

<b>DOCKETED</b>	
<b>Docket Number:</b>	20-LITHIUM-01
<b>Project Title:</b>	Lithium Valley Commission
<b>TN #:</b>	243383
<b>Document Title:</b>	Presentation - Convening of the Lithium Valley Commission
<b>Description:</b>	Presentation Slideshow of May 26, 2022 Lithium Valley Commission meeting.
<b>Filer:</b>	Erica Loza
<b>Organization:</b>	California Energy Commission
<b>Submitter Role:</b>	Commission Staff
<b>Submission Date:</b>	6/1/2022 1:56:49 PM
<b>Docketed Date:</b>	6/1/2022



# **Convening of the Lithium Valley Commission**

## **Convocatoria de la Comisión de Lithium Valley**

May 26, 2022



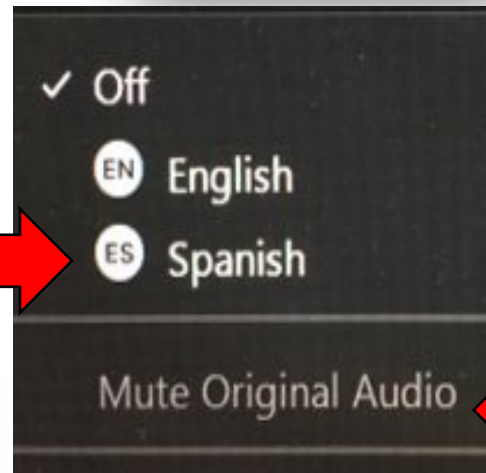
# Interpretation / Interpretación

1) Click globe “Interpretation” icon.



2) Click “ES Spanish” option

3) Click “Mute Original Audio”



1) Haga clic en el icono del globo de interpretación

2) Haga clic donde dice “ES Spanish”

3) Haga clic en “Mute Original Audio”

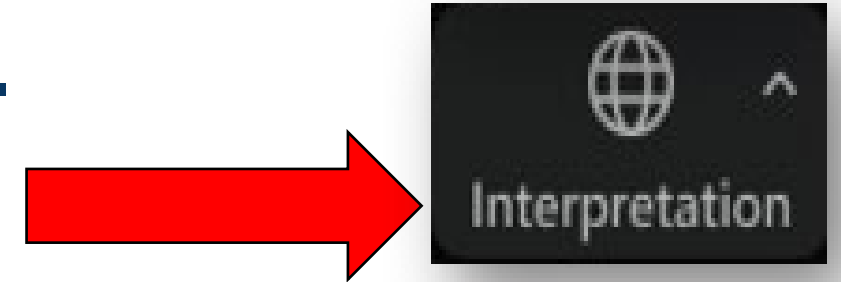
**NOTE:** To access interpretation, download Zoom application on your device. Interpreter will relate everything from English to Spanish during meeting and will inform you when to make public comment. Speak in Spanish and interpreter will relate comments to English.

**NOTA:** Para utilizar la función de interpretación, descargue la aplicación Zoom en su aparato. El intérprete relacionará todo lo dicho en inglés al español durante la junta y le informará cuándo podrá hacer un comentario público. Hable en español y el intérprete relatará sus comentarios en inglés.

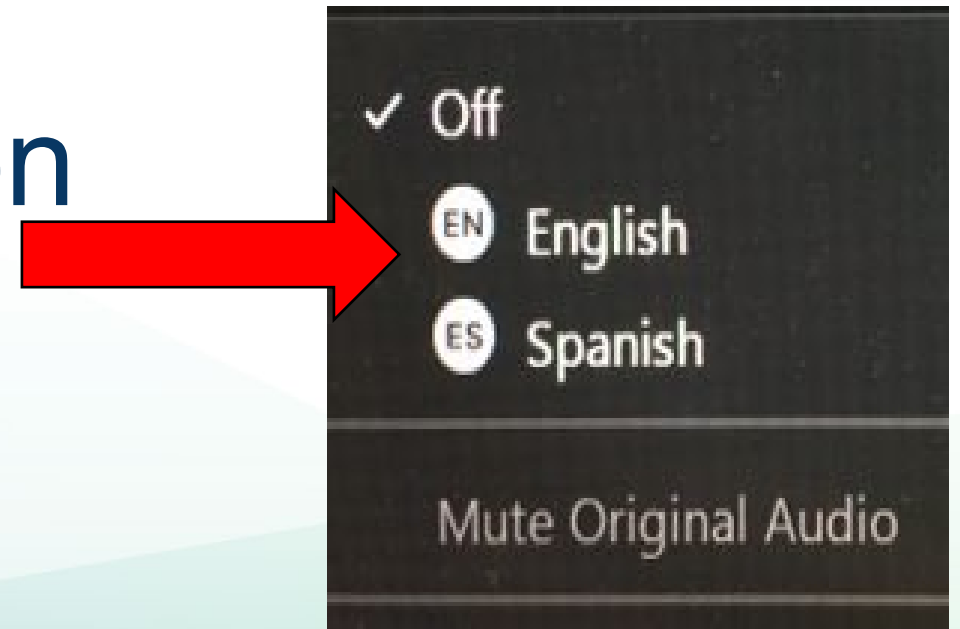


# Steps to Select English Channel

1) Click "Interpretation" icon.



2) Click "EN English" option



3) **DO NOT** select "Mute Original Audio"





# Instructions/ Instrucciones

- Meeting conducted with in person locations and remotely via Zoom
    - Recorded and transcribed by court reporter
  - To participate in public comment
    - By computer: use the “raise hand” feature in Zoom
    - By telephone: dial \*9 to “raise hand” and \*6 to mute/unmute your phone line
  - Questions and Comments can be entered in the Q&A section of the Zoom application
- Reunión realizada de manera presencial y remota a través de Zoom
    - Grabada y transcrita por un taquígrafo judicial
  - Para participar en los comentarios públicos
    - Por computadora: use la función de “levantar la mano” de Zoom
    - Por teléfono: marque \*9 para “levantar la mano” y \*6 para silenciar y activar el sonido



# Instructions/ Instrucciones

- Written comments
  - Submit through the e-commenting system at:  
<https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=20-LITHIUM-01>
- Website and Docket
  - [www.energy.ca.gov/LithiumValleyCommission](http://www.energy.ca.gov/LithiumValleyCommission)
  - <https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=20-LITHIUM-01>
- Comentarios por escrito
  - Se deben enviar a través del sistema de comentarios electrónicos en: <https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=20-LITHIUM-01>



# **Welcome and Roll Call / Bienvenida y paso de lista**



# Agenda / Agenda

1. Welcome and Roll Call
2. Discussion and Possible Action on Draft Findings and Recommendations Identified During the Economic Impacts Workshop Held on May 12, 2022
3. Workshop on Incentives and Investments to Facilitate Lithium Extraction from Geothermal Brines and Development of Lithium-Dependent Products and Business
  1. Overview of Federal, State, and Local Incentives and Research & Development Programs
  2. Opportunities and Strategies for New Incentives and Research & Development Programs
  3. Discussion Among Lithium Valley Commissioners
4. Planning for Upcoming Workshops and Meetings
  1. Future Meeting Schedule and Locations
  2. Discussion of Agenda Topics and Presentations for Future Meetings
    1. Overcoming Challenges to Lithium Extraction Workshop
    2. Tribal Panel
    3. Continuation of Environmental Impacts Workshop
5. Administrative Items
  1. Approval of Meeting Action Minutes for the March 24, 2022 and May 12, 2022
6. Public Comment
7. Adjourn

1. Bienvenida y paso de lista
2. Discusión y posibles medidas sobre los borradores de los resultados y recomendaciones identificados durante el Taller de impacto económico que se realizó el 12 de mayo de 2022
3. Taller sobre incentivos e inversiones para facilitar la extracción de litio de salmueras geotérmicas y el desarrollo de productos y empresas dependientes del litio
  1. Resumen de los Incentivos federales, estatales y locales y de los Programas de investigación y desarrollo
  2. Oportunidades y estrategias para los Incentivos nuevos y los Programas de investigación y desarrollo
  3. Discusión entre los comisionados de Lithium Valley
4. Planificación de próximos talleres y reuniones
  1. Cronograma y ubicación de las futuras reuniones
  2. Discusión de los temas de la agenda y las presentaciones para futuras reuniones
    1. Taller de superación de los desafíos de la extracción de litio
    2. Panel tribal
    3. Continuación del Taller de impacto ambiental
5. Temas administrativos
  1. Aprobación del acta de la reunión del 24 de marzo de 2022 y del 12 de mayo de 2022
6. Temas informativos
  1. Actualización sobre medios y legislación
  2. Actualización sobre el comisionado de Lithium Valley
7. Comentarios del público
8. Cierre de la sesión



