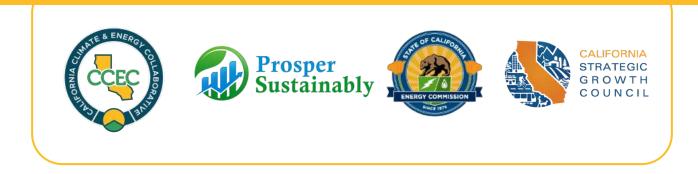


12th Annual CCEC Forum: Lunch 4 August 12, 2021 | 12:00 - 1:15 pm

BPC Spotlight: How Local Governments Can Be Competitive in Today's Funding Climate







— Our sponsors for making the forum possible!





Local Governments Empowering Our Communities











Thank you to...





Zoom Features

Microphone

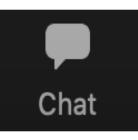
Keep yourself **muted** so that we can hear our speakers clearly

Unmute yourself when speaking

Chat

Communicate with other participants or reach out to LGC staff if you encounter technical issues.

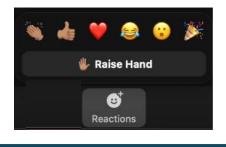
Unmute



Reactions

Click the icon to **raise your hand** to ask to speak verbally.

We encourage the use of emojis!





Today's Lunch Event

How Local Governments Can Be Competitive in Today's Funding Climate

PURPOSE: Experts will review changing trends in relevant energy/climate funding sources, eligibility, and selection criteria and provide tips for how to write a competitive proposal to advance your organization's strategic goals

Agenda

- Introductions and groundsetting
- Trends in local energy and climate funding in CA
 - Strategic Growth Council
 - California Energy Commission
- Tips for pursuing funding
 - Prosper Sustainably
- CCEC's Funding Resources
 webpage
- Q&A



Meet our Speakers!



Moderator Angie Hacker Statewide Best Practice Coordinator, Local Government Commission



Ena Lupine

Community Assistant

Program Manager,

Strategic Growth Council





Katrina Leni-Konig

Specialist, California Energy Commission Josh Simmons President & Founder/Principal

Consultant, Prosper Sustainability



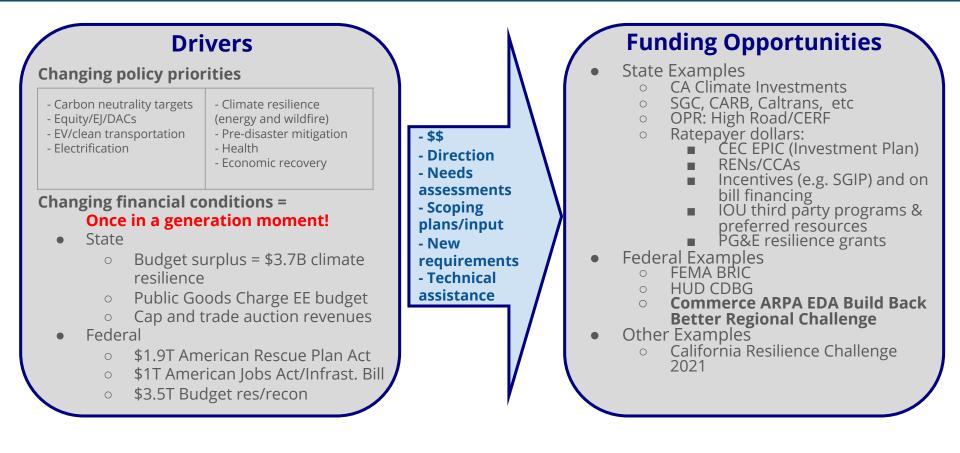


Today's Funding Climate





Changes in Funding for LGs in CA





Challenges in Accessing LG Funding

- ➤ Low Priority
- Lack of Champion/Leadership
- Conflict of Interest
- Disproportionate
 Burden/Prior Disadvantage
- > Inappropriate Funding Scale
- Disjointed Risk Structure
- Inability to Make the Economic Case
- Chronic Underfunding or Basic Lack

- Siloed Government
 Syndrome
- Lack of Capacity (I and II)
- > Discontinuous Funding
- Aversion of Innovation
- ➤ Funding Biases
- Lack of Knowledge About Funding Sources or Happenstance
- ≻ Eligibility

Source: Moser, Ekstrom, Kim, Heitsch



Meet our Speakers!



