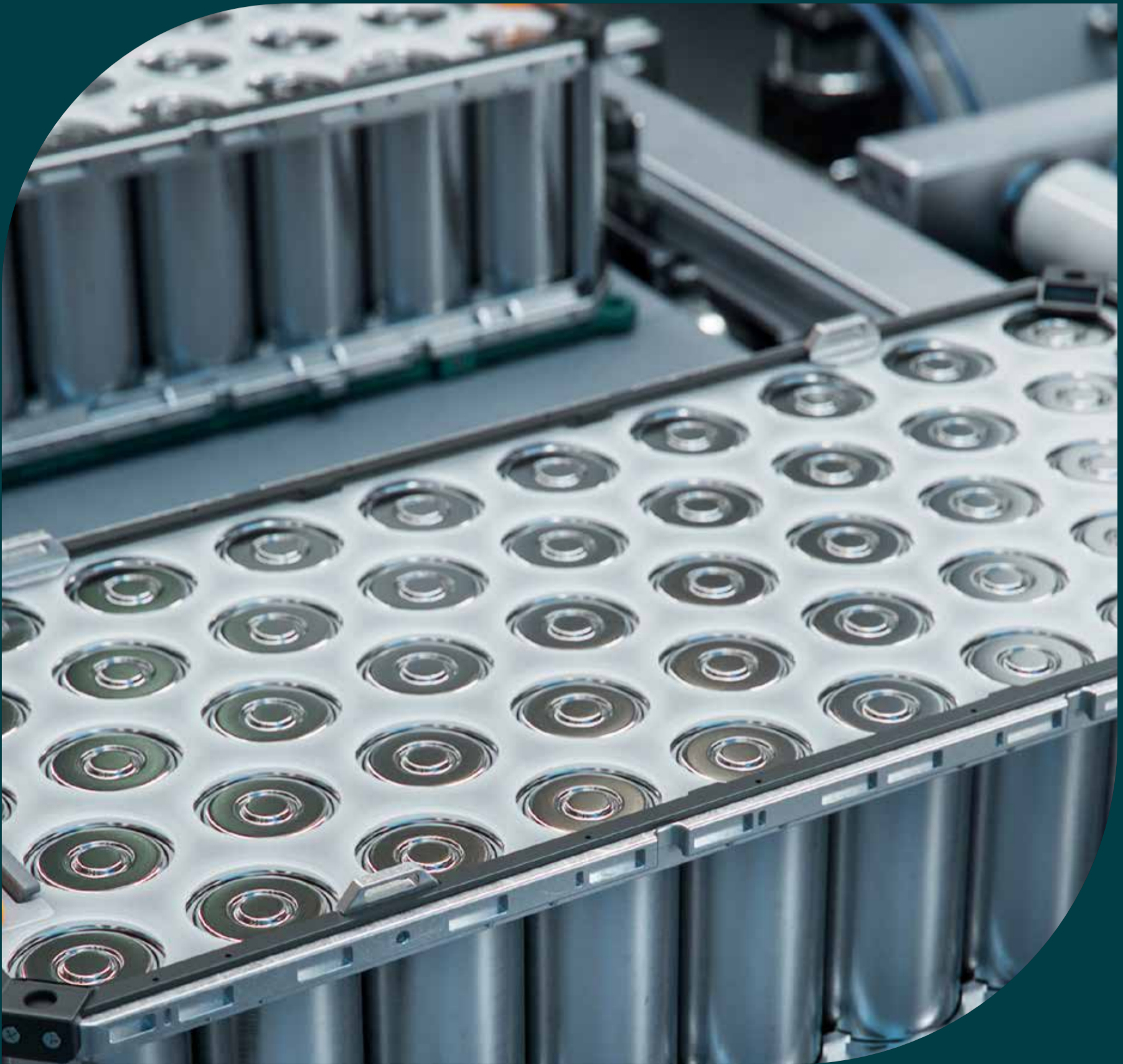


# Zero-carbon lithium



Source to a  
better future



Lithium  
Harvest

# Sustainable lithium compounds

Experience one of the world's most sustainable, high-quality, battery-grade lithium at competitive prices.

