

Transforming produced water



Sustainable lithium extraction

Welcome to Lithium Harvest: Revolutionize your wastewater management with our produced water treatment technology for direct lithium extraction.

Unlock the untapped potential of produced water with Lithium Harvest's patented lithium extraction solution. Our revolutionary process efficiently extracts high-value minerals, including lithium, from oilfield wastewater, transforming waste into profit in a cost-effective and environmentally sustainable way.

Join us in revolutionizing how the oil and gas industry handles produced water. Our solution is not just about sustainability - it is about profitability and staying ahead of market trends. Contact us today to explore unlocking new revenue while boosting your environmental credentials.



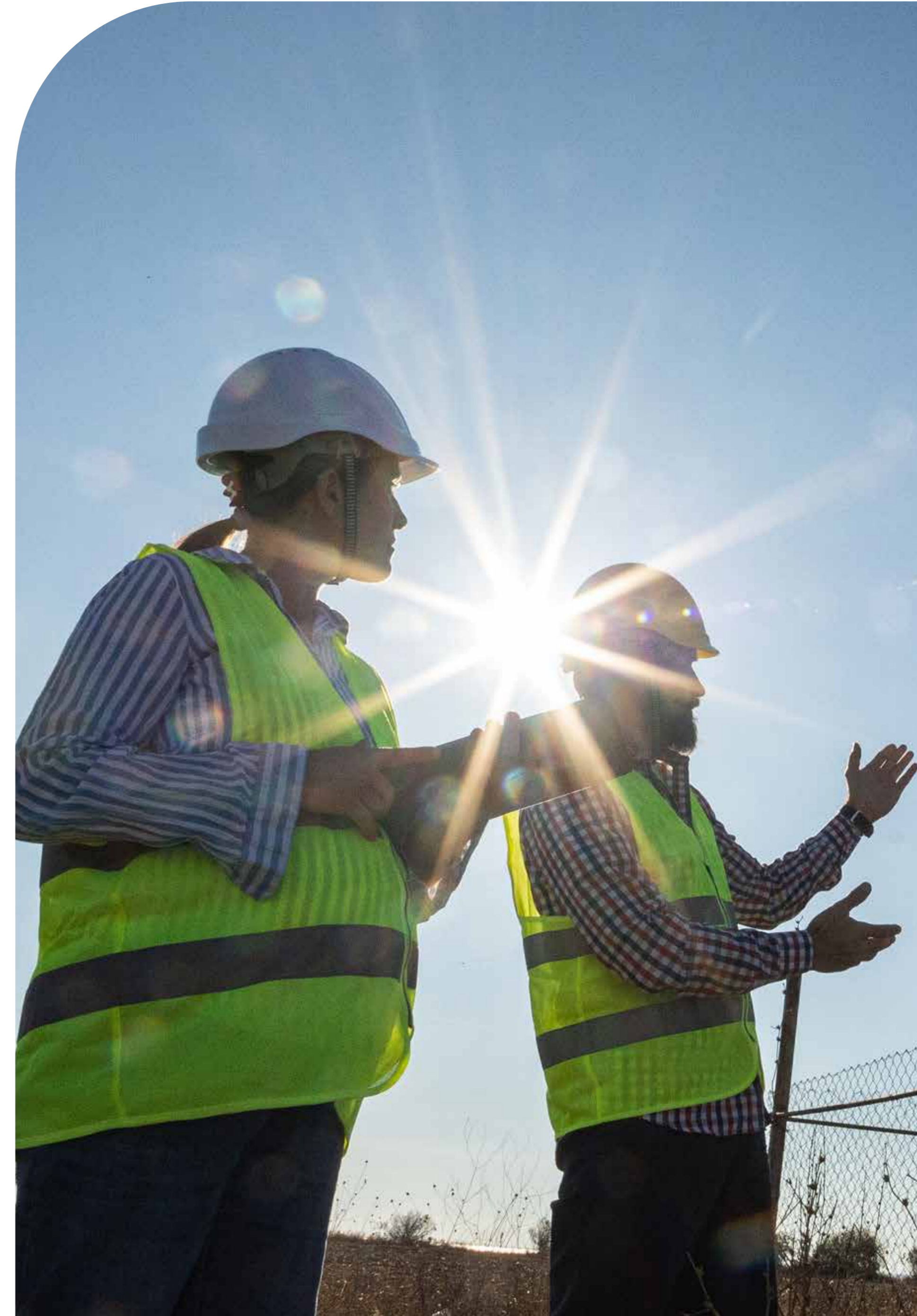
New Revenue Stream: Turn produced water into revenue by tapping into the booming lithium market