# **Workshop on Incentives and Investments to Facilitate Lithium Extraction from Geothermal Brines and Development of Lithium-Dependent Products and Businesses / Taller sobre incentivos e inversiones para facilitar la extracción de litio de salmueras geotérmicas y el desarrollo de productos y empresas dependientes del litio**



# **Workshop on Incentives and Investments to Facilitate Lithium Extraction from Geothermal Brines and Development of Lithium-Dependent Products and Businesses / Taller sobre incentivos e inversiones para facilitar la extracción de litio de salmueras geotérmicas y el desarrollo de productos y empresas dependientes del litio**

- Overview of Federal, State, and Local Incentives and Research & Development Programs
- Resumen de los Incentivos federales, estatales y locales y de los Programas de investigación y desarrollo



# **Karen Skelton**

Senior Advisor to Energy Secretary Jennifer Granholm

# **Samuel Gillard**

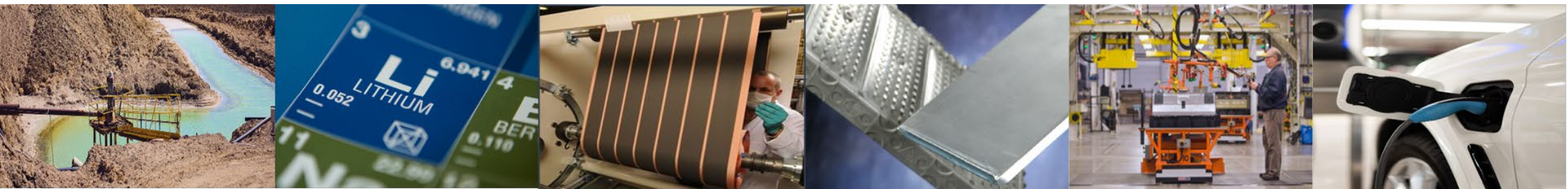
Technology Manager - Battery R&D

Department of Energy



# DOE Battery Supply Chain Activities

May 26, 2022





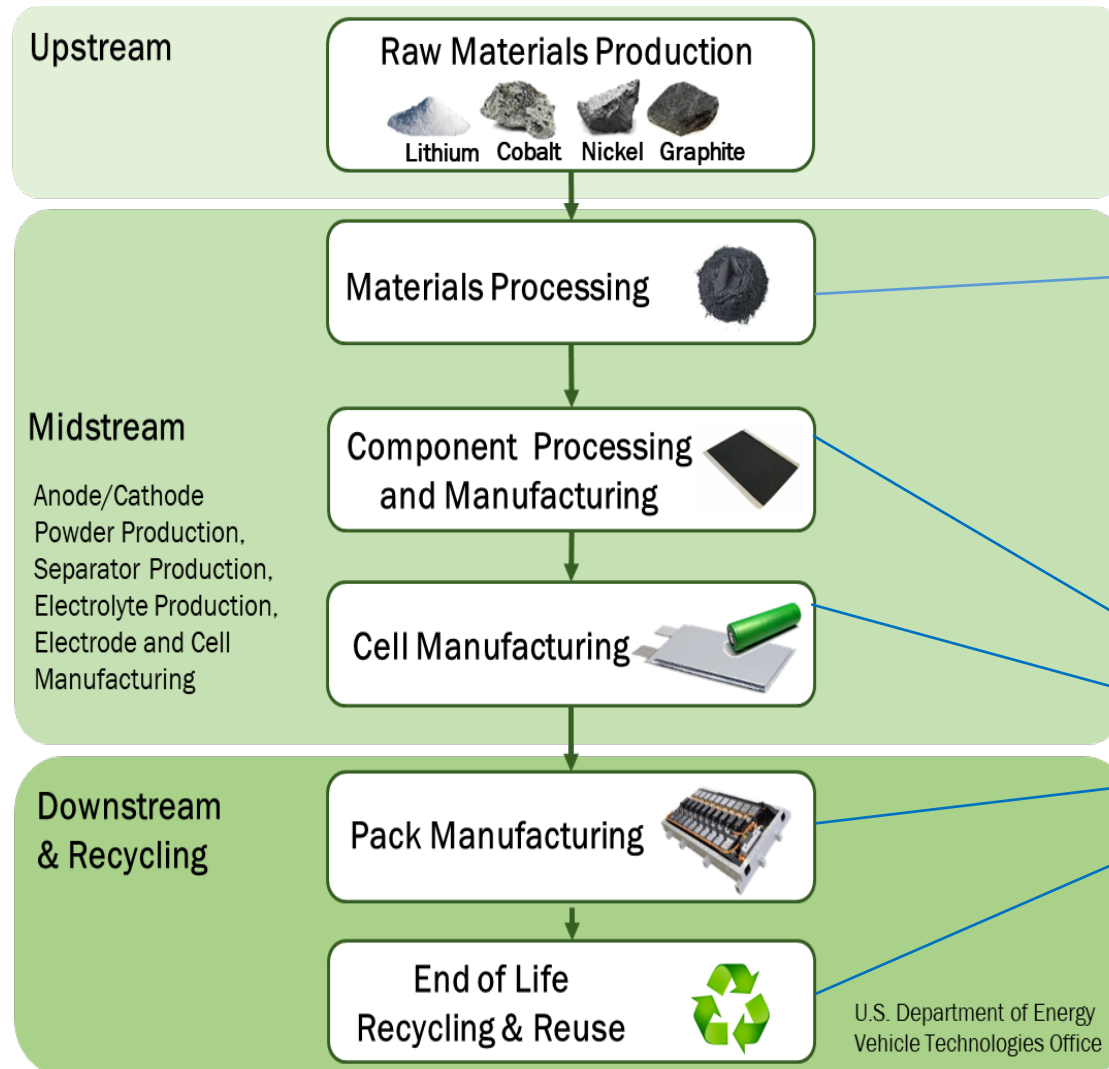


**May 2, 2022**

**Secretary Granholm at  
Focus Hope in Detroit,  
Michigan**

## **Biden Administration Announces \$3.16 Billion from Bipartisan Infrastructure Law to Boost Domestic Battery Manufacturing and Supply Chains**

# Bipartisan Infrastructure Law (BIL) and Battery Supply Chain



## Sec. 40207(b) Battery Material Processing Grants

- Total \$3 Billion Federal over 5 years
- 2022 FOA: \$1.5 Billion Federal (*matched by Applicant*)