Moderator Angie Hacker Statewide Best Practice Coordinator, Local Government Commission



Ena Lupine Community Assistant Program Manager, Strategic Growth Council





Katrina Leni-Konig

Specialist, California Energy Commission Josh Simmons President & Founder/Principal Consultant, Prosper Sustainability



How Local Governments Can Be Competitive in Today's Funding Climate

12th Annual California and Energy Collaborative Forum



CALIFORNIA STRATEGIC GROWTH COUNCIL

Agenda

- California Climate Investments Programs
- California Strategic Growth Council
- Overview of SGC's Programs and Initiatives
- Emerging Trends and Advice to Grant Applicants



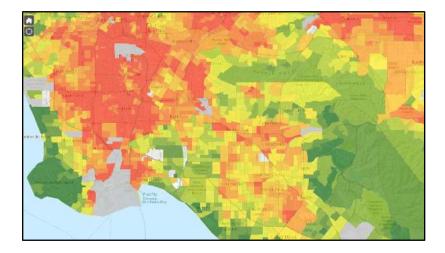
What are the California Climate Investments?

A statewide program that puts billions of Cap-and-Trade dollars to work reducing greenhouse gas emissions, strengthening the economy, and improving public health and the environment particularly in disadvantaged communities.





How does CCI define low-income and disadvantaged communities?



Disadvantaged Communities: CalEnviroScreen 3.0



Low Income: AB 1550



The California Strategic Growth Council: What We Do

SGC's work falls under four main categories.



Investment Programs





Collaborative Policy Initiatives





Integrated Policy and Planning





Capacity Building and Technical Assistance



Affordable Housing and Sustainable Communities (AHSC)

Integrates affordable housing and sustainable transportation to make sure housing, jobs, and key destinations are accessible by walking, biking, and transit.

\$1,655,972,480

THROUGH 5 ROUNDS OF FUNDING







Sustainable Agriculture Lands Conservation (SALC)

Supports agricultural conservation, economic growth, and sustainable development to protect agricultural lands on the outskirts of cities and near residential neighborhoods from development.

Total Investments: \$232.9 million

2019-20: \$56.8 million through 37 projects



ACRES TO BE PROTECTED THROUGH SALC AWARDS













Transformative Climate Communities (TCC)

Community-led transformation to enable the California communities most impacted by pollution to choose their own goals, strategies and projects to reduce greenhouse gas emissions and local air pollution.

Total Investments: \$229.2 million











Community Assistance for Climate Equity (CACE) California Climate Investments Technical Assistance

Creates a more equitable playing field by helping under-resourced applicants access climate funds to help them transition to climate-smart communities.







Community Assistance for Climate Equity (CACE)



Build • Organize • Optimize • Strengthen • Transform

Increasing local government capacity and addressing resource shortfalls by providing customized coaching—staff training, grant application support, and stakeholder and community engagement—to local governments.















BOOST Program Support

- Selected communities will receive support in the form of:
 - Trainings
 - Partnership development
 - Community engagement
 - Planning and implementation support
 - Grant application assistance
 - Communications support





BOOST Eligibility and Application Process

Threshold Criteria

- California city or town
 government
- Disadvantaged and/or lowincome community
- Demonstrated staff capacity challenges
- Desire to work on specific projects related to the goals of BOOST

Application Process

- Application survey open: August
 9-September 10
- Finalists will be contacted for an interview by September 22
- SGC will contact selected communities by October 6





Emerging Trends and Advice to Grant Applicants



CALIFORNIA STRATEGIC GROWTH COUNCIL

Key Focus Areas

- Equity and environmental justice
- Adaptation and resiliency
- Public health
- Cross-sector collaboration and robust non-traditional partnerships

- Community engagement
- High road jobs/workforce development
- Anti-displacement policies



General Tips

- Build strong partnerships with non-traditional partners
- Carry out meaningful community engagement and document it!
- Explain how the project will meet demonstrated community needs

- Design projects to advance equity, environmental justice, public health, and resiliency—and explain how the project will advance these objectives
- Find support on greenhouse gas quantification if needed



Advice to Grant Applicants

- Engage early
 - Take advantage of opportunities to comment on investment plans and program guidelines
 - For continuously appropriated programs, plan ahead for future funding cycles

- Pay close attention to detail:
 - Program goals
 - Program Guidelines
 - Deadlines
- Attend workshops and info sessions
- Reach out about technical assistance opportunities





Ena Lupine

Community Assistance Program Manager ena.lupine@sgc.ca.gov



CALIFORNIA STRATEGIC GROWTH COUNCIL



Meet our Speakers!