Sustainability Advantage: Demonstrate your commitment to sustainable water management, earning the trust and support of stakeholders



Proven Expertise & Tech: Leverage our extensive 20-year water treatment experience with strong technology partnerships



Turn Your Wastewater Into a Revenue Stream



How it works: From waste to value

From byproduct to valuable resource: Lithium Harvest's game-changing produced water treatment process for lithium extraction.

Our Direct Lithium Extraction (DLE) technology utilizes advanced water treatment methods to extract lithium and other critical minerals directly from produced water streams. Our process not only maximizes lithium recovery but also aligns with both sustainability goals and the profitability objectives of oil and gas companies.

- 1. Collection:** Produced water, a by-product of oil and gas extraction, is collected from wells or midstream companies and brought to our strategically co-located treatment facilities.
- 2. Filtration & Separation:** The water undergoes a thorough filtration and separation process to remove suspended solids, hydrocarbons, heavy metals, and other contaminants, preparing it for efficient lithium extraction.
- 3. Advanced Water Treatment:** The water is purified and desalinated using state-of-the-art treatment technologies. This step ensures that any remaining impurities are removed, meeting the highest quality standards for lithium extraction.
- 4. Resource Extraction:** We fully utilize this once-waste product to extract lithium and other valuable critical minerals from the treated water. Our commitment to the green energy transition ensures that resource recovery is maximized in an environmentally responsible manner.
- 5. Repurposing:** The treated water, now free from contaminants, is ready for beneficial reuse. It can be repurposed for industrial or agricultural needs, used for irrigation, re-injected into oil and gas reservoirs, or applied sustainably, further supporting environmental goals.



Effortless Integration, Full-Service Solutions

Seamless Integration

Our lithium extraction solution integrates effortlessly into your existing produced water management systems with minimal modifications. This allows us to extract valuable lithium without disrupting your ongoing operations, ensuring business continuity while unlocking new revenue streams.

Strategic Co-location

We strategically co-locate our lithium extraction and refining plants at your midstream facilities or disposal wells. Combining lithium extraction and refining on-site minimizes logistical challenges and boosts operational efficiency, reducing costs and complexity.

Scalable & Modular

Our solution is designed to be flexible, adapting to both small and large-scale operations. Whether you handle high or low volumes of produced water and varying lithium concentrations, our modular technology scales to meet your needs - maximizing output and efficiency regardless of production levels.

Turnkey, End-to-End Solutions

We offer a turnkey, Design-Build-Own-Operate (DBOO) solution, managing the entire process from concept to operation. This full-service approach ensures rapid deployment, smooth integration into your infrastructure, and immediate revenue generation. We offer tailored business scenarios to fit your unique requirements, allowing you to focus on your core operations while we handle the complexities of lithium extraction.

Why Lithium Harvest?

Unlock the full potential of your produced water with Lithium Harvest's comprehensive package.

Partnering with Lithium Harvest means more than adopting cutting-edge technology - it is about leveraging our proven expertise and seamless, sustainable solutions to transform your produced water into a valuable resource while positioning your company as a leader in the green energy transition.