## Sec. 40207(c) Battery Manufacturing and Recycling Grants

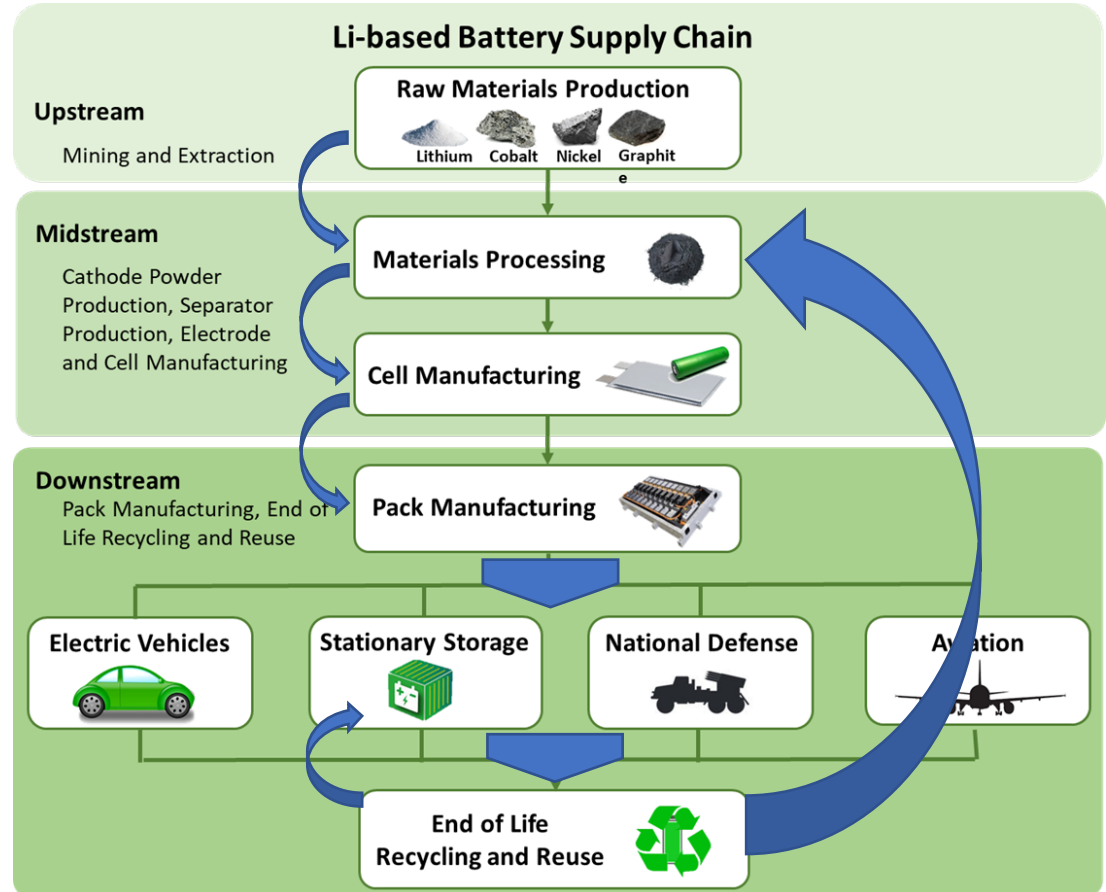
- Total \$3 Billion Federal over 5 years
- 2022 FOA: \$1.6 Billion Federal (*matched by Applicant*)

# DE-FOA0002678 - Bipartisan Infrastructure Law (BIL)

## Battery Materials Processing and Battery Manufacturing

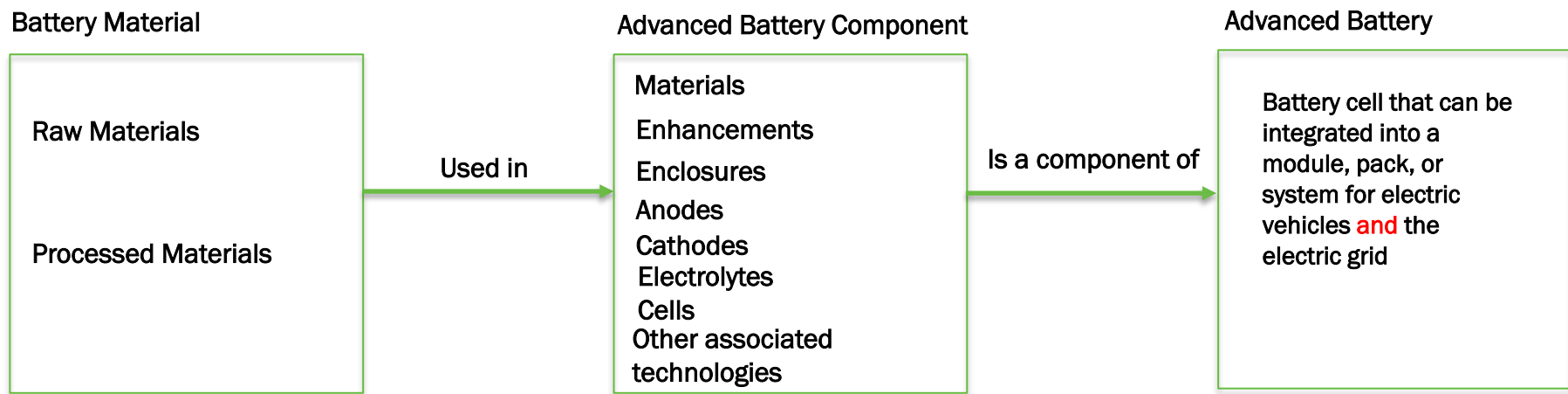
### Applications Encouraged

- Applications that use the domestic upstream supply chain are highly encouraged.
- Applications that use the domestic upstream supply chain, and supply domestic downstream customers are highly encouraged.
- Applications may utilize sources such as geologic deposits, recycled battery materials, unconventional sources such as coal/hard rock mine tailings, refuse material, and acid drainage.

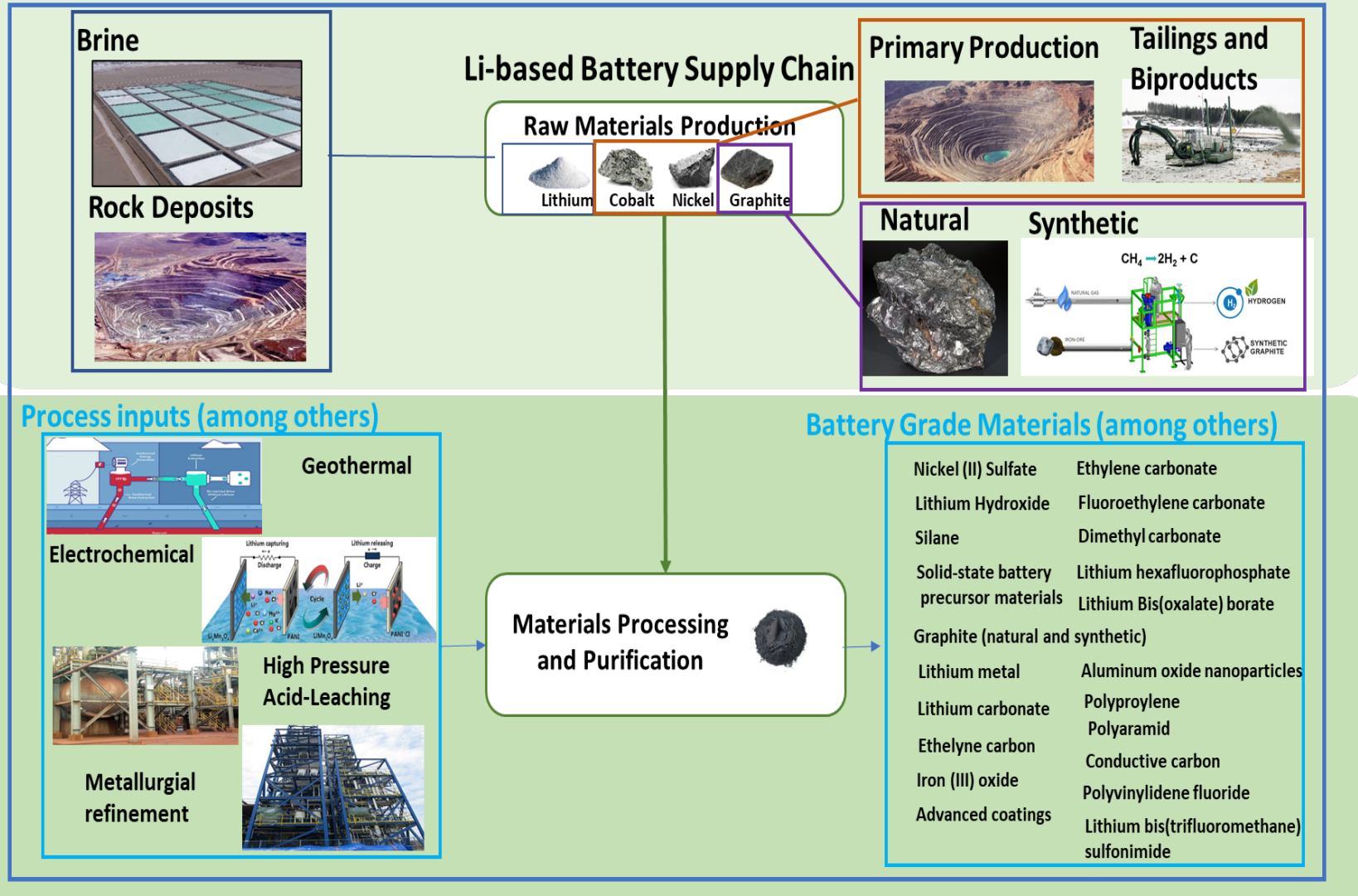


# 40207 Definitions

- (1) Advanced battery.—The term “advanced battery” means a battery that consists of a battery cell that can be integrated into a module, pack, or system to be used in energy storage applications, including electric vehicles and the electric grid.
- (2) Advanced battery component.—
  - (A) In general.—The term “advanced battery component” means a component of an advanced battery.
  - (B) Inclusions.—The term “advanced battery component” includes materials, enhancements, enclosures, anodes, cathodes, electrolytes, cells, and other associated technologies that comprise an advanced battery.
- (3) Battery material.—The term “battery material” means the raw and processed form of a mineral, metal, chemical, or other material used in an advanced battery component.