Moderator Angie Hacker

Statewide Best Practice Coordinator, Local Government Commission

Ena Lupine Community Assistant Program Manager, Strategic Growth Council

Katrina Leni-Konig Specialist, California Energy Commission Josh Simmons President & Founder/Principal Consultant, Prosper Sustainability



Advancing Clean Energy Innovation in Partnership with Local Governments

Katrina Leni-Konig Supervisor Technology Scale-up and Outreach, Assistant Tribal Liaison August 11, 2021

California as a Leader in Clean Tech Innovation





Clean Energy Jobs¹



#1 and #2 University Programs for Environmental Engineering⁷ 27% of US Renewable Energy Jobs are in California⁸

California's Clean Energy Commitment by 2045²

100%



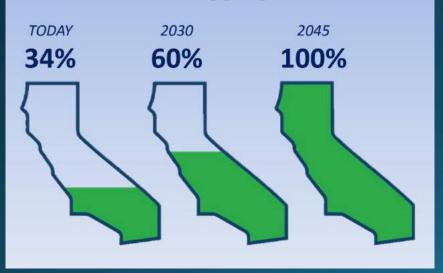
58% of California Clean Energy Jobs are Small Business Jobs⁹

https://business.ca.gov/industries/clean-tech/

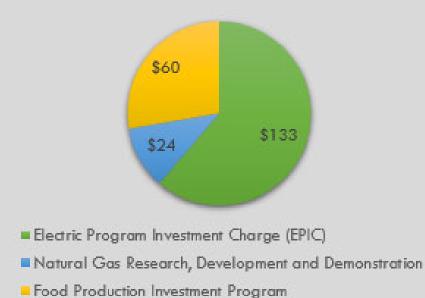
Policy Driven R&D

<u>SB100</u>

California Moves to 100% Clean Energy by 2045



CEC Annual R&D Investments (Millions)



Investing in a Just Transition

CEC EPIC Research Program Invests \$133 Million Annually

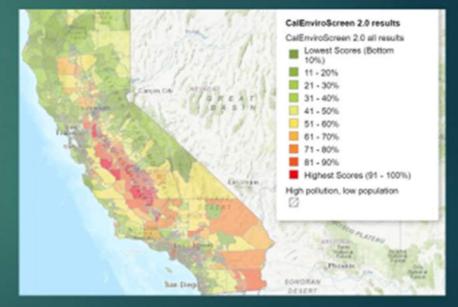
Technology Demonstration & Deployment Funds

