An Opportunity for Imperial Valley
PROJECT ATLIS

OUR GOAL

Creating the cleanest, most sustainable lithium production facility in the world to enable the transition to EV vehicles.
Project ATLiS
Utilizing the existing geothermal plant outside of Calipatria to process lithium out of the geothermal brine deep under Imperial County.
PROJECT ATLIS TIMELINE


John L. Featherstone Geothermal Power Station commissioned

Project ATLis Initiated

Earned CEQA Approval

Anticipated Start of Construction

Anticipated Delivery of First Li Products
PROJECT ATLIS CAPACITY

20,000 metric tonnes of lithium per year.

20,000 metric tonnes = 500,000 EV batteries
LOW WATER USE

Lowest Water Depletion of Any Lithium Production Facility

Source: Minviro Ltd. (UK)
SMALLEST LAND USE

Smallest Land Use of Any Lithium Production Facility

- **Chilean Brine**: 3,100 acres
- **W. Australian Hard Rock**: 465 acres
- **European Hard Rock**: 275 acres
- **ATLIS PROJECT**: 40 acres

Source: Minviro Ltd. (UK)
LOWEST CO2

Lowest CO2 Emissions of Any Lithium Production Facility

Source: Minviro Ltd. (UK)
MOST ENVIRONMENTALLY SENSITIVE

Lowest CO2 Emissions
- South American Brine #1
- W. Australian Hard Rock
- Eurasian Hard Rock
- Project ATLiS

Smallest Land Use
- Chilean Brine: 3,100 acres
- W. Australian Hard Rock: 465 acres
- European Hard Rock: 275 acres
- Project ATLiS: 40 acres

Lowest Water Depletion
- South American Brine #1
- W. Australian Hard Rock
- Eurasian Hard Rock
- Project ATLiS

CO2 eq. per ton LiOH-H2O
BENEFITS for everyone in Imperial County

$720 million in tax revenue over 30 years of the project’s operation

$96 million to Salton Sea Improvement
220
Total jobs (70 direct and 150+ indirect)
BENEFITS for everyone in Imperial County

- Prioritize local hiring
- On-the-job training
- Career Advancement Opportunities
- Workforce Development Partnerships with local educational institutions

220 Total jobs (70 direct and 150+ indirect)
BENEFITS for everyone in Imperial County

$18 million
Every year in payroll and local services

220 Total jobs
BENEFITS for everyone in Imperial County

$24 million
Every year in local taxes

220
Total jobs

$18M
Every year in payroll & local services
BENEFITS for everyone in Imperial County

$2.5 million
Local infrastructure investment

220
Total jobs

$18M
Every year in payroll & local services

$24M
Every year in local taxes
BENEFITS for everyone in Imperial County

$720 million in tax revenue over 30 years of the project’s operation

And $96 million to Salton Sea Improvement

220 Total jobs

$18M Every year in payroll & local services

$24M Every year in local taxes

$2.5M Local infrastructure investment
WORKFORCE DEVELOPMENT + EDUCATION GOALS

HIRE AND TRAIN LOCAL Imperial Valley residents for ESM jobs.

LOCAL WORKFORCE DEVELOPMENT opportunities through partnerships.

EDUCATE STUDENTS of all ages to develop a passion for STEM.

ENGAGE THE BROADER COMMUNITY to listen and explain benefits, impacts and technology.

SUPPORT ECONOMIC DEVELOPMENT enabled by the lithium industry.
HIRING LOCALLY

Our company has a record of hiring locally, and we intend to continue that practice.

Advertise Jobs
Widespread job notices, in English and Spanish.

On-the-job training
Career advancement and training opportunities for employees.

Applied Training for Non-Degree Seeking Workers
Work with partners to develop skills training programs applicable to industry.
Work directly with Imperial Valley College and others standing up curriculum and programs for students to learn skills needed to be competitive for jobs in the industry.
1-year certificate programs designed to provide skills and knowledge for the local workforce to excel in the geothermal energy and mineral extraction industries.

IMPERIAL VALLEY COLLEGE PARTNERSHIP

Working hand-in-hand with IVC to develop their Lithium Industry Workforce Training (LIFT) Program

PLANT OPERATOR PROGRAM BEGAN IN FALL 2023

2 Additional Programs (Instrumentation Technician & Chemical Lab Technician) will begin in Fall 2024. Reach out to IVC to learn more!
LITHIUM CAMP
To educate students about the industry, career opportunities, technology and a clean energy future.

Working to develop a program to take dozens of middle school students through a 1-week educational experience about lithium.
Exploring opportunities to engage teachers to help them introduce students to the industry.
Exploring offering future opportunities to tour the Project ATLis once operational.
ONGOING OUTREACH

One-on-one and small group meetings with non-profits, community organizations, educational institutions and service groups.
COMMUNITY FORUMS

Hosted 2 well-attended community forums in El Centro and Calipatria. Plan for many more.
EMAIL, PHONE + LETTER UPDATES

Regular updates to interested community members.

May 10, 2023

Hello,

As you have likely heard the buzz about the future of the lithium industry in Imperial County, I am reaching out as the CEO of one of those lithium companies, EnergySource Minerals (ESM).

My name is Eric Sponenberg and I want to invite you as a member of the industry to join us on May 22nd to learn more about our project in Calipatria—the Calipa Project ATUS.

We know that many in the community are eager to learn more about the industry and how it is going to power lithium—our new Battlerock to China with the tremendous economic and environmental benefits Project ATUS will have for the residents of Imperial County.

As you may already know, we have the pleasure to be part of the County community since 2008 as the developer of the John Fathomsone Geothermal power plant and look forward to an even more robust future role in the community.

Our Project ATUS is in the beginning construction phase and will be operating by 2025. In total, we will create hundreds of local jobs together with creating workforce development opportunities. In addition, we will provide tens of millions of dollars for Salton Sea restoration and hundreds of millions in local tax revenue for Imperial County over the life of our project.

On May 22nd, we want to share more details of our plans, listen to your questions, get you involved and begin to work together to ensure our industry becomes a benefit to you and local residents for decades to come.

We are confident that our proven, tested and patented, game-changing environmentally-savvy technology, will transform a reality and deliver real local benefits for generations of Imperial County residents.

Please join us—here are the details:

Monday, May 22nd at 6pm, PT
El Centro Library, 1361 N Imperial Ave, El Centro, CA 92243

Light refreshments and food will be available.

Please RSVP on our website: www.ESMresources.com
English and Spanish resources, advertising and translation services are critical to reach the whole community and make our outreach accessible and inclusive.

WEBSITE, 1-PAGERS, BROCHURES, & PRESENTATION

Easy-to-understand materials and ways to reach out and learn more.

PROJECT ATLIS is an approved, shovel ready Lithium extraction project that can be deployed in Imperial County now, bringing substantial global environmental improvements and massive local benefits.