# Sec. 40207(b) BATTERY MATERIAL PROCESSING GRANTS



Goal: Ensure the U.S. has a viable materials processing industry to supply the North American supply chain

## Areas of Support

- Domestic mineral and extraction of lithium, cobalt, nickel, graphite, manganese, iron, copper, and aluminum
- Domestic refinement and purification of battery grade materials to provide inputs for 40207(c)



# Sec. 40207 (b)(c) Bill Direction

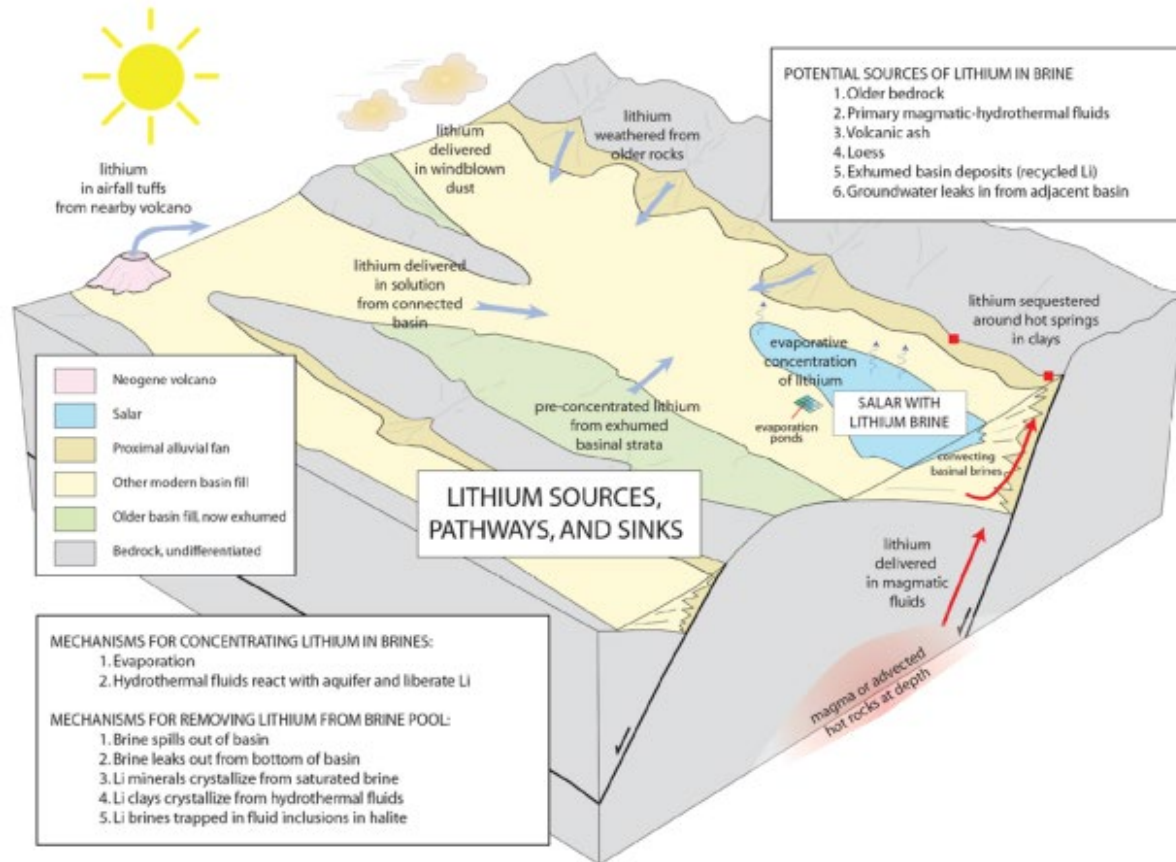
<u>40207(b)</u> BATTERY MATERIAL PROCESSING GRANTS	<u>40207(c)</u> BATTERY MANUFACTURING AND RECYCLING GRANTS
<p><b>(A) GRANTS.—</b></p> <ul style="list-style-type: none"><li><i>(i) battery materials <b>demonstration</b> projects</i></li><li><i>(ii) <b>new commercial-scale</b> battery material processing <b>facilities</b></i></li><li><i>(iii) to <b>retool, retrofit, or expand</b> existing battery material processing <b>facilities</b></i></li></ul>	<p><b>(A) GRANTS.—</b></p> <ul style="list-style-type: none"><li><i>(i) <b>demonstration</b> projects for battery component manufacturing, battery manufacturing, and recycling;</i></li><li><i>(ii) <b>new commercial-scale</b> battery component manufacturing, battery manufacturing, or recycling <b>facilities</b></i></li><li><i>(iii) <b>retool, retrofit, or expand</b> existing facilities</i></li></ul>
<p><b><u>40207(b) and 40207(c)</u></b></p> <p><b>(B) AMOUNT LIMITATION.—</b><i>The amount of a grant awarded under the program shall be not less than—</i></p> <ul style="list-style-type: none"><li><i>(i) <u>\$50,000,000</u> for an eligible entity carrying out <u>1 or more</u> projects described in subparagraph (A)(i);</i></li><li><i>(ii) <u>\$100,000,000</u> for an eligible entity carrying out <u>1 or more</u> projects described in subparagraph (A)(ii);</i></li><li><i>(iii) <u>\$50,000,000</u> for an eligible entity carrying out <u>1 or more</u> projects described in subparagraph (A)(iii)</i></li></ul>	

# DE-FOA0002678 - Bipartisan Infrastructure Law (BIL)

## Battery Materials Processing and Battery Manufacturing

Focus	Criteria	Weight
<b>Technically Viable and Impactful</b>	Technical Merit, Project Management, and Impact	30% <i>(40% for Demonstration Projects)</i>
<b>Commercially Viable</b>	Commercialization and Market Acceptance	30% <i>(20% for Demonstration Projects)</i>
<b>Applicant/Team is Capable of Successfully Completing Project</b>	Strength of Cost Share	10%
	Qualifications and Resources	10%
<b>Community Impact</b>	Equity Plan: Quality Jobs & Community Benefits	20%

# Lithium Valley Analysis Project with EERE-GTO



## Improved Quantification of Li Resources for Lithium Valley (12 Months, \$1.2M)

- Quantification efforts underway
  - Advanced Characterization techniques for multiple lithium containing rock deposits underway using SEM and laser ablation
  - Advanced diagnostics for geothermal brine using PCA
  - Water and emissions data being collected from existing GT power plant in SS
  - Thermodynamic modeling using data from BRGM (France) and University of Oregon
- Ongoing coordination with CalGEM and CGS
  - Potential collaboration opportunity in modeling with University of Auckland





# **Daniel Adler**

Deputy Director for Climate Finance

California Infrastructure and Economic Development Bank (IBank)

Governor's Office of Business and Economic Development



# California Infrastructure and Economic Development Bank (IBank)

Lithium Valley Commission, May 2022

Dan Adler, Deputy Director for Climate Finance

# About Us



IBank is the state of California's only general-purpose financing authority. IBank provides financial assistance to support infrastructure and economic development in California.

