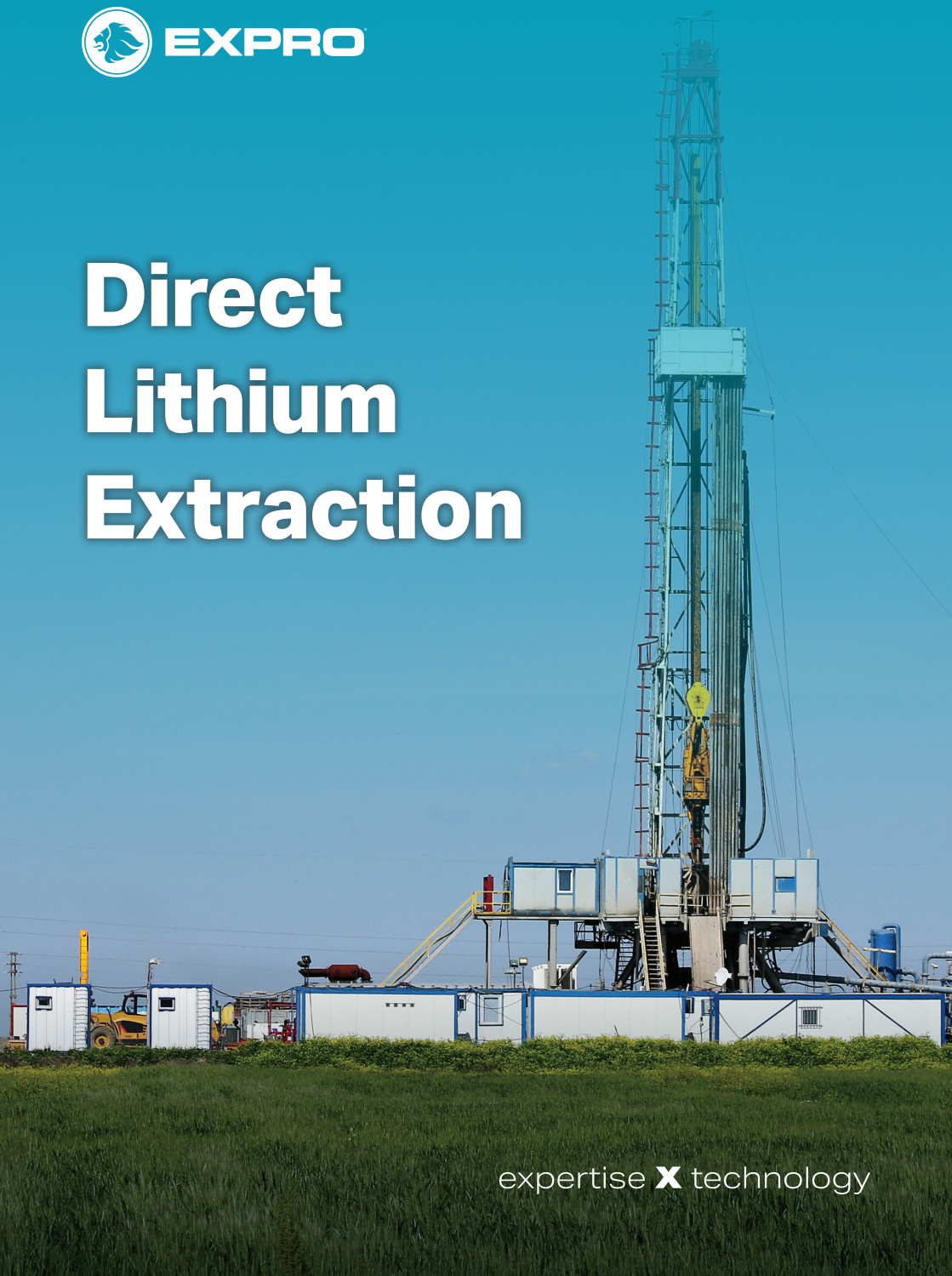




# Direct Lithium Extraction



expertise **X** technology

# Expro applies decades of expertise in well services and water management to support the extraction of lithium from aquifers. By adapting proven technologies and processes we help operators evaluate, quantify and produce mineral resources

