



We'll be starting shortly...

**Regional Workforce Alliance
Quarter 1**

Note to Participants:

If you experience any difficulty connecting via Zoom at any time during the webinar please contact Kristi Villegas at:

Kristi@3dnetworkscorp.com

Regional Workforce Alliance Q1

Thursday, April 20, 2023

Welcome

Lujana Medina

Environmental Initiatives Manager
Energy and Environmental Services
Los Angeles County, ISD

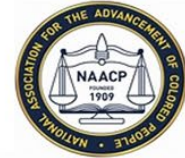
Alliance Co-Hosts



Southern California
REGIONAL ENERGY NETWORK 



Alliance Partners



Agenda

- 12:02 **Welcome**
- 12:05 **Introductions**
- 12:10 **County of Los Angeles, Future Green Leaders Summit**
- 12:20 **Federal and State Funding Initiatives**
- 12:45 **Open Discussion**
- 12:55 **E-Contractor Academy & Training Program Updates**
- 1:00 **Closing Remarks**

Mission Statement & Goals for the Alliance

Mission:

Provide disadvantaged communities with equitable access to training and employment opportunities generated by investments in energy efficiency.

Goal:

Harness and coordinate the resources of industry, academic institutions and community-based organizations to develop a regional clean energy economic inclusion capacity building infrastructure to help meet the demand for skilled workers and contractors in the energy sector, with a specific focus on residents and businesses in disadvantaged communities.

County of Los Angeles, Internal Services Department

Future Green Leaders Summit

Tessa Charnofsky, Special Assistant, Environmental Initiatives
County of Los Angeles – ISD Environmental & Energy Services





Future Green Leaders Summit

March 15, 2023

Special thanks to 3D Networks, ICF, Emerald Cities, workshop and booth hosts, volunteers, L.A. county team—THANK YOU!!



