

# December Steering Committee

# Agenda



- Progress Update
- DRCOG Grant Updates
- Review Definitions and Delineations
- Top PCAP Strategies
- Introduce additional grant opportunity from EPA
- FRBEN Proposal
- Next Steps

# Participation Agreements



Listen to and seek to understand all perspectives.

Explain the reasons behind your statements.

Ask questions when you don't understand a topic.

Give new voices a chance and ensure no one dominates the discussion.

Listen and do not interrupt while one person speaks at a time.

Do not blame, accuse, or make generalizations.

Treat people as individuals, not as representatives of an entire group or organization.

Treat members as equals despite position or rank.

Be present for the conversation (limit email and phone use).

# DRCOG Engagement Update



- Engagement
  - Public Forum for community orgs
    - December 11
  - Social Pinpoint
    - Launched on November 8

# Reminders and Updates



- Review requirements and goals of PCAP and NOFO.
- How DRCOG is collaborating with the State.
  - Met with CEO on November 30, will regroup on December 8.
- DRCOG is willing to be the lead organization for grant funding!

# Updates from the State



- Efforts to define near-term actions for the state GHG Roadmap Update and for local governments to implement moving forward in parallel, both of which will inform the state's PCAP
- For local government actions, CEO held meetings in early November with local government representatives around the state, and closed their survey last Friday Dec. 1
- Interested in options such as a program to fund local capacity and technical assistance for local climate policy adoption and centrally administered incentive programs
- Will publish PCAP draft actions for local governments in January for more feedback
- Please see <https://energyoffice.colorado.gov/cprg> and <https://energyoffice.colorado.gov/climate-energy/ghg-pollution-reduction-roadmap-20> for more details

# Overview and Definitions



- 10-year timeline
- Due March 1, 2024
- Prerequisite for competing for Phase II implementation grants.
- Does not need to comprehensively address all sources of GHG emissions and sinks
- Near-term, high priority, implementation ready, measures
- 5-8 strategies in PCAP

**PCAP**

- 25-year timeline
- Due mid-2025
- Meant to build on PCAP
- Must address all major sources and sinks of GHGs
- Near- AND long-term GHG emission reduction goals, strategies, measures.
- CCAP can have more than 5-8 strategies

**CCAP**

- Will be for a specific program that can address one or more strategies outlined in the PCAP.
- Total funding for CPRG Implementation grant: approx \$4.3 billion
- Number and amount of awards:
  - 30-115 grants
  - Between \$2 million and \$500 million

**NOFO**

# Our Focus Today



- **10-year timeline**
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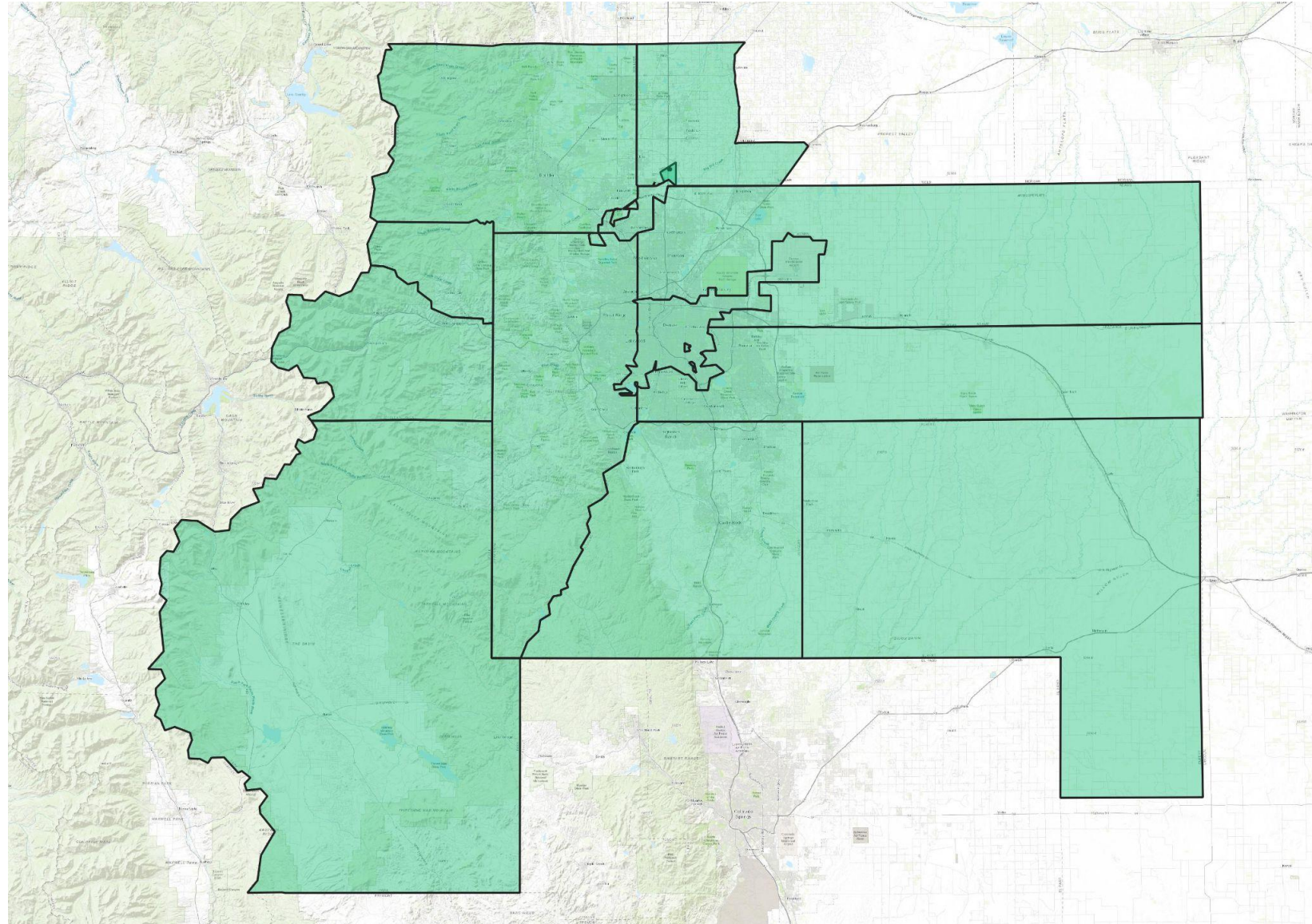
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**NOFO**