Created by the Legislature in 1994

Finance public infrastructure

Finance private development

Create jobs and a strong economy

Improve quality of life for the people of California

Broad authority to issue tax-exempt and taxable revenue bonds

Provide financing to public agencies

Leverage state and federal funds

Green financing

# IBank Core Programs



## **Infrastructure State Revolving Fund Program**

**Direct Loans for  
Public/Nonprofit  
Borrowers**



## **Climate Financing**

**Direct loans and  
flexible climate  
financing, for  
Public, Nonprofit  
and Private  
Borrowers**



## **Bond Financing Program**

**Conduit Revenue  
Bond Financing**



## **Small Business Finance Center**

**Loan guarantees that  
support small business**



**Infrastructure State  
Revolving Fund  
Program**



**Climate  
Financing**

**Streets  
Highways  
Transit**

**Educational  
Cultural  
Social**

**Power  
Broadband  
Industrial**

**Parks  
Recreation  
Public Safety**

**\$50,000 to  
\$25 Million**

**Ports  
Airports  
Goods  
Movement**

**Greenhouse  
Gas  
Reduction**

**Water  
Conservation  
Collection  
Treatment  
Distribution**

**Environmental  
Mitigation &  
Preservation**

**\$500,000 to  
\$30 Million**



# Bond Financing Program

Government or privately owned facilities that benefit general public

Exempt Facility

Public Agency Revenue

Government entities

Manufacturing and processing companies for construction or acquisition of facilities

Industrial Development

501(c)(3)

Nonprofit public benefit corporations for acquisitions and/or improvements to facilities





# Small Business Financing and Other Climate Financing



**Small Business  
Finance Center**

Supports businesses throughout the state with various programs.

California Rebuilding Fund



**Climate  
Catalyst**

Jumpstart critical climate solutions through flexible, low-cost credit and credit support

Open to both private and public sector applicants

Initial focus will be on projects that reduce wildfire threats through forest biomass management and utilization, with new sectors pending for FY22-23

## Contact Us

**ibank@ibank.ca.gov**

**916.341.6600**

**Follow Us on Social Media**



**www.ibank.ca.gov**





# **Trelynd Bradley**

Senior Business Development Specialist

Governor's Office of Business and Economic Development (GO-Biz)

# California Incentive Programs – Lithium Valley Commission



**Governor's Office of Business and  
Economic Development (GO-Biz)**

**Trelynd Bradley**

**Senior Business Development Specialist**

**[Trelynd.Bradley@GOBIZ.CA.GOV](mailto:Trelynd.Bradley@GOBIZ.CA.GOV)**



# Governor's Office of Business and Economic Development (GO-Biz)



## GO-Biz Mission

- Point of contact for economic development and job creation efforts
- Offers services to business owners, communities, and site selectors



## California Business Investment Services

- Tailored consultation, site selection, and incentive navigation for business
- Provide communities business incentive identification tools/resources



## Community Based Solutions / Place-Based Support

- Tailored consultation for communities / local governments / EDO's
- Opportunity Zones, Tax Increment Financing Tools, Promise Zones



## Additional GO-Biz Teams / Services

- Permit Assistance, International Affairs & Trade, Office of the Small Business Advocate, External Affairs, California Competes Tax Credit



## 1. Identifying Incentive Opportunities

- GO-Biz and California Business Comeback Guide
- California Grants Portal
- Federal Grants E-List

## 2. California Incentive Programs

- Income Tax Credits (i.e. CalCompetes, R&D)
- Tax Exemptions / Exclusions (i.e. Partial, CAEATFA)
- Employment Training Panel
- 



## 3. Place-Based Incentives

- Opportunity Zones / New Markets
- Tax Increment Financing Tools (EIFDs) (CRIAs)



# Incentives for California Businesses

GO-Biz provides no-cost, confidential services for incentive navigation.




[business.ca.gov](https://business.ca.gov)



# California Business Comeback Guide

Single Index-Like Document with All Business Incentives Listed



## CALIFORNIA BUSINESS COMEBACK GUIDE

JANUARY, 2022

GOVERNOR'S OFFICE OF BUSINESS & ECONOMIC DEVELOPMENT (GO-BIZ)

GAVIN NEWSOM, GOVERNOR  
DEE DEE MYERS, DIRECTOR

### OVERVIEW

On July 12th, 2021, Governor Gavin Newsom signed a transformative budget, including the largest economic and business recovery package in California state history. The historic budget includes an array of funding opportunities, relief programs, and business incentives to accelerate an innovative and resilient economic recovery.

This guide is intended to help businesses and for-profit entities identify relevant new and existing state funding resources for recovery and success.

### ABOUT GO-BIZ

The Governor's Office of Business and Economic Development ("GO-Biz") serves as California's single point of contact for business, economic development, and job creation efforts.


GO-Biz offers a range of services to business owners including: attraction, retention and expansion services, site selection, permit streamlining, small business assistance, international trade development, and assistance in navigating state programs and regulations.

BUSINESS DEVELOPMENT & BUSINESS SUPPORT							
INCENTIVE NAME	TYPE	AUTHORITY	ELIGIBILITY	TOTAL \$ AVAILABLE	MAX AWARD	TIMING	CONTACT
<u>CALIFORNIA COMPETES GRANT *NEW*</u>	STATE GRANT	<u>STATE: GO-BIZ</u>	QUALIFYING BUSINESSES	\$120,000,000 ONE TIME	\$36,000,000	JAN 3 - JAN 24, 2022	EMAIL: <u>CALCOMPETES@GOBIZ.CA.GOV</u> PHONE: 916-322-4051
<u>CALIFORNIA COMPETES TAX CREDIT (CCTC)</u>	STATE INCOME TAX CREDIT	<u>STATE: GO-BIZ</u>	ANY BUSINESS	\$394,707,469 IN FY	20% OF TOTAL AMOUNT IN FY	JAN 2022 & MAR 2022	EMAIL: <u>CALCOMPETES@GOBIZ.CA.GOV</u> PHONE: 916-322-4051
<u>CAPITAL INVESTMENT INCENTIVE PROGRAM (CIIP)</u>	PROPERTY TAX REBATE	LOCAL	SPECIFIED MFG BUSINESSES	BASED ON ASSESSMENT	VARIES	ONGOING	EMAIL: <u>CALBIS@GOBIZ.CA.GOV</u> PHONE: 877-345-4633
<u>CASF BROADBAND INFRASTRUCTURE GRANT</u>	STATE GRANT	<u>STATE: CPUC</u>	TELEPHONE / WIRELESS BUSINESSES	\$300,000,000	\$5,000,000	JAN, 31, 2022	EMAIL: <u>CASF APPLICATION QUESTIONS@CPUC.CA.GOV</u>
<u>ELECTRIC PROGRAM INVESTMENT CHARGE (EPIC)</u>	STATE GRANTS	<u>STATE: CEC</u>	QUALIFYING ENERGY BUSINESSES	VARIES BY PROGRAM	VARIES BY PROGRAM	ONGOING	EMAIL: <u>ERDD@ENERGY.CA.GOV</u>
<u>FILM &amp; TV - SOUNDSTAGE TAX CREDIT *NEW*</u>	STATE TAX CREDIT	<u>STATE: GO-BIZ-CFC</u>	ELIGIBLE PROJECTS	\$150,000,000 ONE TIME	\$12,000,000 (SEASON/FILM)	PENDING	EMAIL: <u>SOUNDSTAGEINCENTIVE@FILM.CA.GOV</u>
<u>FILM &amp; TV - TAX CREDIT 3.0</u>	STATE TAX CREDIT	<u>STATE: GO-BIZ - CFC</u>	QUALIFYING MOTION PICTURES	\$410,000,000 IN FY	VARIES BY APPLICANT TYPE	JAN & MAR 2022	EMAIL: <u>INCENTIVEPROGRAM3@FILM.CA.GOV</u>

Comeback Guide

# State Funding Spotlight: California Grants Portal

Grants.ca.gov is managed and hosted by the California State Library and provides a centralized location to find state grant opportunities in the State of California.



Find Grants About This Site Using This Site For State AgenciesSubscribe News Contact

Subscribe to our newsletter to receive email notifications on state grant or loan opportunities that are posted by state agencies.

## FIND YOUR OPPORTUNITY

I am Business, Public Agency looking for funding in Housing, Community and Economic Development sector with at least Any Timeframe until the application deadline.