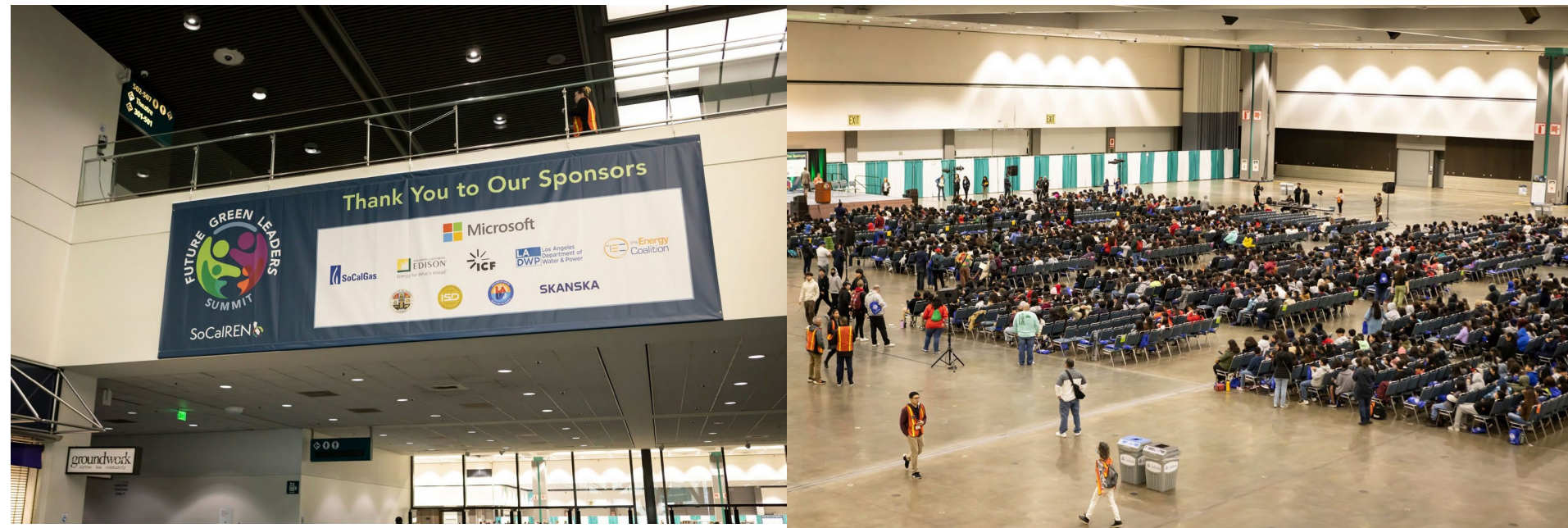
15 Schools

**1,800
Students**

**180 Teachers,
Parents,
Chaperones**

35 Volunteers

Sponsors--\$34,500 Raised





14 Workshops

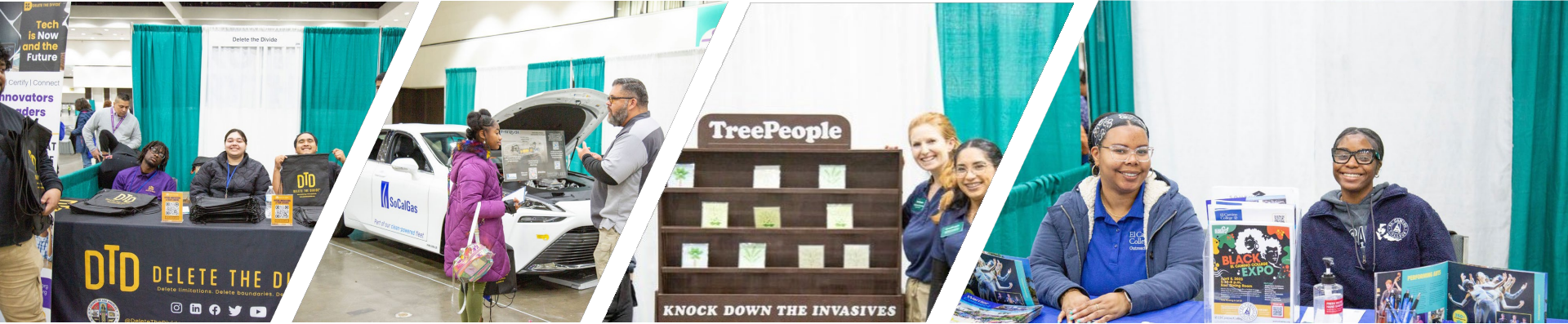
Learned how energy is generated, skills necessary to install solar panels, shark biology, how to enter the green economy, benefits of native plants, and much more.





Lunch was excellent.
Kids had fun while learning about renewable
energy





Thirty Interactive Booths!





SEE YOU NEXT YEAR!!

Post event curriculum to reinforce learning

Plan to hold at least one per year, likely rotating locations

San Fernando Valley and San Bernardino are in the queue

Funding Initiatives

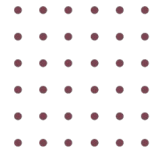
Andri Tai-Ward, Senior Associate
Estolano Advisors