65%

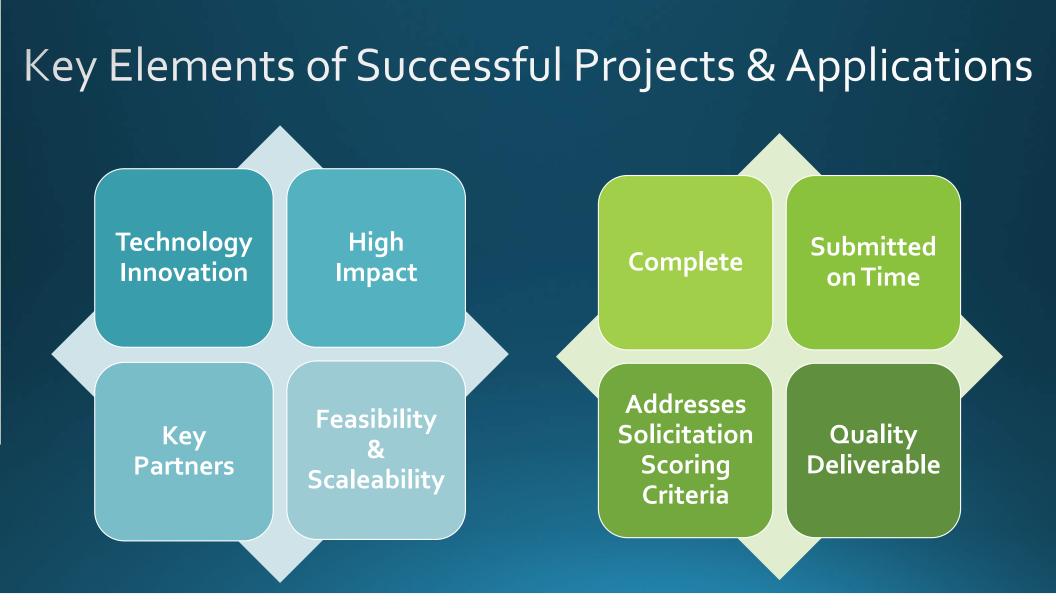
Disadvantaged- & Low-income Communities

\$21M

CA Native American Tribes



https://oehha.ca.gov/calenviroscreen



Local Governments as Partners

Technology Development Pipeline



The Role of Local Governments: Pilot/Demonstration and Beyond

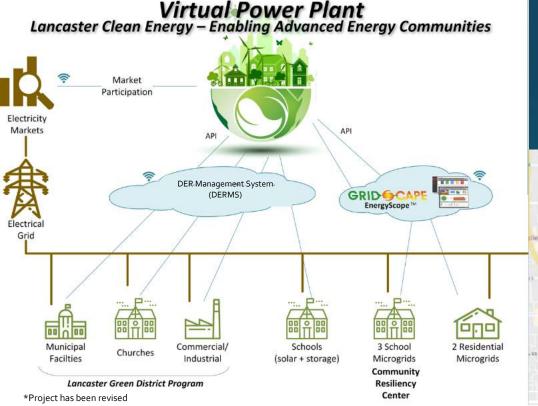


Innovation: Breaking Free from the Old

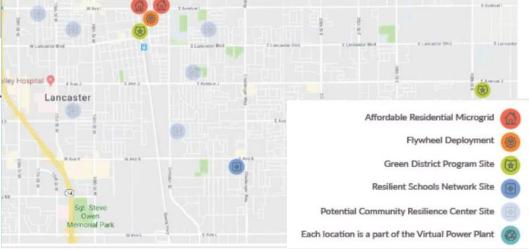


OUTDATED CODES AND STANDARDS, EXISTING INFRASTRUCTURE, OLD HABITS

Local Governments as Partners: City of Lancaster Advanced Energy Community



- Early adopters
- Demonstrating a new vision for the future electricity system
- Cultivating local energy resources



Shaping EPIC Investments

Shaping EPIC Investments

Project Application

Competitive Grant Funding Opportunities

Investment Planning Research Initiatives

STAKEHOLDER INPUT

Project proposals define the approach

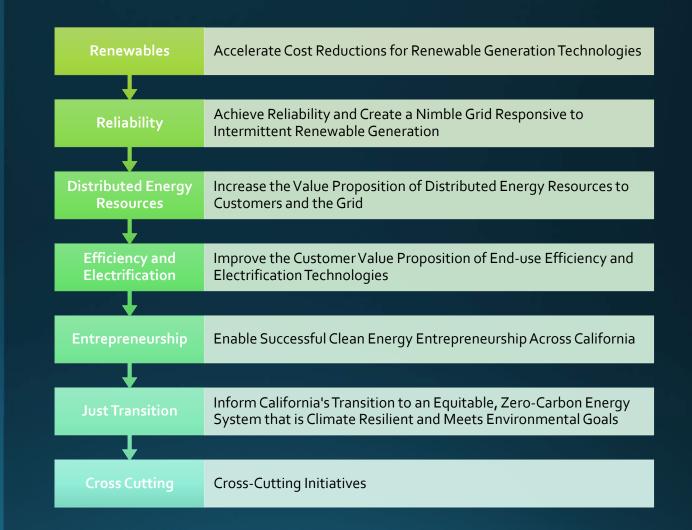
How can we design solicitations for greatest impact?

What technology areas should we invest in?

EPIC 4 Planning Themes 2022-2025

Guided by SB100

Workshop and Materials: https://www.energy.ca.gov/event/wo rkshop/2021-08/electric-programinvestment-charge-2021-2025investment-plan-scoping-draft





What is your top-priority initiative where you believe the most funding and emphasis should be placed because it could have the most significant impact (and why)?