Show Me the Opportunities SHOW ME EVERYTHING

## FIND GRANTS

SAVE CURRENT REFINEMENTS

REFINE RESULTS

Keyword search:

What are you looking for?

Search ...

Show:

☒ Forecasted Opportunities ☒ Active ☐ Closed

Do not show:

☐ Loan Opportunities ☐ Opportunities requiring matched funding

☒ CLEAR SEARCH TERM(S)

Apply

Filter grants by...

AGENCIES

Any Agency

CATEGORY

Housing, Community and Eco...

ELIGIBLE APPLICANT

Business, Public Agency

DISBURSEMENT METHOD

Any Disbursement Method

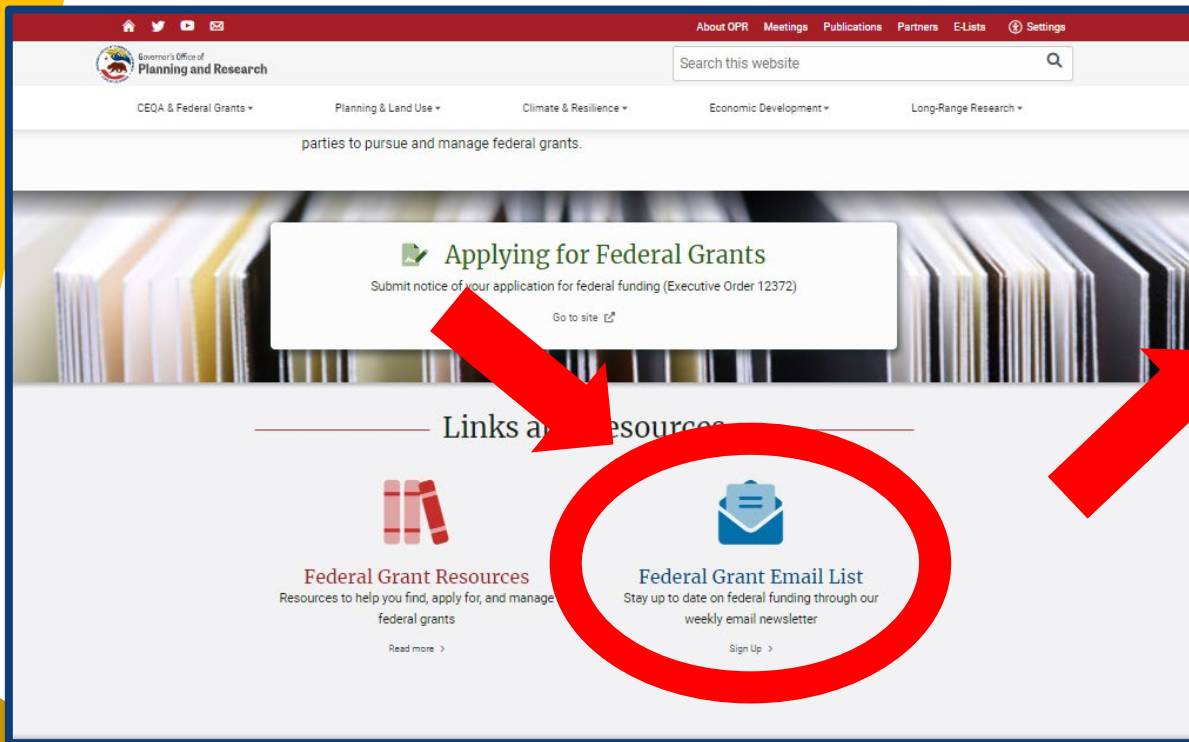
Displaying 1 - 9 of 9 20 Go

Deadline	Grant Title	Open Date	State Agency / Department	Match Funding?	Estimated Total Funding	Estimated Low/High	Funds Disbursement
4/30/21 Active	2021 Community Development Block Grant NOFA	Feb 10, 2021	Department of Housing and Community Development	No	\$30,000,000	Dependent	Reimbursement(s)
6/30/21 Active	California State Library High-Speed Broadband Grant	Aug 21, 2020	CA State Library	N/A	\$5,000,000	Dependent	Advance(s)
Ongoing Active	Vibrant Recreation and Tourism Directed Grant Program	Jul 13, 2020	Sierra Nevada Conservancy	No	\$1,000,000	Dependent	Advances & Reimbursement(s)
Ongoing Active	Sales Tax Exclusion (SIE) Program	Jan 1, 2020	State Treasurer's Office	No	\$100,000,000	Dependent	Advances & Reimbursement(s)

[grants.ca.gov](https://grants.ca.gov)

# Federal Funding Spotlight: OPR Federal Grants

The California Governor's Office of Planning and Research (OPR) provides technical assistance to state agencies, local governments, institutions of higher learning, and nonprofit organizations, on how to find, apply and manage federal grants.





# California Competes Tax Credit Program (CCTC)

- **Credit against income tax due to Franchise Tax Board**
  - Over 5-year period
  - Non-refundable / 6 tax year carryover
  - Three rounds in a fiscal year. Next Application Period:
    - August 2022
- **Use and accountability:**
  - For business expansion, retention, and attraction
  - Tied to achieving contract employee/investment milestones



# R&D Corporate Income Tax Credit

- **Available to taxpayers engaged in qualified research activities in CA – claimed on tax returns**
- **Qualified Research Expense**
  - Wages, supplies, contract research costs
  - Include basic or applied research of scientific inquiry, original investigation for the advancement of scientific or engineering knowledge or improved function of a business component
  - 15% of the excess of current year research expenditures over a computed base amount (minimum of 50% of research expense) OR
  - 24% credit for basic research payments to 3<sup>rd</sup> party organizations

<https://www.ftb.ca.gov/file/business/credits/california-research.html>



# New Employment Credit

- **Income tax credit at 35% of qualified wages up to 5 years**
- **Eligible employees include:**
  - Unemployed for longer than 6 months immediately preceding hire
  - Veteran separated from U.S. Armed Forces in the preceding 12 months
  - Earned Income Tax Credit recipient in previous taxable years
  - Ex-offender convicted of a felony
  - Current CalWORKS or general assistance recipient
- **Pay Qualified Wages**
  - Wages must exceed 150% of the employer's State minimum wage
- **Within a Designated Geographic Area (DGA)**
  - Designated census tracts that have the highest unemployment and highest poverty in the State



# Homeless Hiring Tax Credit

- **Eligible employees must meet the following requirements:**
  - Be currently/recently homeless (within 180 days of hire) or be receiving services from a homeless services provider, and
  - Receive a certificate through a certifying organization. The certificate expires 1 year after issuance.
- **The credit is available for taxable years beginning January 1, 2022 through December 31, 2026.**
  - Employers may receive \$2,500 to \$10,000 in tax credit per eligible employee based on hours worked in the taxable year. Employers may claim up to \$30,000 of credit per taxable year.
- **To claim the HHTC, employers will need to**
  - Obtain a certificate for each eligible employee from a certifying organization.
  - Pay wages equal to or greater than 120% of the state minimum wage.
  - Make a tentative credit reservation within 30 days of completing the New Hire reporting requirement with the Employment Development Department.

