

# **ACCIVE** Lithium Inc POWERING THE ENERGY REVOLUTION

CORPORATE PRESENTATION September 2021 CSE: ACME US OTC: ACLHF

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Actual results relating to exploration, mine development, mine construction, mine operation, and mine reclamation related to projects could vary materially from those expectations. Capital costs and operating costs could vary materially from those expectations. Reason or factors that may cause such variability in expected results includes resources and reserves differing from expectations, changes in general economic conditions and conditions in the financial markets, changes in demand and prices for the products that may be produced. Other factors may include litigation, legislative, environmental and other judicial, regulatory, political and competitive developments in domestic and foreign areas in which we operate, technological and operational difficulties encountered, productivity of our resource properties, changes in demand and prices for minerals, labor relations matters, labor, material, and supply costs, and changing foreign exchange rates. This list is not exhaustive of the factors that may affect any of our forward-looking statements. These and other factors should be considered carefully and readers should not place undue reliance on our forward-looking statements.

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# **THE FUTURE STARTS HERE**

At ACME Lithium, the building blocks for the future are our focus today.

The company has two projects located in a highly prospective region for lithium production in Esmeralda County, Nevada, USA. Those claims translate to lithium mining and extraction in a growing market that is set to dominate in the coming years.

We aim to power the energy revolution. Join us.





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# **MEET LITHIUM:**

A soft and lightweight metal that's changing the world.

### \$32.9 BILLION USD

Global lithium-ion battery market size in 2019

### 13.0% CAGR

Expected compound annual growth rate from 2020 to 2027

### \$87.54 BILLION USD

Expected market size by 2027

# THE STORY OF LITHIUM



#### HOW IT'S USED

Lithium powers rechargeable batteries in electronics including cell phones, laptops, cameras, tools, and most notably, electric vehicles (EVs).





#### WHERE IT COMES FROM

Lithium is found within minerals in rocks as well as brine that is taken from underground pools and then extracted by evaporating the water.

### WHY IT MATTERS

EV sales increase every year and consumers can expect to see prices drop as the market grows. And the star in EV production? Lithium, of course.



"Lithium needs US\$30 billion to meet long-term demand. To put that number into context, the lithium market last year was worth US\$4 billion ... (To reach US\$30 billion) the industry is going to need significant investment from equity markets, from industry participants, to make sure that supply is there when it is needed."



### **BUILDING THE FUTURE, TOGETHER**

#### LITHIUM CARBONATE USE FOR VARIOUS DEVICES

#### Range of LCE (lithium carbonate equivalent)



**Kilograms of Lithium Carbonate Equivalent** 



### RAPID GROWTH IN A CHANGING WORLD

While lithium is used in countless ways, the part it plays in EVs is the most interesting opportunity to watch in the coming years.

OF PASSENGER VEHICLES ARE FORECASTED TO BE POWERED BY LITHIUM-ION BATTERIES GLOBALLY BY 2025

OF PASSENGER VEHICLES ARE FORECASTED TO BE POWERED BY LITHIUM-ION BATTERIES GLOBALLY BY 2030

EXPECTED LITHIUM-ION BATTERY PENETRATION BY 2050 IF THE GROWTH TREND CONTINUES

"The path to net-zero emissions undeniably includes lithium, an essential raw material for the lithium-ion batteries that power electric vehicles and energy storage applications."

# THE PINNACLE OF THE POWER REVOLUTION

### \$108.4 BILLION USD

Global battery market size in 2019

### 14.1% CAGR Expected battery market growth from 2020 to 2027

### LEADING GROWTH IN THE EV & BATTERY MARKET



"The worldwide battery market is expected to grow by a factor of 5 to 10 over the next decade and there is a race to capture the market."



Global Lithium-ion EV Battery Demand Projections

**US** Geological Survey (USGS) has classified lithium as a 'critical mineral resource'

## AN OPPORTUNITY THAT'S IMPOSSIBLE TO IGNORE

Just a few countries dominate lithium production, but reserves are found around the world. In the US, the government is actively focused on building a domestic lithium supply chain.



# WHERE IS LITHIUM GOING?

Global lithium supply and demand forecast, comparing methodologies







# PROJECTS OVERVIEW

Welcome to Esmeralda County, Nevada, the epicenter of lithium exploration and development in the United States.

**Project Highlights:** 

- ACME Lithium owns and is under option to acquire a combined 100% interest in 122 claims totaling 2,440 acres in Clayton Valley and owns 100% interest in 81 lode mining claims totaling 1,620 acres in Fish Lake Valley
- Nevada is the best mining jurisdiction in America
- Access to expertise, infrastructure, rail and roads, power and water
- Excellent weather, logistics, access year-round
- Tesla's Gigafactory less than 200 miles northwest
- Las Vegas less than 200 miles southeast

### BUILDING BLOCKS OF THE FUTURE

- Our projects are in a lithiumrich region: the right place to power the energy revolution
  - Clayton Valley CC, CCP, JR, SX Placer Claims
  - Fish Lake Valley (FLV)
    Claims