At Lithium Harvest, we are revolutionizing the lithium industry with innovative, environmentally friendly extraction methods, delivering one of the world's most sustainable, high-purity lithium compounds designed to meet the demands of today's battery manufacturers and consumers.

Our patented technology transforms oilfield wastewater into high-purity lithium carbonate and hydroxide, setting new global sustainability standards. This allows us to produce lithium compounds quickly, cost-effectively, and with minimal environmental impact - turning waste into a valuable resource.

Join us on our journey towards a more sustainable lithium mining industry. Contact us today to learn more about our product offerings and how we can help power your business.



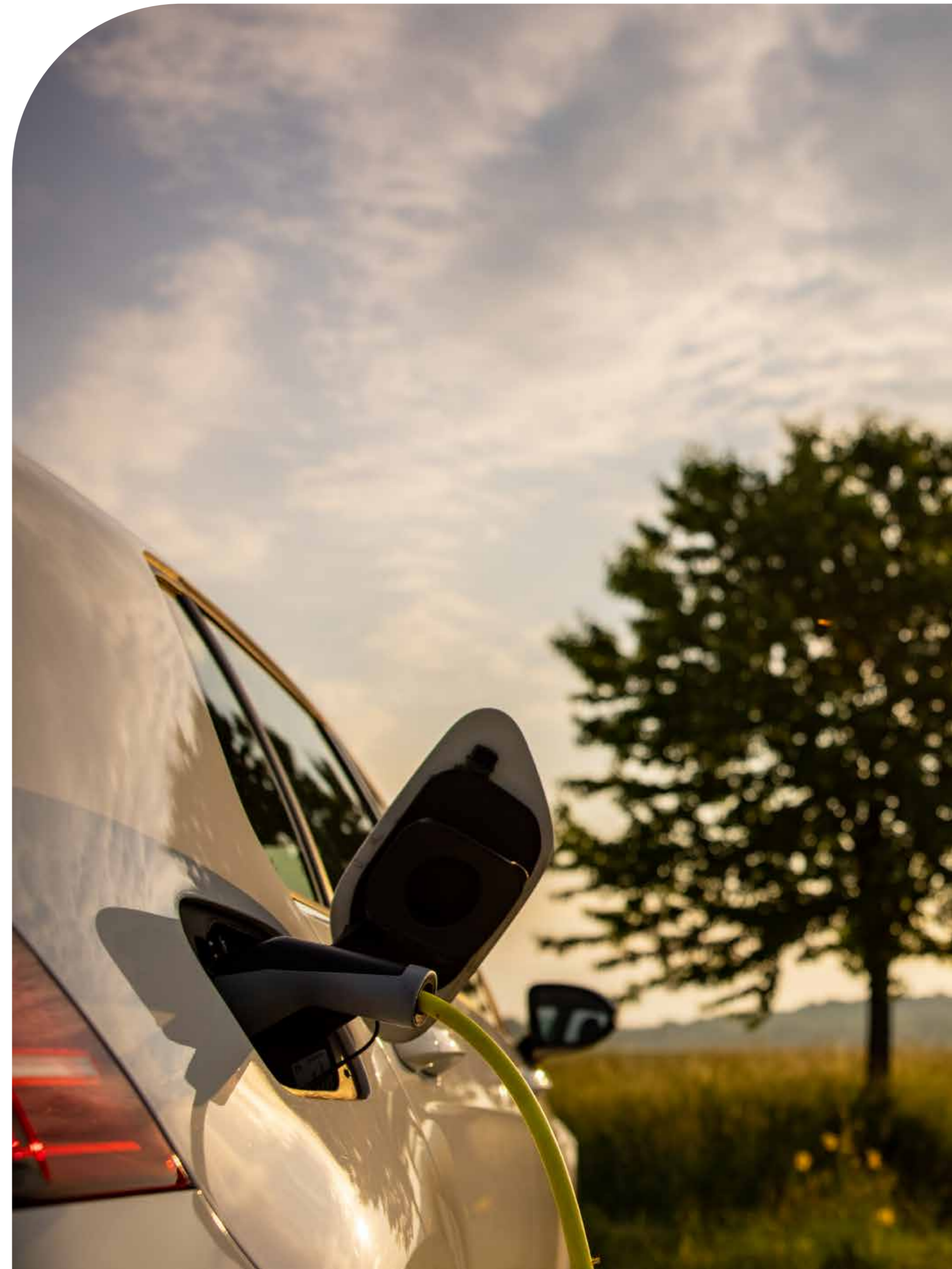
**World's Most Sustainable Lithium:** We are in the business of setting new global sustainability standards