<https://www.ftb.ca.gov/file/business/credits/homeless-hiring-tax-credit/index.html>



# Partial Sales & Use Tax Exemption

- **Partial Exemption applies only to the state sales and use tax rate**
  - General Manufacturing and R&D: 3.9375%
  - Agricultural – Farm Equipment & Machinery: 5%
  - Research & Development
- **Claimed when purchasing equipment**
- **Administered by the CA Department of Tax & Fee Administration (CDTFA)**
  - Get it in Writing Program



## CA Alternative Energy & Advanced Transportation Authority (CAEATFA - Full Sales & Use Tax Exclusion)

- Applications accepted on rolling basis, competitive process
- **4 Categories of Manufacturers:**
  - Alternative Source product manufacturers,
  - Advanced Transportation Technologies,
  - Advanced Manufacturers, and
  - Manufacturers that process Recycled feedstock or utilize Recycled feedstock in the production of another product or soil amendment.
- **Originally limited to \$10M of STE. However, \$15M of STE is available for the Board to award to Applicants seeking more than the \$10M cap in STE, not to exceed \$20M.**
- **\$20M in STE will be set aside for smaller projects that are seeking an STE award of \$2 million or less.**

<https://www.treasurer.ca.gov/caeatfa/ste/faq.asp>





# Employment Training Panel

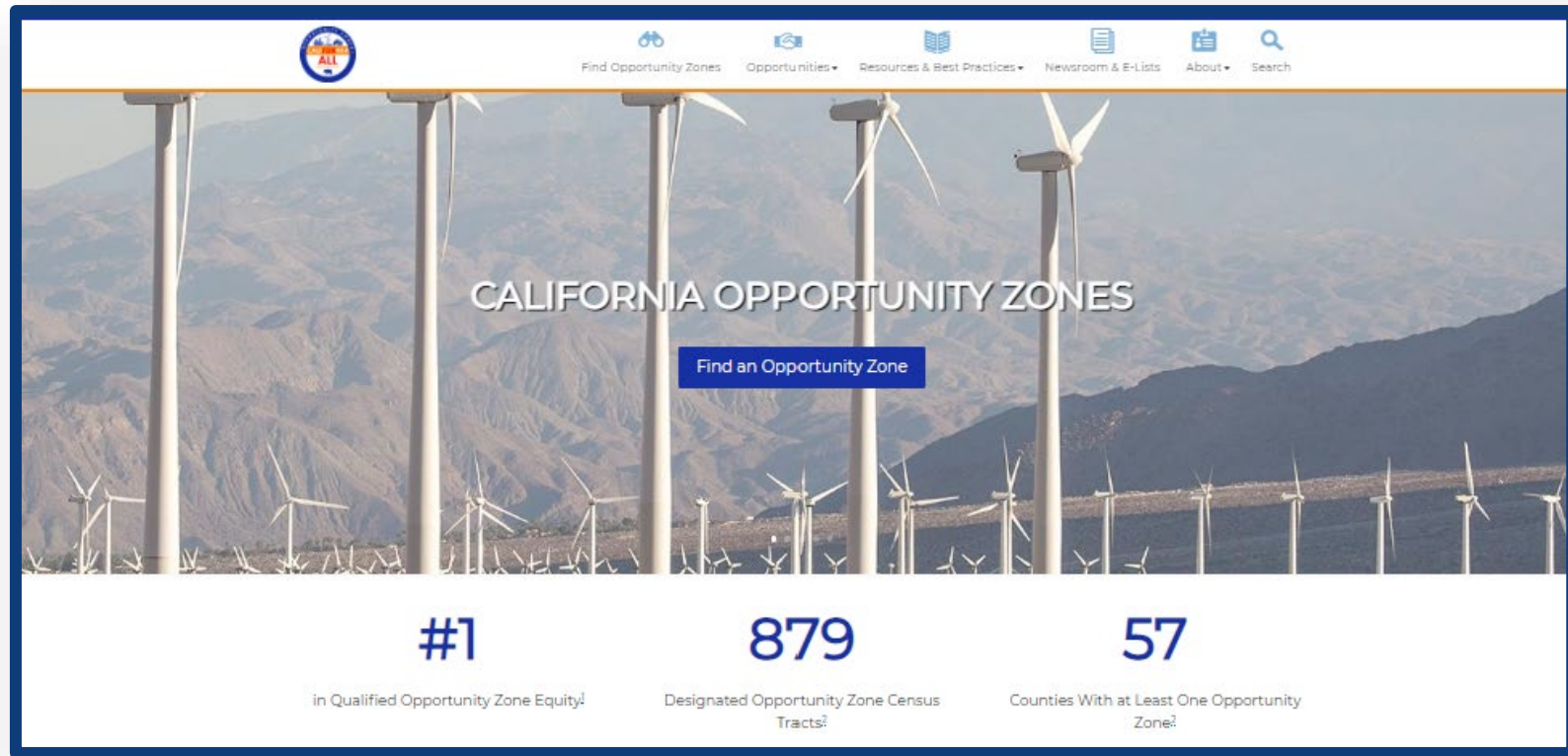
- **Training Reimbursement for Employers – funding allocations**
  - Training Cap - \$500,000 for Single Employer Contract
    - Critical Proposal Designation Cap: \$600,000
    - Focus on new job creation projects
  - Priority Industries: The Panel has designated the following industry sectors as “Priority Industry” for purposes of a higher fixed fee reimbursement rate than the standard rate.
    - Agriculture
    - Allied Healthcare
    - Biotechnology and Life Sciences
    - Construction
    - Green/Clean Technology
    - Goods Movement and Transportation Logistics
    - Information Technology Services
    - Manufacturing/Food Production
    - Multimedia/Entertainment
    - Technical Services

<https://etp.ca.gov/>



# California Opportunity Zones

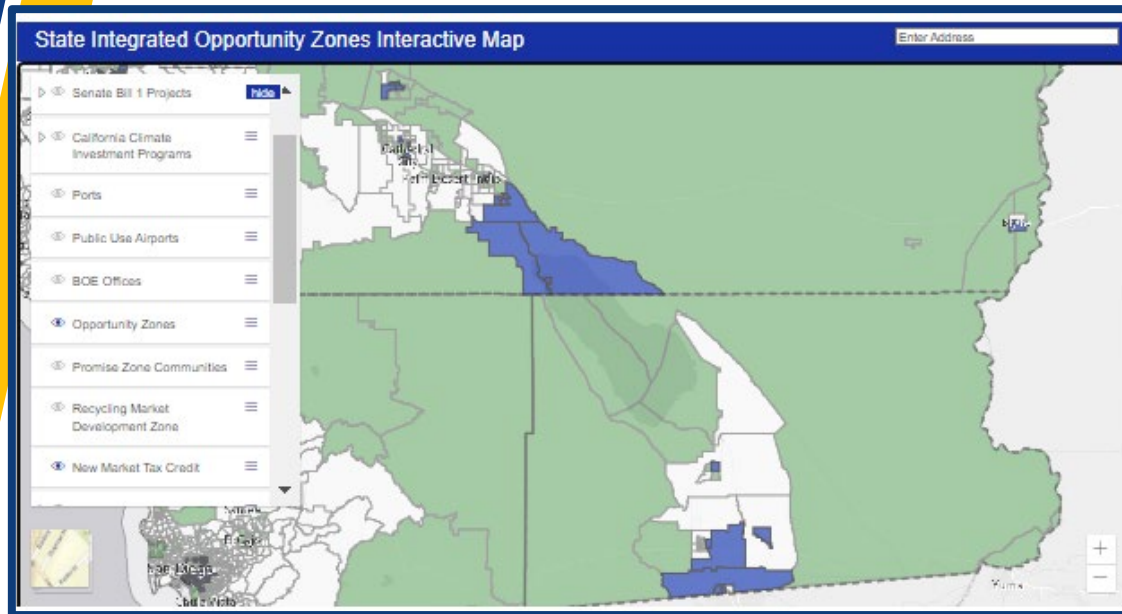
*GO-Biz provides no-cost services for understanding and navigating OZs.*



[opzones.ca.gov](https://opzones.ca.gov)

# California Opportunity Zones

GO-Biz provides no-cost services for understanding and navigating OZs.



## Community Convening

The unique place-based designation of Opportunity Zones draws in a wide array of actors at the local level to discuss community and economic development.

[Learn more](#)



## Federal Tax Incentive

Opportunity Zones provide several federal tax incentives for investors if their invested capital gains are made through a Qualified Opportunity Fund (QOF).

[Learn more](#)



## Federal Priority Consideration

To date, the federal government has identified more than 270 Federal grants, loans and/or programs whereby targeting, preference, or additional support can be provided to Opportunity Zones.

[Learn more](#)

## What are the benefits?



**Capital Gains Tax Deferral:** Can defer payment of federal taxes on the realized gains of the investment as late as December 31, 2026



**Capital Gains Tax Reduction:** Can potentially reduce tax bill on the capital gains deferred by 10% or by 15% if the investment meets the five- or seven-year window



**Elimination of Taxes on Future Gains:** If investment qualifies and is held in a QOF for at least ten years, there is no requirement to pay federal capital gains taxes on any realized gains from the investment

## Supporting Lithium Valley | Economic Development Districts (EIFDs, CRIAs, OZs)

### Economic Development Districts

California hosts a multitude of place-based tools and districts to support local agencies in propelling business and economic development – whether that is through infrastructure, affordable housing, transportation, or direct assistance to businesses. These tools and districts offer a range of capabilities, such as funding direct construction, providing streamlined environmental review, or allowing for grants and financing directly to business and property owners.