### THE EPICENTER OF LITHIUM IN AMERICA

- ACME's projects are close to the Silver Peak lithium mine in Clayton Valley, owned and operated by the Albemarle Corporation (NYSE: ALB)
- Our Clayton Valley project borders the mine directly to the south and the FLV project is 24 miles northwest
- The mine has produced lithium minerals from brines continuously since 1966; samples analyzed up to 228 ppm lithium and concentrations up to +1,000 ppm have been found to occur within specific horizons of fine sediments
- Our projects have the potential to host lithium brines similar to Silver Peak, sourced from lithium enriched Tertiary clays accumulated in a basin environment

# CLAYTON VALLEY PROJECT OVERVIEW



- The CC, CCP, JR, and SX Placer Claims in Clayton Valley are located in an area with a rich history and promising future
- Historic drill information and geophysical surveys show the claims cover basin-fill sediments and aquifers similar to the sediments currently producing lithium brines in the region
- There is evidence that the extensive valley growth faults provide an adequate plumbing system to foster brine reservoir accumulation for moving fluids around

### NEXT STEPS IN CLAYTON VALLEY

- Further interpretation of geophysical survey data and results
- Development of drill targets to test indicated and prospective aquifers



### FISH LAKE VALLEY PROJECT OVERVIEW

### **ANOMALOUS LITHIUM VALUES**

Exploration on the FLV property since 2010 has found sites with anomalous lithium values (>100 ppm) in Tertiary claystone

### **600 PPM IN LITHIUM CLAYSTONE**

Sediments on the northeastern flank of Fish Lake Valley contained sampling results with values to 600 ppm lithium in claystone

### **POSITIVE GEOPHYSICAL SURVEYS**

Have shown a subsurface response consistent with the exploration concept of Tertiary claystone which may host geochemically anomalous concentrations of lithium of potential economic interest

### LITHIUM WITHIN CLAY-RICH HORIZONS

Deposit types indicate a model of lithium within clay-rich horizons of volcaniclastic sedimentary units, which can be recovered under reasonable metallurgical conditions





# **HIGH VALUES OF LITHIUM**

Findings from initial mapping and sampling on the Fish Lake Valley property have been positive.

(Octogon, 2016)





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## NEXT STEPS IN FISH LAKE VALLEY

Exploration on the property shows great potential. To date, geological sampling results have been positive with lithium concentrations approaching 600 ppm.

### Q2 - Q3 2021

DESIGN DRILL TESTING OF ECONOMIC POTENTIAL OF LITHIUM CLAYSTONE: IN PROGRESS

### Q3 - Q4 2021

IDENTIFY NEW TARGETS AND EXPLORE FURTHER: MAPPING, SAMPLING, GEOPHYSICS

### 2021 / 2022

ACQUIRE AND DEVELOP ADDITIONAL PROJECTS TO INCREASE SHAREHOLDER VALUE

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# **MANAGEMENT TEAM & BOARD**

#### **STEPHEN HANSON** DIRECTOR, PRESIDENT AND CEO

Over 28 years of finance and corporate development experience across four continents, has held executive (CEO), board and advisor positions for numerous private and public companies in mining, alternative energy, oil and gas sectors. He has been involved in a number of successful M&A transactions including exit strategies with major corporations.

### VIVIAN KATSURIS

A specialist in corporate development, management, consulting, and corporate services. Has over 28 years of financial experience in the brokerage industry, the North American capital markets and public financings; holds director and officer positions with several CSE and TSXV listed companies.

#### ZARA KANJI CHIEF FINANCIAL OFFICER, CORPORATE SECRETARY

Experienced in financial reporting compliance for junior listed companies, taxation, general accounting, financial reporting and value added advisory services for individuals, private and public companies. A member of the Chartered Professional Accountants of BC and Canada.

#### YANNIS TSITOS DIRECTOR

Originally a physicist-geophysicist with nearly 30 years of experience in the mining industry, including 19 years with BHP Billiton group, one of the biggest mining companies in the world. Currently the President of Goldsource Mines Inc., a TSXV listed company and sits on several boards as an independent director.

#### WILLIAM FEYERABEND VP EXPLORATION

A Certified Professional Geologist and a member of the American Institute of Professional Geologists with direct working experience in the exploration and development of lithium projects, including technical reports in Nevada. Has worked on projects in American West, Mexico and South America.



# **INVESTMENT HIGHLIGHTS**

### **MULTIBILLION DOLLAR OPPORTUNITY**

in the growing battery and electric vehicle (EV) sectors

Clayton Valley and the surrounding area have become the

#### EPICENTER OF LITHIUM EXPLORATION AND DEVELOPMENT IN U.S.

Proximity to industry leaders and extensive lithium acreage with

#### **GEOLOGICAL TARGETS READY TO DRILL TEST**

### **EXPERIENCED MANAGEMENT TEAM**

who have built and financed resource companies around the world

#### CAPITALIZED TO ACQUIRE ACCRETIVE PROJECTS

in the lithium sector and growing EV space



# **CAPITAL OVERVIEW**

CSE	ACME
US OTC	ACLHF
TOTAL OUTSTANDING SHARES (BASIC)	36,247,814

#### LEGAL

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