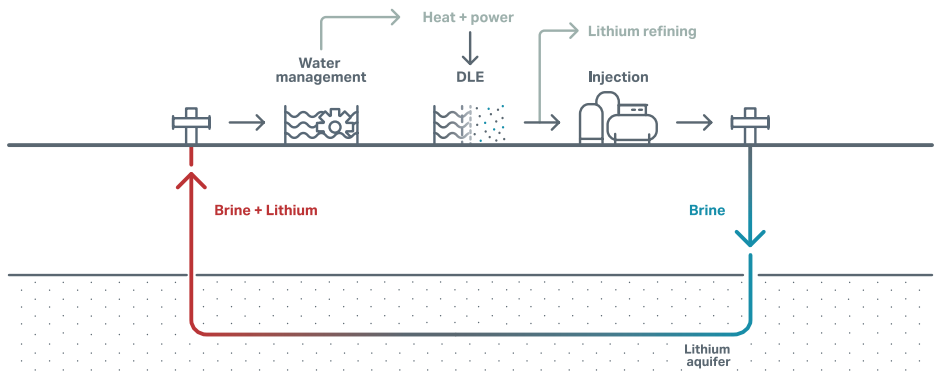
## Powering a sustainable future

As global demand for cleaner energy grows, lithium has become vital to powering electric vehicles and energy storage systems. Direct Lithium Extraction (DLE) represents a breakthrough in lithium production delivering higher efficiency, lower costs, and reduced environmental impact.

By maximizing recovery from natural resources and minimizing waste, DLE technology supports a more sustainable and reliable supply of lithium to meet the needs of the energy transition.

## Expertise

- **SITE CHARACTERIZATION AND FORMATION TESTING** - Industry-leading well testing and fluid analysis to reduce reservoir uncertainties, determine mineral concentrations and measure flow dynamics, laying the foundations for efficient mineral recovery.
- **FLUID SAMPLING AND ANALYSIS** - Best in class well site and fixed laboratory sampling, analysis and flow measurement services to fully characterize your reservoir and produced fluids.
- **WATER MANAGEMENT** - Advanced treatment and processing of produced water to prepare it for mineral extraction, ensuring contaminants and impurities are removed and flow streams comply with environmental guidelines.
- **MINERAL EXTRACTION** - DLE from produced brines and wastewater, delivered through strategic industry partnerships
- **WATER TREATMENT** - Treatment of processed water before reinjection or safe environmental discharge, supporting sustainability and regulatory alignment



# Expro offers full lifecycle well services and water management solutions to enhance lithium extraction performance, helping customers unlock new value from their reservoirs

## SITE CHARACTERIZATION AND FORMATION TESTING

Offering a complete range of mobile and specialist services across our Well Flow Management portfolio, we deliver quality data and operational efficiency. We measure and control formation fluids to unlock the reservoir and fast track production, while reducing environmental impacts. The data we provide, enables the safe and efficient characterization of lithium reserves. Supported by fluid sampling, flow surveillance and well logging technologies, our solutions maximise the value of your assets.

## FLUID SAMPLING AND ANALYSIS

A comprehensive understanding of reservoir fluids is the cornerstone of successful operations. Expro provides well site and laboratory services, with leading sampling technologies and accredited facilities to ensure your reservoir fluids are precisely collected and characterized. Accurate measurements of reservoir fluid composition, mineral concentrations and impurities are essential for evaluating the commercial value of lithium brines.

## WATER MANAGEMENT

Expro has decades of experience managing produced water to maximize production, enhance asset value and minimize environment impact. Our advanced technologies can eliminate harmful substances from produced water while maintaining the critical minerals within the brine. Expro can provide tailored strategies for managing lithium-rich brines and provide effective separation of contaminants and gases to meet regulatory and operational requirements. With full cycle flow management, we can prepare for safe release and reinjection as part of geothermal production.

## WELL SERVICES

Expro offers a full suite of services over the lifecycle of the well to enable sustainable lithium production. Expro excels in operational efficiency, providing high-quality well data paired with expert insights. From optimized drilling performance to well construction efficiency, and well integrity assurance to production optimization, our cutting-edge technologies support your operations at every stage of the well.

## Why Expro?



Safe water management to maximize lithium extraction and reduce environmental impacts



Integrated solutions to enhance production and realise efficiencies



Well lifecycle services to manage the integrity and efficiency of your assets



Industry-leading safety, quality and service delivery