Are there any gaps in the proposed research?



Do you have suggestions on changes to certain initiatives?



What are your suggestions to promote equity (and to which initiatives should they apply)?

EPIC 4 Questions for Comment Due August 18, 2021 Visit CEC's website for past workshop info, presentations, docket, ecommenting, and EPIC listserv sign up: <u>www.energy.ca.gov/epic4</u>

Shaping EPIC 4 R&D Investments

Submitting Written Comments:

Comments may be submitted using CEC's **e-commenting** system: https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketn umber=20-EPIC-01

For all comments, please include docket **# 20-EPIC-01** and "EPIC 4 Investment Plan" in the subject line and on the cover page. Comments are due ~**August 18, 2021.**

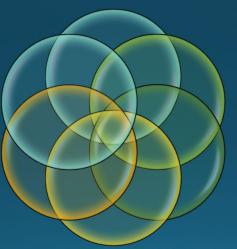
Key Partnerships

Project Partners: Diverse Perspectives

Architects & Engineers

Energy Technology Experts

Community-based Organizations



Utilities, CCAs

Researchers

Local Governments & Tribes

Find a Project Partner



Empower Innovation accelerates your clean tech journey with easy access to funding opportunities from the Energy Commission and other funding providers, curated resources and events, and connections to people and organizations.

FIND A PARTNER

Announce your interest in this funding opportunity and message other interested parties to find potential partners.

RESOURCES & TOOLS

Browse the collection of resources for clean tech innovators including Resource Libraries, Funding Sources, Tools, and Databases.

EmpowerInnovation.net





empowerinnovation.net

< ALL PROJECTS AND PLACES



WEBSITE LINK

Website Link

PROJECT OR A PLACE

SNAPSHOT

CONCEPT

Place

We are no longer in the age or place where it's just the thought that counts. What is needed now is radical community engagement, sustainable equitable resiliency and advanced operational structure. OVERVIEW

Funding Community Benefit Initiative Support Tenants

OPPORTUNITIES

Tenants in the Energy - Environment - Social justice space (1 or all 3). Capital impact Equity Partners. Technology Partners. Social Equity Partnerships. Educational Partnerships.

LOCATION

5100 Stevens Way, San Diego, CA, United States

ZIPCODE

92114

EQUITY CATEGORIES

- Opportunity Zone
- 🖌 Low Income Community

PARTNERS

Cleantech San Dieg

Call for Places!

Do you have a potential project site for a clean energy demonstration?

Are you looking for project partners?

https://www.empowerinnovation.net/en /custom/projects/directory



Past Projects



=

EPIC Project Portal Coming Soon

Connect with EPIC awardees to explore new partnership and investment opportunities.

NOTIFY ME

EnergizeInnovation.fund

Upcoming Opportunities

EPIC Interim Plan Initiatives 2021-2022

Research Initiative	Decarbonizatio	on Resilience & Reliability	Entrepreneur -ship
1. Advanced Prefabricated Zero-Carbon	Homes X	х	
2. Energy Efficiency and Demand Respo and Commercial Cold Storage	nse in Industrial X	×	
3. Energy Efficiency and Load Shifting in	Indoor Farms X	Х	
4. Optimizing Long-Duration Energy Stor Grid Resiliency and Reliability in Under- Communities		×	
5. The Role of Green Hydrogen in a Deca California—A Roadmap and Strategic Pla		х	
6. Valuation of Investments in Electricity Resilience	Sector	х	
7. Vehicle-to-Building Technologies for F Power	Resilient Back-up X	×	
8. Offshore Wind Energy Technologies	X	X	
9. Entrepreneurial Ecosystem	X	X	X

EPIC INTERIM PLAN (<u>https://efiling.energy.ca.gov/GetDocument.aspx?tn=236221</u>)

Anticipated Opportunity from EPIC Interim Plan Advanced Prefabricated Zero-Carbon Homes

Initiative Description

Develop, design and build zero- or near zero-carbon, cost-effective, prefabricated homes that could include meeting or exceeding the 2019 CA Building Energy Efficiency Standards, being all electric, fire-resilient, and having on-site or near-site solar PV and on-site or nearsite stationary storage

Approach

-Partner with prefab home builders to design and construct homes

-Potential project team members: community-based organizations; state, local, and tribal governments; utilities; and financial stakeholders



https://www.energy.ca.gov/event/workshop/2021-01/rescheduled-staff-workshop-electric-program-investment-charge-interim



We invite Local Governments as innovation partners!