# GHG Inventory Update

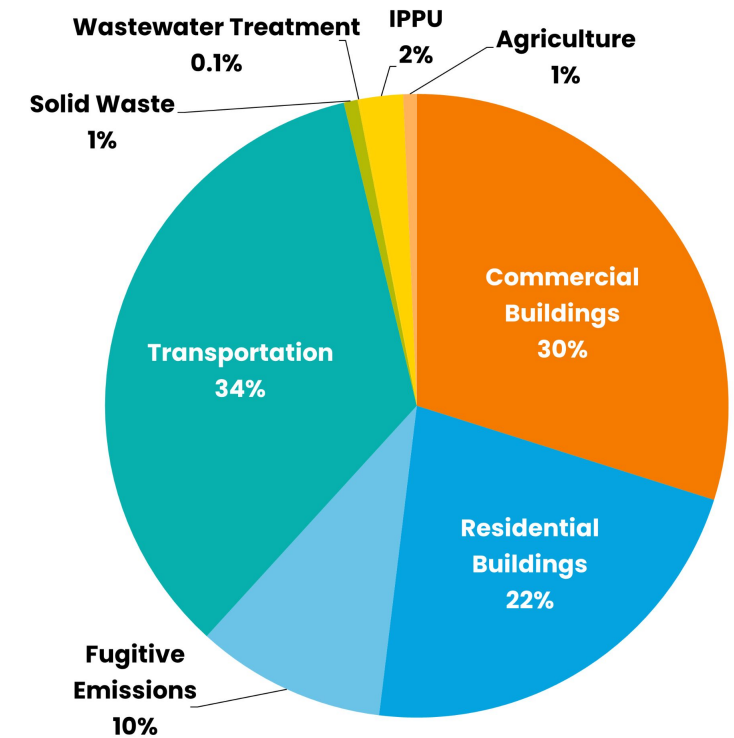


# GHG Inventory Update



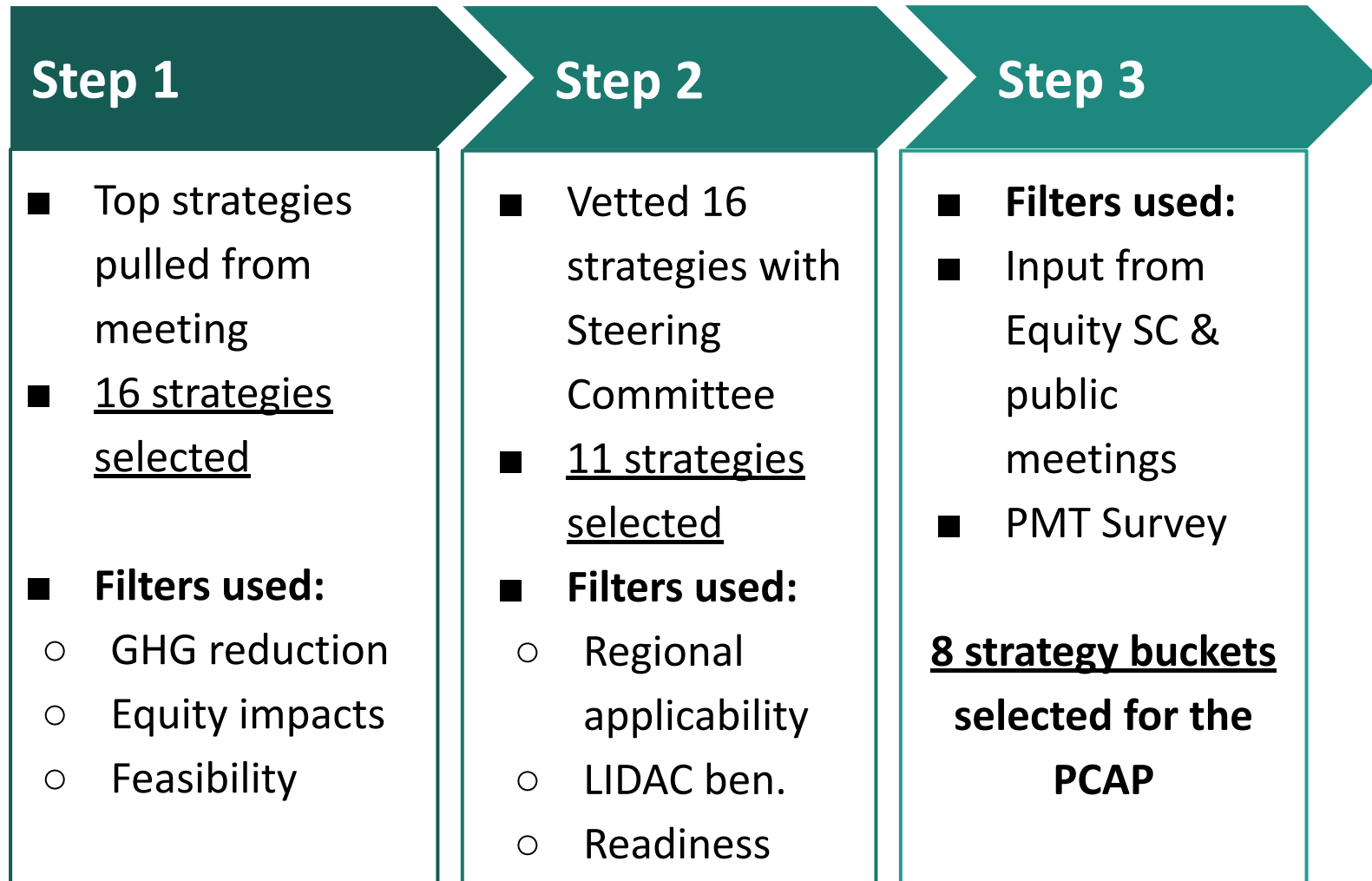
**2022 Regional Total GHG Emissions:** 44,505,005 mt CO<sub>2</sub>e  
**2022 Regional GHG Removals:** -854,036 mt CO<sub>2</sub>e  
**2022 Regional Net GHG Emissions:** 43,650,968 mt CO<sub>2</sub>e

County	Total Emissions (mt CO <sub>2</sub> e)	Removals (mt CO <sub>2</sub> e)	Net Emissions (mt CO <sub>2</sub> e)
Adams County	6,974,204	(4,409)	6,969,795
Arapahoe County	6,409,870	(13,010)	6,396,860
Boulder County	3,404,118	(157,429)	3,246,689
Broomfield County	972,128	(777)	971,351
Clear Creek County	471,598	(98,413)	373,185
Denver County	10,464,533	(7,874)	10,456,659
Douglas County	4,404,652	(102,851)	4,301,801
Elbert County	361,233	N/A	361,233
Gilpin County	131,778	(56,893)	74,885
Jefferson County	5,482,362	(180,349)	5,302,013
Park County	287,631	(231,561)	56,070
Weld County	5,140,899	(470)	5,140,428
<b>Total</b>	<b>44,505,005</b>	<b>(854,036)</b>	<b>43,650,968</b>



Total emissions by sector (mt CO<sub>2</sub>e).