Sylvia Chi, Senior Policy Analyst
Just Solutions Collective





Federal & State Funding Initiatives and Workforce Opportunities



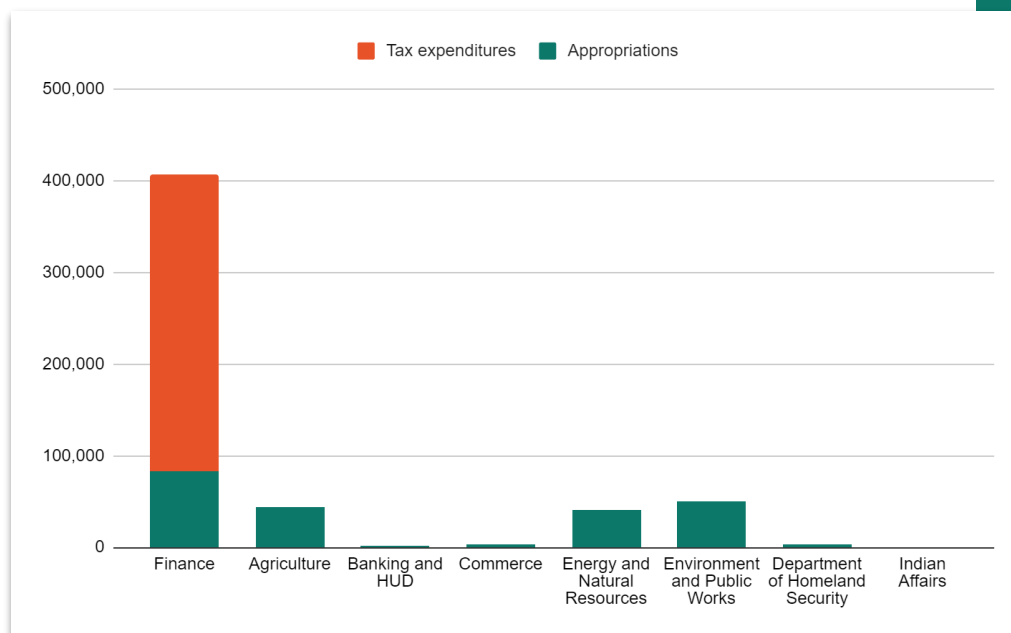
Wednesday, April 20, 2023



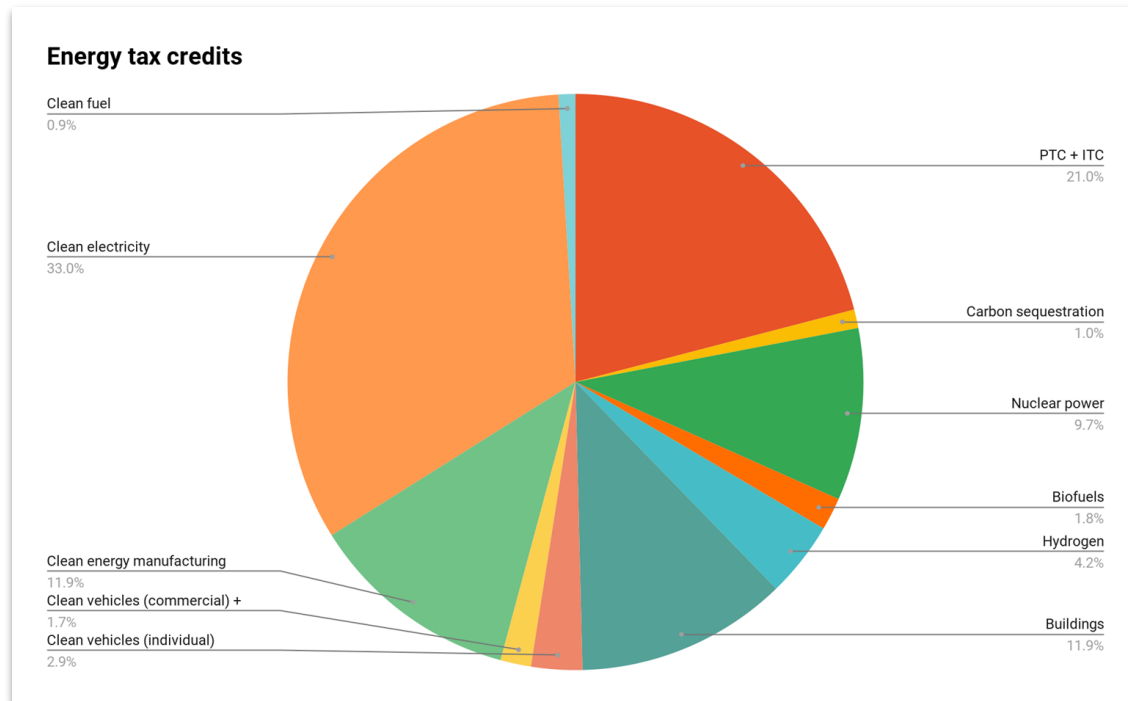
Energy Tax Credits

What's in the Inflation Reduction Act?

- **\$324 billion in tax credits**
- **\$228 billion in appropriations**
- **For environmental and climate only:**
 - \$271 billion in tax credits
 - \$145 billion in appropriations