**Competitive Pricing, Uncompromised Quality:** High-quality lithium compounds at competitive prices



**Fastest to Market:** Our solution rapidly converts oilfield wastewater into high-quality lithium compounds



One of the world's most  
sustainable lithium



# Redefining green lithium extraction

Lithium Harvest vs. Traditional Lithium Mining



**Up to 96%**

lower water consumption



**Neutral**

CO<sub>2</sub> footprint



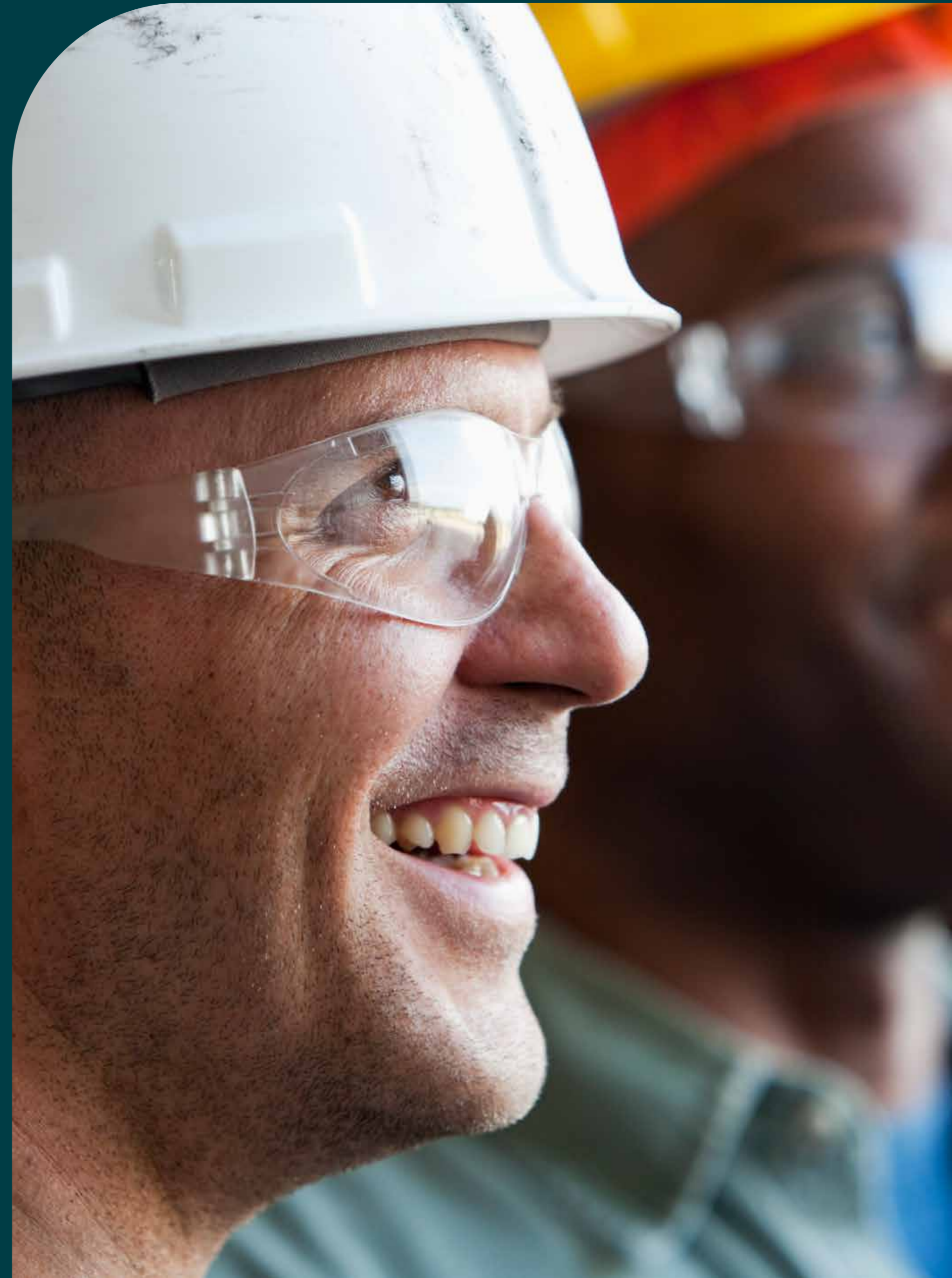
**Up to 99%**

smaller footprint



**>90%**

water recycled



# Unlock sustainable advantage

At Lithium Harvest, we do not just provide lithium compounds - we deliver a powerful environmental edge that drives value for your products and enhances your brand's appeal while maintaining competitive prices. By partnering with us, you can boost your commitment to sustainability while powering up the performance of your batteries.

- **Reduce Your Carbon Footprint:** For every 1,000 mt of lithium carbonate produced with our process, your company can save up to 15 million kg of CO<sub>2</sub> emissions compared to traditional hard rock mining. This reduction in emissions positions your products as leaders in the green energy transition, offering a tangible competitive edge.
- **Conserve Critical Water Resources:** Compared to solar evaporation, our technology saves up to 500 million gallons of water per 1,000 mt of lithium produced. As water scarcity becomes a global concern, this saving showcases your brand's environmental stewardship.