References

Visit CEC's website for past workshop info, presentations, docket, ecommenting, and EPIC listserv sign up: <u>www.energy.ca.gov/epic4</u>

Submitting Written Comments:

Quick Links Comments may be submitted using CEC's **e-commenting** system: <u>https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketn</u> <u>umber=20-EPIC-01</u>

Find a Partner: <u>EmpowerInnovation.net</u>

View EPIC Projects and Events: EnergizeInnovation.fund



Meet our Speakers!









Moderator Angie Hacker

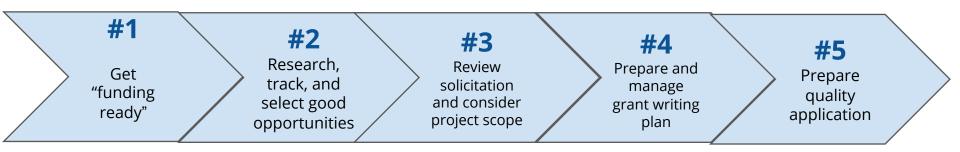
Statewide Best Practice Coordinator, Local Government Commission

Ena Lupine Community Assistant Program Manager, Strategic Growth Council

Katrina Leni-Konig

Specialist, California Energy Commission Josh Simmons President & Founder/Principal Consultant, Prosper Sustainability

Tips for pursuing funding



DO

Outline your near-term strategic priorities, internal/external grant capacity,existing/recurring grant assets, and partners Know where to look (e.g. databases, subscribe for alerts, follow policy), think outside the box, conduct initial scan of solicitations for fit and "dealbreakers,"offer prefunding input

Review grant solicitation carefully to extract key info and ensure fit. Consider project ideas, partners, etc. Review criteria and ID score boosters. Be bold! Create a grant writing plan outlining deadlines and roles for application deliverables. Track and communicate. Stay focus on priorities and strategically pivot as needed. Customize existing assets. Allow time for signature docs. Be detail oriented and thorough. Follow instructions. Use grantor's language. Prepare complete work plan and budget. Tell compelling story.

DON'T

Scramble every time a solicitation comes your way, stress out your team

Miss great opportunities, waste time chasing poorfitting opportunities and "mission creep" Miss critical instructions and reqs. Repeatedly navigate large solicitation. Waste time on bad fit.

Go alone. Wing it. Procrastinate. Assume it will be easy. Miss items. Focus only on what you want. Leave gaps. Cause reviewers to pause. Rely on entry level staff. Be boring.



Live Solicitation Review

EDA Build Back Better Regional Challenge

https://www.grants.gov/web/grants/view-opportunity.html?oppId=334735

Initial scan

Fit and dealbreakers

- Deadline
- Available funding and match requirements
- Eligible lead agency, partners, and projects/activities
- Level of effort v. capacity

Deep scan

Grant announcement (aka NOFO) review and workplan

- Competitive project ideas and readiness
- Project requirements
- Application requirements/Instructions
- Priority Tasks and Info/Data Needs
 - Registering, getting LOS, obtaining approvals, gathering info/data, etc.
- Evaluation Criteria and Score Boosters
- Questions

NOTICE OF FUNDING OPPORTUNITY EXECUTIVE SUMMARY

- Federal Agency Name: Economic Development Administration (EDA or the Agency), U.S. Department of Commerce (DOC).
- Federal Funding Opportunity Title: FY 2021 American Rescue Plan Act Build Back Better Regional Challenge Notice of Funding Opportunity (NOFO) (ARPA BBBRC NOFO).
- Announcement Type and Date: ARPA BBBRC NOFO publishing EDA's application submission requirements and application review procedures under EDA's Economic Adjustment Assistance program, as authorized by sections 200 and 703 of the Public Works and Economic Development Act of 1965, as amended (42 U.S.C. § 3121 et seq.) (PWEDA). Effective date: July 22, 2021.
- Funding Opportunity Number: EDA-HDQ-ARPBBB-2021-2006976
- Catalog of Federal Domestic Assistance (CFDA) Number: 11.307, Economic Adjustment Assistance
- Dates: This is a two-pliase competition. The deadline for Phase 1 Concept Proposals is <u>11:59 n.m. Eastern Time on October 19, 2021</u>. For Phase 1 finalists selected to proceed to Phase 2, the deadline for Full Applications is <u>11:59 p.m. Eastern Time on March 15, 2022</u>. Applications received after this deadline will not be reviewed or considered. See section E of this ARPA, BBBRC NOPO regarding EDA's review process for each competition phase.

