

# Lake Resources NL: Quarterly Activities Report

30.07.2021 | [ABN Newswire](#)

Sydney, Australia - [Lake Resources NL](#) (ASX:LKE) (FRA:LK1) (OTCMKTS:LLKKF) is a lithium developer utilising clean, direct extraction technology for the development of high purity lithium products with significant ESG benefits from its flagship Kachi Project (4.4mt LCE resource), and three other lithium brine projects in Argentina. No mining is involved in the brine processing.

Lake owns over 220,000 hectares (0.5 million acres) of leases in a prime location within the Lithium Triangle, alongside all 5 major lithium producers.

A key difference in Lake's development plan to lithium production is to use an efficient direct lithium extraction method (DLE) from our technology partner, Lilac Solutions Inc. This enables Lake Resources to be a cost competitive supplier of high-purity lithium carbonate with a low carbon (CO<sub>2</sub>) footprint, low water use and low land use - strong Environmental, Social, Governance (ESG) benefits.

Pilot plant modules are operating at the Lilac facility in California USA using brines from Lake's Kachi Lithium Brine Project that produce lithium chloride for conversion into lithium carbonate. High purity battery quality lithium carbonate (99.97% purity) with very low impurities has been produced (refer ASX announcement 20 October 2020). This product performed successfully in NMC622-based lithiumion battery test cells based on initial testing by Novonix (refer ASX announcement 2 March 2020).

Lilac's DLE process adapts a widely used water treatment process called ion exchange to produce lithium. This allows the return of virtually all water (brine) to its source without changing its chemistry, apart from lithium removal. The land use is significantly reduced due to the removal of evaporation ponds and the plan to use solar hybrid power ensures a low carbon footprint. These ESG benefits have expanded discussions to a wider group of potential offtakers and electric vehicle makers as supply shortfalls emerge.

To view the full quarterly report, please visit:  
<https://abnnewswire.net/lnk/241SU7A4>

About Lake Resources NL:

[Lake Resources NL](#) (ASX:LKE) (OTCMKTS:LLKKF) is a clean lithium developer utilising clean, direct extraction technology for the development of sustainable, high purity lithium from its flagship Kachi Project, as well as three other lithium brine projects in Argentina. The projects are in a prime location within the Lithium Triangle, where 40% of the world's lithium is produced at the lowest cost.

This method will enable Lake Resources to be an efficient, responsibly-sourced, environmentally friendly and cost competitive supplier of high-purity lithium, which is readily scalable, and in demand from Tier 1 electric vehicle makers and battery makers.

Source:  
[Lake Resources NL](#)

Contact:

Steve Promnitz Managing Director +61 2 9188 7864 [steve@lakeresources.com.au](mailto:steve@lakeresources.com.au) Anthony Fensom Republic PR +61 (0) 407 112 623 [anthony@republicpr.com.au](mailto:anthony@republicpr.com.au) Henry Jordan Six Degrees Investor Relations +61 (0) 431 271 538

Dieser Artikel stammt von [Rohstoff-Welt.de](#)

Die URL für diesen Artikel lautet:

<https://www.rohstoff-welt.de/news/390311--Lake-Resources-NL--Quarterly-Activities-Report.html>

Für den Inhalt des Beitrages ist allein der Autor verantwortlich bzw. die aufgeführte Quelle. Bild- oder Filmrechte liegen beim Autor/Quelle bzw. bei der vom ihm benannten Quelle. Bei Übersetzungen können Fehler nicht ausgeschlossen werden. Der vertretene Standpunkt eines Autors spiegelt generell nicht die Meinung des Webseiten-Betreibers wieder. Mittels der Veröffentlichung will dieser lediglich ein pluralistisches Meinungsbild darstellen. Direkte oder indirekte Aussagen in einem Beitrag stellen keinerlei Aufforderung zum Kauf-/Verkauf von Wertpapieren dar. Wir wehren uns gegen jede Form von Hass, Diskriminierung und Verletzung der Menschenwürde. Beachten Sie bitte auch unsere [AGB/Disclaimer!](#)

---

Die Reproduktion, Modifikation oder Verwendung der Inhalte ganz oder teilweise ohne schriftliche Genehmigung ist untersagt!  
Alle Angaben ohne Gewähr! Copyright © by Rohstoff-Welt.de -1999-2026. Es gelten unsere [AGB](#) und [Datenschutzrichtlinien](#).