 Proven Expertise in Water Management

 Sustainable and Profitable Solutions

 Local Manufacturing & Community Growth

 Future-Proof Partnership

 Secure a Competitive Edge in the Lithium Market

 Rapid Market Access Without Operational Risk

Proven Expertise in Water Management

With over 20 years of experience in industrial wastewater treatment, Lithium Harvest brings unmatched expertise to managing the complexities of produced water. Our specialized solutions are tailored to the unique chemistry of your water source, ensuring maximum lithium recovery while minimizing both OpEx and CapEx.

Sustainable and Profitable Solutions

Our turnkey Design-Build-Own-Operate (DBOO) model combines sustainability and profitability. We handle the entire process - from design and construction to operation - ensuring a seamless, hassle-free experience. With a rapid deployment timeline of just 12-18 months, our scalable approach is ready to adapt to your needs as the lithium market expands. Tailored business models maximize returns and sustainability while we handle the technical complexities.

Local Manufacturing & Community Growth

We prioritize localized manufacturing, creating jobs, and fostering growth within our communities. Our solutions support domestic energy security and contribute to building resilient local economies, helping accelerate the green energy transition.

Future-Proof Partnership

As global demand for lithium skyrockets with the growth of electric vehicles and energy storage, partnering with Lithium Harvest positions your company at the forefront of this market expansion. Our carbon-neutral extraction technology ensures your business stays competitive while meeting the evolving demands of the energy landscape.

Secure a Competitive Edge in the Lithium Market

By partnering with Lithium Harvest, you gain a competitive edge in the lithium market through one of the most sustainable and cost-effective extraction technologies available. Our solution is designed for fast market access and scalability to meet the growing lithium demand. Coupled with a clear sales strategy for offtake markets, this partnership will help us capitalize on lithium's ever-increasing demand.

Rapid Market Access Without Operational Risk

Lithium Harvest offers rapid access to the lithium market without needing in-house expertise. We minimize your time to market and operational risk, allowing you to focus on your core business while expanding into the high-growth lithium and battery sectors.

Learn more on our website: www.lithiumharvest.com

Empowering the green transition

Diversify your operations, drive profitability, and lead the green energy transition with Lithium Harvest.

As global demand for lithium skyrockets, Lithium Harvest offers you a unique opportunity to diversify into the lithium market with a competitive edge. Traditional extraction methods are struggling to keep up. These processes are slow, costly, and harmful to the environment - consuming massive amounts of water and energy while producing significant carbon emissions. You already know the pressure is growing to adapt to these changing times, especially with sustainability regulations tightening.

But here is where your operations hold untapped potential. Produced water, a byproduct of your oilfield operations, contains valuable lithium and other mineral reserves that can be extracted. With Lithium Harvest's advanced technology, what was once a costly waste can now be transformed into a revenue stream. Leverage your existing oil production infrastructure to unlock the value of produced water, tapping into critical mineral resources without disrupting your core business. Our innovative solution ensures profitability, even with low-content lithium resources, offering you a low-risk, high-reward strategy for the future.

We are ready to partner with oil companies and midstream providers, offering customized business models designed for joint growth. By partnering with Lithium Harvest, you will solve produced water management challenges and position your business as a forward-thinking energy leader aligned with the booming lithium market. Shape a sustainable, profitable future with Lithium Harvest. Our expertise ensures a seamless integration of lithium extraction into your operations - paving the way for a greener, more prosperous tomorrow.





Turn your wastewater into a revenue stream

- **Waste to Profit:** Transform your wastewater into a lucrative asset with our innovative lithium extraction technology from produced water.
- **Versatile Reuse Options:** Our solution enables the reuse of treated water for various civil purposes, such as irrigation, freshwater supply, or re-injection – unlocking dual benefits.
- **Fast Deployment & Immediate Returns:** With our solution, there is no need for lengthy building, installation, or permitting processes – a fast track to tap into the booming lithium market.
- **Hassle-Free Experience:** We are operating the lithium extraction plant, integrating seamlessly with your existing infrastructure without any disruption - easy, right?



Contact us



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