# How We Got Here



# Results from the PMT Survey



## Top Strategy Buckets for the PCAP

(Ranked by most votes **YES**, the most votes **CAN LIVE WITH IT**, then if there were **NO** votes)

1. Develop a regional program for commercial building electrification.
2. Develop a regional program for residential building electrification.
3. Create workforce development programs to increase training and job opportunities in the HVAC and energy services trade.
4. Facilitate energy efficiency upgrades in residential homes and multifamily buildings.
5. Centrally Administered (Rebate) Programs (EVs or buildings).
6. Program to advance energy work in rental properties, targeting landlords.
7. Implement transportation demand management strategies and/or changes to the system to increase transit ridership in the planning region.
8. Develop multimodal strategies for subregions within the larger planning region.

### STRATEGY SELECTION:

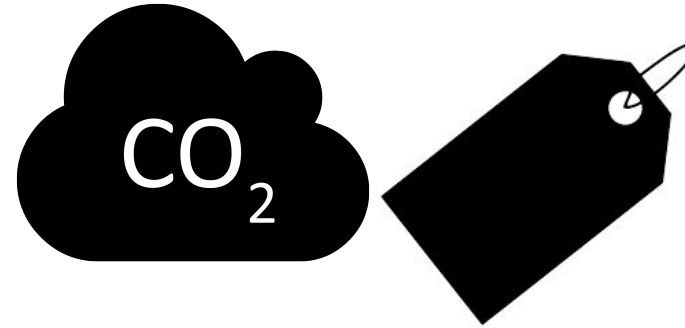
- ✓ 2/3 “Yes”/ “Can live with it”,  
AND
- ✓ Majority votes for “Yes”.



# Goals of Today's Discussion



Broad



Specific

NOTE: Not all strategies will drive GHG reduction but are included because they could be foundational to the implementation of GHG reduction strategies.



## Workforce Development

Develop a comprehensive, multipronged workforce development program aimed at growing the local energy services and electrification trades workforce to support the transition to energy efficiency, renewable energy, and building and transportation electrification economies, focusing outreach on low-income and disadvantaged communities and workers looking to transition out of the fossil fuel industry.

1. Foster connections between local businesses and local government that offer long-term, high-quality positions, and trade schools, universities, community colleges, and high schools to develop and fund a coalition to update and design a direct classroom to career pipeline that meets both the needs of workers entering the industry and local businesses' workforce shortages.
2. Collaborate with all-electric technology manufacturers to develop comprehensive multi-lingual hands-on training programs targeted at different sectors of existing workforce to upskill or reskill workers on decarbonization technologies. Target outreach and training to LIDAC, BIPOC, and women-owned businesses.
3. Create scholarships and financial incentives for students or adults transitioning careers to participate in training or classroom study provided by partners outlined in #1 and #2. For adults looking to reskill in their current position, provide stipends to employers that allow for both the trainee to be compensated for their time in training programs, and the company to avoid lost revenues on training days.
4. Connect companies, new businesses, or individuals participating in training programs outlined in #1 and #2, to a competitive pipeline of electrification and efficiency projects created by the commercial, public, and residential building electrification programs to provide a steady stream of guaranteed work for companies who invest in new skills development.
5. The program will have regional applicability, ensure access to training and programs are equitable across the region, and leverage existing programs.



## Building Energy Use

### Program Execution

Create a central coordinating body or bodies to create a one-stop-shop to facilitate and track the energy audits, energy efficiency and electrification programs, and financing and rebates for residential, multifamily, and/or commercial buildings.

1. Develop an Equity Priority List of contractors that includes those companies and contractors that have participated in workforce training and development activities and prioritizes the participation of LIDAC, BIPOC, and women-owned companies to provide the energy services.
2. Coordinate among local and state policies, programs, codes, standards etc. to ensure existing programs are leveraged and built upon to reduce confusion and redundancy.



## **Building Energy Use**

### **Commercial & Multifamily Buildings**

Create a program to help commercial, multifamily, MUSH (municipal, university, school, hospital), and equity-priority buildings switch to high-efficiency all-electric technologies. The program offers free or discounted services like energy analysis, HVAC system design, program and rebate guidance, and workforce training. It also provides funding to install variable refrigerant flow systems, heat pumps, geothermal systems, district heating systems, and other high-efficiency all-electric systems.



# PCAP Strategy Language



## Building Energy Use

### Commercial & Multifamily Buildings

Create a voluntary incentive program for multifamily property owners to accelerate building decarbonization projects, ensure affordability of rental rates, and support local affordable housing plans and policies. The program should provide technical and funding support (including training for facilities managers and staff) for energy efficiency, renewable energy systems, and electrification improvements across multifamily portfolios, and should utilize contractors from an Equity Priority List if feasible. The program should prioritize buildings which are required to make efficiency upgrades through local or state building performance standards and buildings which have restrictions in place to ensure long-term affordability in rental rates for tenants.