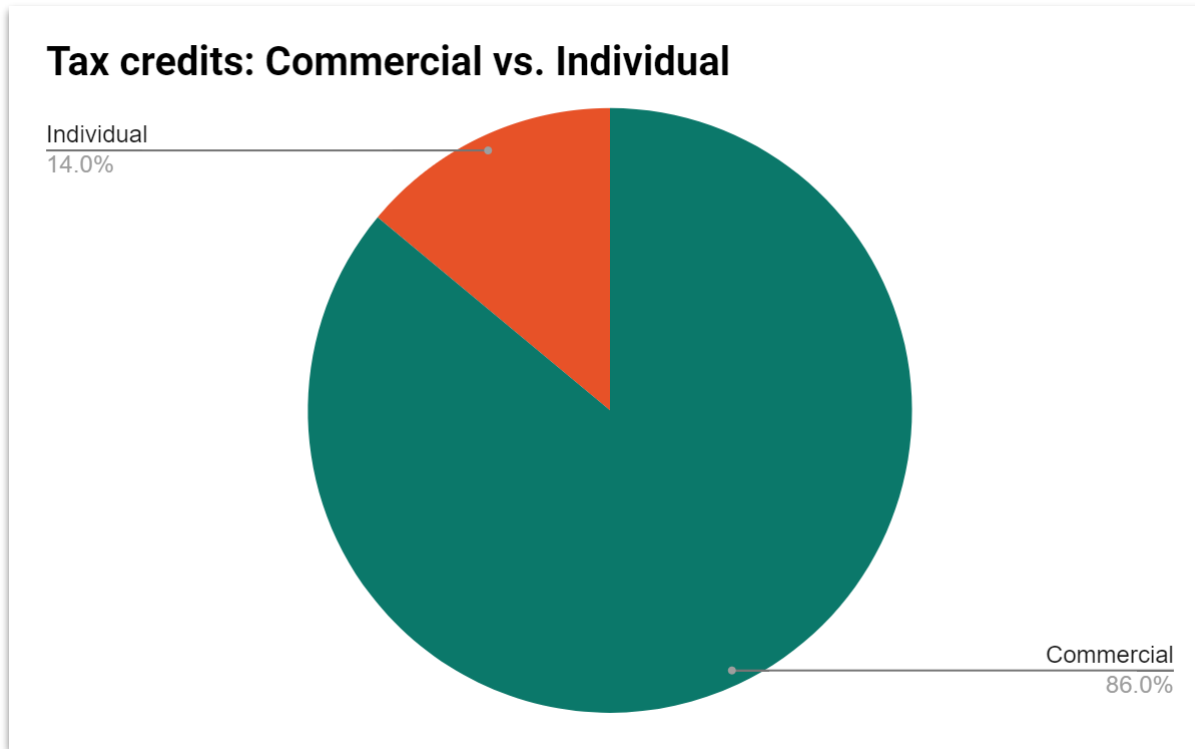


Tax credits are primarily for electricity





Tax credits are primarily for commercial use



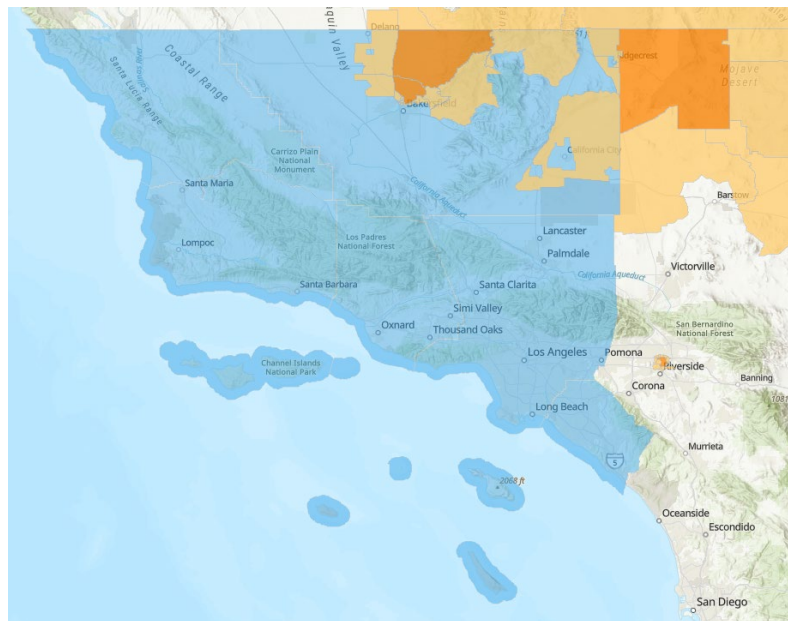


Tax Credits in General

- Base rates:
 - Production Tax Credit: 0.3¢/kWh
 - Investment Tax Credit: 6%
- Base rates **multiplied by 5** if prevailing wage and apprenticeship requirements are met
 - Prevailing wage determination by Department of Labor by geographic area and job classification
 - Apprenticeship requirements:
 - Applicable percentage of total labor hours to be performed by qualified apprentices
 - Before 2023: 10%
 - 2023: 12.5%
 - 2024 and after: 15%
 - Apprentice-to-Journeyworker ratios set by Department of Labor or State Apprenticeship Agency must be met
 - Participation: if 4+ individuals are employed to perform construction, alteration, or repair work, then 1+ apprentices shall be employed to perform such work
- Credit increases also applies to §45Q (CCS), §45U (existing nuclear), §45V (hydrogen production), §179D (*energy efficient commercial buildings deduction*), §45L (new energy efficient homes), §30C (alternative fuel refueling property), §48C (advanced energy property), §45Z (clean fuel production)