- **Lower Battery Lifecycle Emissions by 47%:** By integrating Lithium Harvest's lithium into your supply chain, you can reduce the lifecycle emissions of EV batteries by an estimated 47%. This results in a more sustainable, lower-carbon product offering.
- **Faster GHG Breakeven for EVs:** EVs powered by our lithium can reach their greenhouse gas (GHG) breakeven point after just 6,000 kilometers (3,500 miles) - three times faster than the 18,000 kilometers (11,000 miles) typically required with traditional lithium. This means EVs will deliver tangible environmental benefits to customers much sooner, enhancing your market appeal.
- **Smaller Footprint, Bigger Impact:** With a production footprint 99% smaller than hard rock mining, our technology minimizes the environmental disruption caused by sourcing lithium. This allows you to produce batteries with a significantly smaller impact on ecosystems, reinforcing your company's commitment to sustainable manufacturing.



# Technological benchmark

## Our Innovation Surges Ahead of Competitors

Lithium Harvest's innovative DLE technology, enhanced by advanced water treatment, transforms oilfield wastewater into the cleanest and most sustainable lithium. Our patented process accelerates production at lower costs than traditional mining while setting the global benchmark for eco-friendly, efficient extraction. With fast-to-market solutions, sustainability, and cost-effectiveness at the core, we are leading the next generation of lithium extraction, empowering businesses to stay competitive in the rapidly evolving energy market.