EDA may amend or cancel the ARPA BBBRC NOFO at any time. All changes will be communicated via Grants.gov.

 Eligible Applicants: Pursuant to section 3(4)(A) of PWEDA (42 U.S.C. § 3122(4)(A)) and 13 C.F.R. § 300.3 (Eligible Recipient), eligible applicants under this NOFO include a(n): (i) District Organization of an EDA-designated Economic Development District (EDD); (ii) Indian Tribe or a consortium of Indian Tribes; (iii) State, county, city, or other political subdivision of a State, including a special purpose unit of a State or local government engaged in economic or infrastructure development activities, or a consortium of political subdivisions; (iv) institution of higher education or a consortium or institutions of higher education; or (v) public or private non-profit organization or association acting in cooperation with officials of a general purpose political subdivision of a State.

Under this NOFO, EDA is not authorized to provide grants or cooperative agreements to individuals or to for-profit entities. Requests from such entities will not be considered for funding.

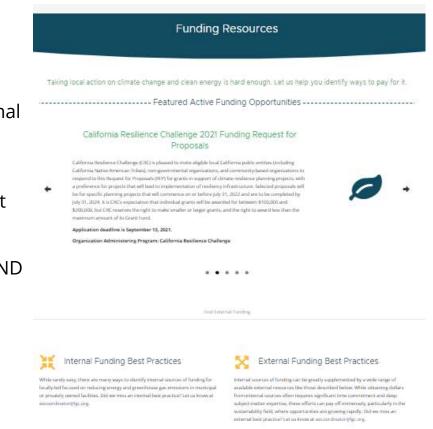
 Funding Opportunity Description: Subject to the availability of funds, awards made under this NOFO will transform regional economics through a collection of complementary, aligned construction and non-construction projects organized under a singular vision and designed to grow new industries and scale existing ones.



CCEC's Funding Resources

- <u>https://eecoordinator.info/funding-resources/</u>
- CCEC knows LGs are using all internal and external funding resources at their disposal to advance their energy and climate goals
- To help, we are compiling opportunities and best practices
- You have an opportunity to take advantage of AND shape upcoming funding opportunities

DISCUSSION: How else can CCEC support you as you take advantage of a challenging but highly promising moment?



Grants, Incentives, And Other New Revenues From Ratepayers And Other External Sources

Annual Budget Appropriations





Microphone

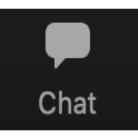
Keep yourself **muted** so that we can hear our speakers clearly

Unmute yourself when speaking

Chat

Communicate with other participants or reach out to LGC staff if you encounter technical issues.

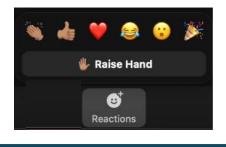
لي Unmute



Reactions

Click the icon to **raise your hand** to ask to speak verbally.

We encourage the use of emojis!





Thanks again to...

— Our sponsors for making the forum possible!

TRC





Local Governments Empowering Our Communities









Upcoming Events

<u>WEEK 2</u>



12th Annual California Climate & Energy Forum Transforming Tomorrow Together

August 3 - 19, 2021

Post-Session Survey: bit.ly/CCEC-Post-Session-Survey

• 8/12 Webinar 8:

Preparing Workers to Build Back Cleaner

• 8/17 Webinar 9:

Planning for Energy Reliability Solutions That Do More Than Keep the Lights On

• 8/17 Lunch 5:

Local Government Electrification: Opportunities and Challenges

• 8/17 Webinar 10:

Speeding Decarbonization Efforts with Reach Code Development Tools

To view the entire program visit eecoordinator.info/forum-program/