Related Tax Provisions

- **Direct Pay:** Local and state governments and nonprofits can now receive credits as payments from the Federal Government
- **Energy Community Tax Credit Bonus:** +10% credit amount for ITC/PTC and clean electricity credits if sited in an energy community
 - <https://energycommunities.gov/energy-community-tax-credit-bonus/>
 - Brownfields





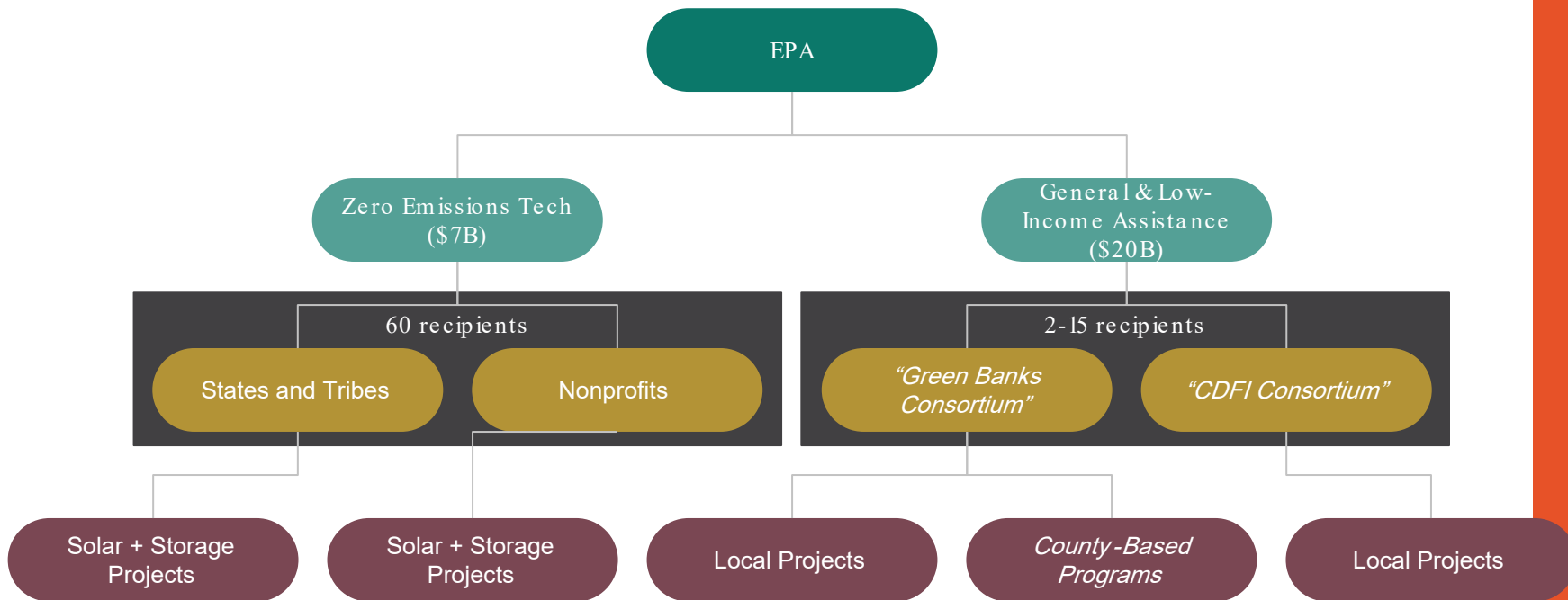
Greenhouse Gas Reduction Fund

Greenhouse Gas Reduction Fund (GGRF)

\$27 billion in competitive funding for *financial and technical* assistance for projects that reduce/avoid GHGs and air pollutants

- Zero Emissions Technologies (ZET) (\$7B)
 - \$7B for States, municipalities, Tribal governments, and eligible recipients to enable low-income and disadvantaged communities to deploy or *benefit from* ZETs
 - Residential rooftop solar, community solar, storage, and related upgrades in low-income and disadvantaged communities
 - **Awards:** up to 60 awardees
- General and Low-Income Assistance (\$20B)
 - \$11.97B for eligible recipients to provide general assistance
 - \$8B for eligible entities to provide assistance to projects *in* low-income and disadvantaged communities
 - Projects that reduce air pollution, greenhouse gas emissions, energy costs
 - **Awards:** 2-15 awardees
- **Timeline:** Applications in early Summer 2023; awards obligated by September 30, 2024

