

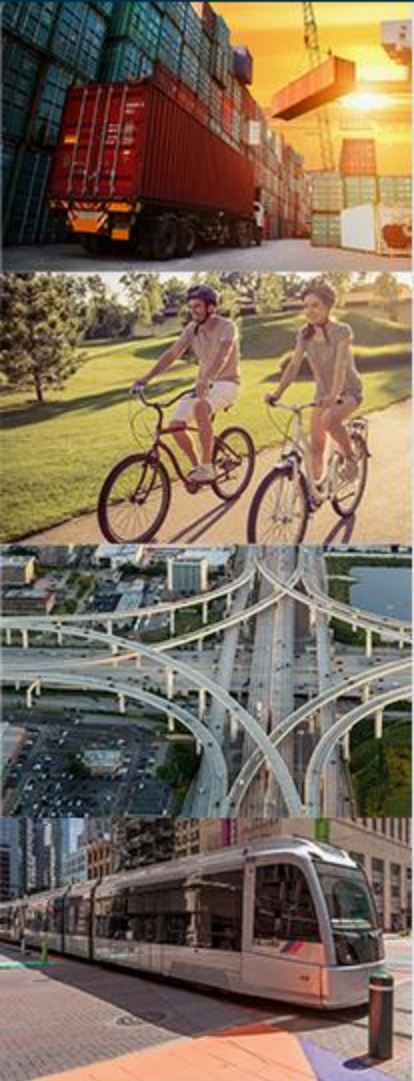


Climate Pollution Reduction Grant – Phase II Implementation Grant Overview



March 21, 2024
Transportation Air Quality Subcommittee

Agenda



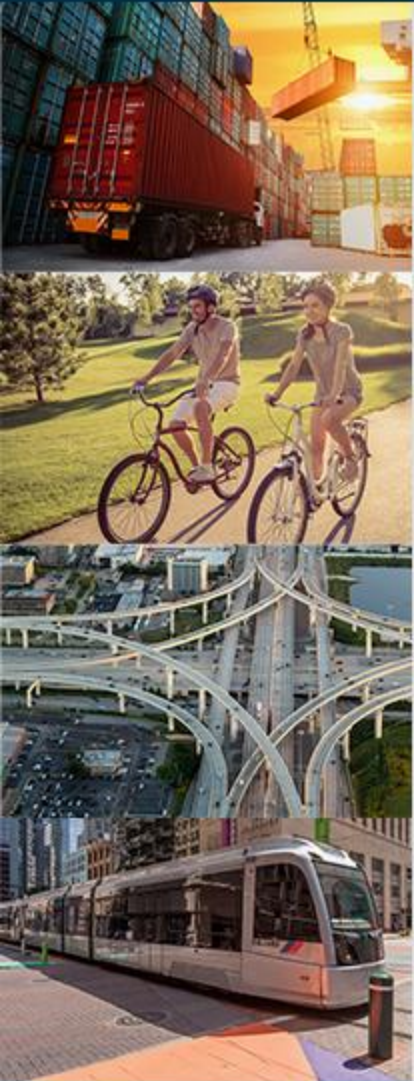
1. CPRG Summary
2. Introduction to CPRG Phase II
3. Potential Implementation Projects
4. Next Steps

Climate Pollution Reduction Grant (CPRG)



- The primary goal of the program is to reduce emissions while supporting the creation of jobs, delivering cleaner air, and lowering energy costs for families.
- EPA will implement CPRG in two phases:
 - Phase I: \$250 Million Non-Competitive Planning Grant
 - Phase II: \$4.6 Billion in Competitive Implementation Grant

Regional Priority Climate Action Plan



Buildings Sector



- More efficient and resilient buildings

Energy Sector



- Expand and integrate renewable energy
- Reduce peak energy demand
- Advanced decarbonization

Transportation Sector



- Increase options
- Increase low and ZEV vehicle deployments
- Expand multimodal/ bicycle infrastructure

Agriculture (Urban) Sector



- Implement nature-based solutions
- Land restoration
- Enhance green space
- Increase tree canopy

Materials Management Sector



- Divert waste from landfills

CPRG Phase II

Implementation project applications should:

- Achieve significant cumulative GHG reductions by 2030 and beyond
- Substantial community benefits
- Complement other funding sources
- Innovative policies and programs that are replicable



**CLIMATE
POLLUTION
REDUCTION
GRANTS**

U.S. Environmental Protection Agency

CPRG Phase II Details

- A region must have submitted a PCAP to be eligible
- Eligible projects must fit within a submitted included measures
- Lead organizations, state, and municipal government entities may apply for implementation funding
- Will not award multiple grants for the same measure in the same location
- Collaborative applications are strongly recommended

- Applications for Phase II are due on April 1, 2024

Project Selection



- Received 38 potential implementation projects from within the region
- 25 projects were not considered further
 - Did not include an eligible implementer
 - Not well scored vs. final selection criteria
 - Could not fit within available budget
- 13 remaining projects still under consideration
- Total remaining project cost: about \$150 million
- Staff working to review remaining projects for inclusion in the implementation application

Potential Phase II Projects

Project Name	Implementor
Brownfields to Brightfields: revitalizing polluted land to improve air quality, promote solar energy and advance equitable community development.	City of Houston
Clean Air Renewable Energy & Storage (CARES)	Harris County Office of Sustainability
Clear Creek Regional Mitigation Bank	Harris County Flood Control District
County Infrastructure – Weatherization	Fort Bend County
Decarbonization of Public-Facing Municipal Buildings such as improving building efficiencies and installing solar and storage on community serving municipal buildings.	City of Houston
Expanded ForUsTree: Creating an Inclusive Community Canopy within Houston and Harris County	Houston Advanced Research Center

Potential Phase II Projects (cont.)

Project Name	Implementor
Houston Repair Cafe	City of Houston
Port Houston's High Voltage Shore Power	Port of Houston Authority
Port Houston's MicroGrid	Port of Houston Authority
Port Houston's Zero Emission Cargo Handling Equipment	Port of Houston Authority
Reducing transportation sector emissions by transitioning Regional and Municipal Fleet to EV's and installing EVSE for public use in low-income communities at city facilities.	City of Houston
Regional Small Business Green Infrastructure Loan Program	H-GAC
Small Business Commute Solutions Incentive in LIDAC Areas	H-GAC

Key Dates



*Anticipated Dates

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h-gac.com/climate-pollution-reduction-grant-program