# PCAP Strategy Language



## **Building Energy Use**

### **Residential Buildings**

Create and implement a program to electrify homes across the region, working in partnership with trusted CBO's or other trusted organizations. The program should offer free services to low-income, disproportionately affected, and health-affected households. These services include energy, electrification, and health audits; funding for upgrades; and training and support for residents/CBOs on engaging with landlords, and health and energy use in their homes or rental homes. The program will also work to increase the number of workers needed to make the program happen and track the implementation and impact of the program.



## **Building Energy Use**

### **Residential Buildings**

Collaborate with Colorado Clean Energy Fund, Energy Outreach Colorado, and existing energy efficiency and weatherization programs in the State, to serve the full CPRG region in offering free energy efficiency and pre-electrification upgrades to owned and rented households at or below 80% AMI, and low-interest loans for households between 80% and 120% AMI for energy efficiency and pre-electrification upgrades. Include additional financial support for all participants to address code compliance issues as they arise during home upgrades.



## Transportation & Mobility

### Mobility

Develop a Bus Rapid Transit (BRT) network in the CPRG planning region prioritizing low-income and disadvantaged communities while supporting existing regional transit connectivity. Utilizing the framework established by CDOT, DRCOG, and RTD, prioritize the development of the following corridors by 2030:

- East Colfax BRT: Colfax Avenue from Union Station to Interstate 225.
- East Colfax BRT Extension: Colfax Avenue from Interstate 225 to Interstate 70.
- Federal Boulevard BRT: Federal Boulevard from Dartmouth Avenue to 120th Avenue.
- State Highway 119 BRT: Downtown Boulder to Longmont (Ute Highway).
- Colorado Boulevard BRT: Colorado Boulevard from Interstate 25 to Interstate 70.



## **Transportation & Mobility**

### **Mobility**

Expand active transportation infrastructure in the CPRG region, prioritizing low-income and disadvantaged communities and key corridors identified in frameworks established by CDOT, DRCOG, and CPRG local jurisdictions. Infrastructure projects should align with adopted plans for the respective project area, with a focus on first/last mile connectivity and the completion of missing links in the network.



# NOFO/FRBEN Discussion

# CPRG NOFO Discussion



## CPRG NOFO

- DRCOG wants to hear ideas from the full Steering Committee.
  - Must fit into the PCAP strategies.
- Share these on Jan 2, and send us the ideas before that.
- Reminder of EPA criteria.

Tier	Grant Ranges	Funds Targeted for Each Tier	Anticipated Number of Grants to be Awarded
Tier A	\$200,000,000 - \$500,000,000	\$ 2 billion	4-10
Tier B	\$100,000,000- \$199,999,999	\$1.3 billion	6-13
Tier C	\$50,000,000 - \$99,999,999	\$0.6 billion	6-12
Tier D	\$10,000,000-\$49,999,999	\$0.3 billion	6-30
Tier E	\$2,000,000-\$9,999,999	\$0.1 billion	10-50

# CPRG NOFO Discussion



Section Title	Section Number	Total Number of Points	Percentage
Overall Project Summary and Approach	1	45	18%
Impact of GHG Reduction Measures	2	60	24%
Environmental Results – Outputs, Outcomes, and Performance Measures	3	30	12%
Low-Income and Disadvantaged	4	35	14%
Job Quality	5	5	2%
Programmatic Capability and Past Performance	6	30	12%
Budget and Timely Expenditure of Grant Funds	7	45	18%
Totals		250	100%



# New Grant Program!



## **Community Change Grant Program**

- New NOFO, just released. Applications due November 21, 2024 (accepted on a rolling basis).
- Focus on EJ projects that benefit LIDAC through pollution reduction, enhanced resilience, and building community capacity.
- \$2 billion available.
  - Tier 1: 150 awards total, \$10-\$20 million
  - Tier 2: 20 awards total, \$1-\$3 million
- Applying entities must be a partnership between two or more CBOs or between a CBO and a local gov/Tribe/higher education.
  - States do not qualify

# FRBEN Presentation



Hold for FRBEN presentation

# Next Steps - December



- **Lotus**
  - GHG impacts model
  - Cost analysis
  - Additional equity committee input
  - December 11 Public Forum
- **DRCOG**
  - Workforce planning analysis
  - PCAP Draft in progress

## **REQUEST**

Please send us any and all workforce assessments, data, reports, etc you've done, read, or know about!



**THANK YOU!**  
**QUESTIONS?**

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