Lithium Harvest Solution



DLE from Brine



Solar Evaporation Brine Extraction



Hard Rock Mining

Feedstock	Produced water	Continental brine	Continental brine	Rock / spodumene
Project implementation time	12-15 months	5-7 years	13-15 years	8-10 years
Lithium carbonate production time	2 hours	2 hours	2-3 years	3-6 months
Lithium yield	>95%	80-95%	20-40%	6-7%
Average footprint per 1,000 mt LCE	1.4 acres	1.4 acres	65 acres	115 acres
System design	Modular and mobile	Mobile / stationary	Stationary	Stationary
Environmental impact	Minimal	Minimal	Soil- and water contamination	Soil- and water contamination
Water consumption per 1,000 mt LCE	20 million gallons	80 million gallons	550 million gallons	250 million gallons
CO <sub>2</sub> footprint per 1,000 mt LCE	Neutral	1.5 million kg	5 million kg	15 million kg

Source: Columbia University, IEA, ICMM.

# Why Lithium Harvest?

**Empowering your sustainable success: The trusted partner you need in the lithium industry.**

At Lithium Harvest, we are not just a supplier; we are your sustainable, quality-driven, and cost-effective partner. Our commitment to environmental responsibility, superior products, competitive pricing, and long-term relationships ensures that we empower your business to succeed while contributing to a greener future.



**Drive Profitability with One of the World's Most Sustainable Lithium**



**Faster, Scalable Production to Meet Your Growing Needs**



**Maximize Cost-Efficiency Without Sacrificing Quality**



**Long-Term Partnership & Unmatched Support**

## Drive Profitability with One of the World's Most Sustainable Lithium

By choosing Lithium Harvest, you are accessing one of the world's most sustainable lithium compounds, allowing you to meet your sustainability targets without sacrificing performance. Our advanced extraction methods transform oilfield wastewater into valuable lithium, enabling you to lower your carbon footprint and stand out in the battery market.

## Faster, Scalable Production to Meet Your Growing Needs

As demand for lithium rises, we ensure you receive a reliable supply of high-quality lithium compounds. Our adaptable, modular solution allows for quick deployment and flexible scaling so we can increase operations seamlessly without delays.

Using advanced methods, we convert oilfield brine into high-grade lithium carbonate and hydroxide in hours, accelerating delivery time for your business. Our minimal environmental impact is core to our approach - we harness existing wastewater streams, eliminating the need for additional water resources and significantly reducing project initiation costs and timeframes. With the versatility to adapt to various water sources, Lithium Harvest provides a sustainable, efficient, and responsive lithium supply, ensuring you remain competitive in a fast-moving market.

## Maximize Cost-Efficiency Without Sacrificing Quality

In today's competitive landscape, controlling costs is crucial to maintaining your edge. Lithium Harvest's streamlined production processes and supply chain management ensure you receive high-purity, battery-grade lithium compounds at highly competitive prices. Every batch meets stringent quality standards so that you can trust the consistency of your supply. This combination of affordability and uncompromising quality helps you stay ahead of the competition while advancing your sustainability goals.

## Long-Term Partnership & Unmatched Support

We build relationships based on trust, collaboration, and mutual growth. At Lithium Harvest, we are more than just a supplier; we are invested in your long-term success. Our team works closely with you to understand your unique needs, providing technical guidance, customization options, and dedicated support throughout your journey. From initial inquiries to ongoing innovation, we are with you every step of the way, helping you succeed in a rapidly evolving market.

Learn more on our website: [www.lithiumharvest.com](http://www.lithiumharvest.com)





## The world's most sustainable lithium

- **Unparalleled Sustainability:** Leading the way in eco-friendly lithium extraction, we provide the world's most sustainable lithium for a greener future.
- **Rapid & Scalable Production:** We combine speed with scalability, ensuring consistent and rapid market delivery and adaptability to meet increasing demands.
- **Competitive, Transparent Pricing:** Committed to fair, transparent pricing, we balance top quality with affordability.
- **Unrivalled Quality Product:** Our lithium is synonymous with quality, excelling in purity and meeting stringent industry standards.



# Contact us



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