and Paradox Lithium Project in Utah, in the USA. Anson is focused on developing these assets into a significant lithium producing operations. The Company's goal is to create long-term shareholder value through the discovery, acquisition and development of natural resources that meet the demand of tomorrow's new energy and technology markets.