Due to the place-based nature of many of these districts, they pair well with one another, as together they can facilitate the layering of mixed forms of public and private capital in the stack of project development. Across California, local agencies are evaluating, creating, and cataloging many of these districts alongside one another and establishing creative models to spur economic development in areas of economic distress and need.

[Contact us](#)

#### Popular Districts

Business Improvement Districts (BIDs)

Community Facilities Districts (CFDs)

Community Revitalization & Investment Authorities (CRIAs)

Enhanced Infrastructure Financing Districts (EIFDs)

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#### Other Districts

Affordable Housing Authorities (AHAs)

Annexation Development Plan Area (ADPs)

Housing Sustainability Districts (HSDs)

Infrastructure and Revitalization Financing Districts (IRFDs)

Infrastructure Financing Districts (IFDs)

Neighborhood Infill Finance and Transit Improvement Districts (NIFTI 1 and 2)

Seaport Infrastructure Financing Districts (SIFD)

Workforce Housing Opportunity Zones (WFOZs)

- Importance of capturing projected value to finance projects that align with community-led goals and needs
- Cities and counties across California are using tax-increment financing for their communities to support such projects
- These districts are used to **finance** redevelopment, community projects, or other investments using the anticipation of future **tax** revenue resulting from new development. (Capturing future value from property tax to support infrastructure and projects)
- **Examples:** Fresno, Humboldt, Palmdale, La Verne, West Sacramento, Fullerton



# Thank you!



**Governor's Office of Business and  
Economic Development (GO-Biz)**

**Trelynd Bradley**

**Senior Business Development Specialist**

**[Trelynd.Bradley@GOBIZ.CA.GOV](mailto:Trelynd.Bradley@GOBIZ.CA.GOV)**





# **Peter Streit**

Investment Officer

California Organized Investment Network (COIN)



# **Discussion among Lithium Valley Commissioners / Discusión entre los comisionados de Lithium Valley**



# **Workshop on Incentives and Investments to Facilitate Lithium Extraction from Geothermal Brines and Development of Lithium-Dependent Products and Businesses / Taller sobre incentivos e inversiones para facilitar la extracción de litio de salmueras geotérmicas y el desarrollo de productos y empresas dependientes del litio**

- Opportunities and Strategies for New Incentives and Research & Development Programs
- Oportunidades y estrategias para los Incentivos nuevos y los Programas de investigación y desarrollo



# **John Gay, PE**

Director of Public Works

County of Imperial



# **Jonathan Weisgall**

Vice President, Government Relations

Berkshire Hathaway Energy



# **Discussion among Lithium Valley Commissioners / Discusión entre los comisionados de Lithium Valley**



# Public Comment / Comentarios del público

## Comment Instructions:

Limited to 3 minutes per comment

**By computer:** use “raise hand” feature in Zoom

**By telephone:** dial \*9 to “raise hand” and \*6 to mute/unmute your phone line

\*\*\*\*\*

Instrucciones para los comentarios:

Límite de 3 minutos por comentario

**Por computadora:** use la función de “levantar la mano” de Zoom

**Por teléfono:** marque \*9 para “levantar la mano” y \*6 para silenciar y para activar el sonido







# **Discussion and Possible Action on Draft Findings and Recommendations Identified During the Economic Impacts Workshop Held on May 12, 2022 / Discusión y posibles medidas sobre los borradores de los resultados y recomendaciones identificados durante el Taller de impacto económico que se realizó el 12 de mayo de 2022**



# Public Comment / Comentarios del público

## Comment Instructions:

Limited to 2 minutes per comment

**By computer:** use “raise hand” feature in Zoom

**By telephone:** dial \*9 to “raise hand” and \*6 to mute/unmute your phone line

\*\*\*\*\*

Instrucciones para los comentarios:

Límite de 2 minutos por comentario

**Por computadora:** use la función de “levantar la mano” de Zoom

**Por teléfono:** marque \*9 para “levantar la mano” y \*6 para silenciar y para activar el sonido





# Planning for Upcoming Workshops / Planificación de próximos talleres y reuniones

- Future Meeting Schedule and Locations
- Cronograma y ubicación de las futuras reuniones



# Planning for Upcoming Workshops / Planificación de próximos talleres y reuniones

- Discussion of Agenda Topics and Presentations for Future Meetings
  - Overcoming Challenges to Lithium Extraction Workshop
  - Tribal Panel
  - Continuation of Environmental Impacts Workshop
  - Benefit to/of geothermal Power Plants
- Discusión de los temas de la agenda y las presentaciones para futuras reuniones
  - Taller de superación de los desafíos de la extracción de litio
  - Panel tribal
  - Continuación del Taller de impacto ambiental



# Public Comment / Comentarios del público

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# Administrative Items / Temas administrativos

- Approval of Meeting Action Minutes for
  - March 24, 2022
  - May 12, 2022
- Aprobación del acta de la reunión del
  - 24 de marzo de 2022
  - 12 de mayo de 2022





# Public Comment / Comentarios del público

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# Informational Items/ Temas informativos

- Media and Legislative Updates
- Lithium Valley Commissioner Updates
- Actualización sobre medios y legislación
- Actualización sobre el comisionado de Lithium Valley



# Public Comment / Comentarios del público

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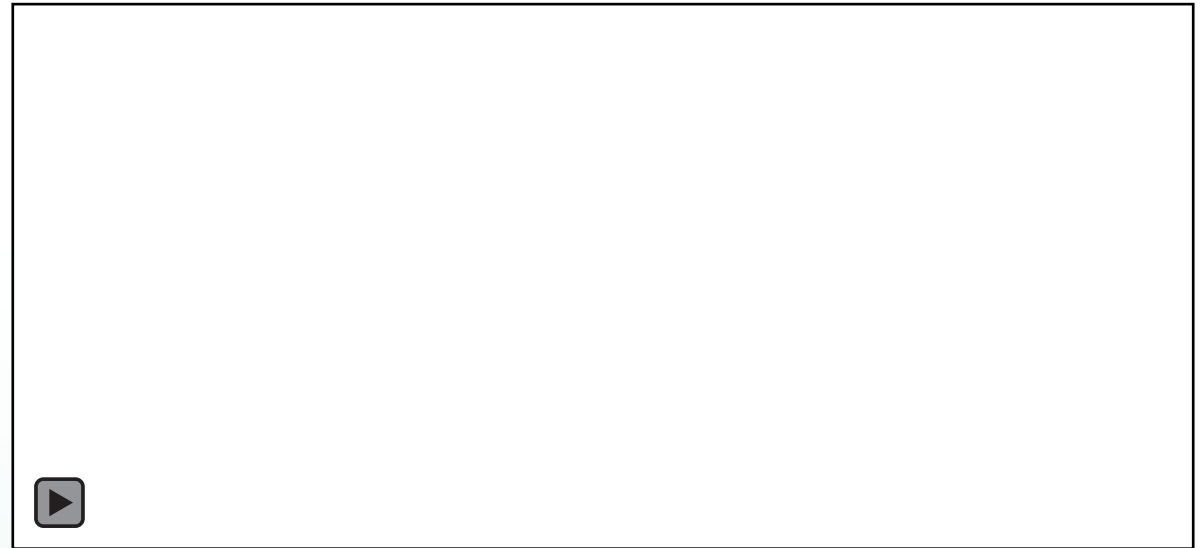
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# Adjourn / Levantar la sesión

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Webpage / Página Web: [www.energy.ca.gov/LithiumValleyCommission](http://www.energy.ca.gov/LithiumValleyCommission)  
List Serv / Lista de Correo Electrónico: Lithium Valley Commission

# Thank you!

# ¡Gracias!

[LithiumValleyCommission@energy.ca.gov](mailto:LithiumValleyCommission@energy.ca.gov)



# Break / Receso

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Return at / Volvemos a las

[LithiumValleyCommission@energy.ca.gov](mailto:LithiumValleyCommission@energy.ca.gov)