Greenhouse Gas Reduction Fund structure (with hypotheticals)





Community Economic Resilience Fund (CERF)

Community Economic Resilience Fund (CERF)

- **Overview:**

- Created by SB 162 and administered by Office of Planning and Research (OPR), the Governor's Office of Business and Economic Development, and the Labor & Workforce Development Agency
- Promotes **sustainable and equitable economic recovery** from COVID-19
- Supports creation of **high-quality, accessible jobs** for all Californians by bringing together community, labor, and industry

- **Two Phases:**

- **1. Planning Phase** – \$5M planning grants to each of the 13 High Road Transition Collaboratives (HRTCs) across California
 - Regions were developed to **prioritize recovery and transition strategies** consistently across the state
- **2. Implementation Phase** – \$500M to fund projects identified by the HRTCs



Community Economic Resilience Fund (CERF)

- **Engagement Opportunities**

- **PolicyLink**

- Together with California Forward, PolicyLink provides CERF information and outreach tools to the public
- Estolano Advisors and PolicyLink facilitate monthly CERF peer exchange and listening sessions for CBOs across the 13 HRTC regions in California
 - Goal of these sessions is to promote CERF information sharing, collaboration, and the advancement of CERF equity priorities

- **Community Economic Mobilization Initiative (CEMI)**

- \$17.7M fund focused on diversifying the nonprofits involved in receiving and directing federal and state climate-resilient economic development initiatives

Responding to a Generational Opportunity

California is on the cusp of receiving an unprecedented level of financial investments to strengthen its climate resiliency, transportation infrastructure, housing and more.

\$43 Billion

[American Rescue Plan](#)
(estimated)

\$50 Billion

[Infrastructure Investment
and Jobs Act](#)

\$565 Million

[Community Economic
Resilience Fund](#)

\$46 Billion

[California Budget Surplus](#)

Sample Priority State and Federal Funds

- **State**
 - ***Transformative Climate Communities (TCC) Program***
 - **Planning, Project Development, and Implementation Grants:** total awards range from \$1.2M to \$140M
 - **Eligible Applicants:** CBOs, local governments, philanthropic orgs, faith-based orgs, coalitions of nonprofits, CDFIs, CDCs, JPAs, COGs, and California Native American Tribes
- **Federal**
 - ***Bipartisan Infrastructure Law***
 - Broadband, Equity, Access, and Deployment (BEAD) Program
 - Energy Efficiency Conservation Block Grant (EECBG) Competitive Program
 - ***Inflation Reduction Act***
 - EPA Environment and Climate Justice Block Grants and Climate Pollution Reduction Grants
 - ***Other***
 - EDA Regional Technology and Innovation Hubs
 - DOE Scaling the US Solar Manufacturing Workforce

Resources, Technical Assistance, Capacity Building

- **CA OPR Federal Grants Clearinghouse**
- **Workforce Intermediaries and Convenors:** Families and Workers Fund, National Fund for Workforce Solutions, Emerald Cities Collaborative, Climate Jobs National Resource Center, National Skills Coalition, Workforce Matters, Jobs to Move America, GRID Alternatives, Jobs with Justice
- **Catalyze Registry (America Achieves and What Works Plus)**
- **Community Infrastructure Center (Milken Institute)**
- **Environmental Protection Network Pro-Bono Technical Assistance Network**




Thank you!

Stay up to date with our work at justsolutionscollective.org

Send questions to sylvia@justsolutionscollective.org

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Open Discussion



SoCalREN Workforce Education & Training Sector

E-Contractor Academy & Training Program

Shanette Anderson, Senior Program Manager
Emerald Cities Collaborative



2022 Results

E-Contractor Program



10 Workshops



262 Contractors

Goal 150



19 Contractors
Technical
Assistance/Coaching





Upcoming E-Contractor Academy

Inland Empire

Summer 2023

Moreno Valley Business & Employment Resource Center

Registration will open early May 2023

Curriculum:

- Week 1 – Overview of Doing Business with SoCalREN, LA County, MWD
- Week 2 – Compliance, Bonding & Insurance
- Week 3 – Understanding Various Delivery Methods and SOQ
- Week 4 –How to Put a Bid Together & SOQ Presentation



Questions?



Shanette Anderson

Emerald Cities Collaborative

WE&T Sector

shanderson@emeraldcities.org



Closing Remarks

Ann D'Amato, President
3D Networks Corp

