



**CITY COUNCIL EXECUTIVE COMMITTEE MEETING  
CITY COUNCIL CHAMBERS, THIRD FLOOR, CITY HALL,  
#1 CITY HALL PLACE, PUEBLO, COLORADO 81003.**

**MONDAY, SEPTEMBER 18, 2023  
5:30 PM**

***Individuals Requiring Special Accommodations Should Notify the City's ADA Coordinator at (719) 553-2295 by Noon on the Friday Preceding the Meeting.***

***Executive Committee meetings are special meetings of the City Council and are informal Council meetings for the purpose of receiving information and discussion among Council Members; no official action is taken at such meetings. The public is invited to attend, but public comment is generally not received unless otherwise noted.***

## **Agenda**

### **CALL TO ORDER**

### **PRESENTATIONS**

- |                                                       |           |
|-------------------------------------------------------|-----------|
| <b>A. CITY UPDATES</b>                                | 5:30 p.m. |
| Laura Solano, Chief of Staff                          |           |
| 5 minute presentation                                 |           |
| <b>B. COLORADO SMELTER SUPERFUND SITE UPDATE</b>      | 5:35 p.m. |
| Sabrina Forrest - Lead Remedial Project Manager       |           |
| Charles Van Otten - Community Involvement Coordinator |           |
| Amanda Bartley - Remedial Project Manager             |           |
| Beth Archer - Community Involvement Coordinator       |           |
| 15 minute presentation                                |           |
| <b>C. ENERGY ADVISORY COMMISSION UPDATE</b>           | 6:00 p.m. |
| Ken Danti - Chair                                     |           |
| Laura Getts - Vice Chair                              |           |
| 15 minute presentation                                |           |
| <b>D. ELECTION CHANGES 2023</b>                       | 6:25 p.m. |
| Marisa Stoller, City Clerk                            |           |
| 15 minute presentation                                |           |

### **ADJOURNMENT**

# Colorado Smelter Superfund Site Update

Pueblo City Council  
September 18, 2023



# Agenda

- ▶ Introductions
- ▶ Community Properties (Operable Unit 1)
  - ▶ Residential Updates
  - ▶ Commercial Updates
  - ▶ 2023 Plans
- ▶ Former Smelter Area Updates (Operable Unit 2)
  - ▶ 2023 Plans
  - ▶ Sampling Status
- ▶ Enforcement activities

# Operable Unit 1 - Residential Updates



- ▶ Study area includes ~2,030 residential properties
- ▶ Lead Collaboration Pilot Project
- ▶ Residential soil last call
- ▶ Pueblo Health Department blood lead testing continues
- ▶ EPA is working on a public-facing dashboard for residential sampling and cleanup data
  - ▶ Currently in beta testing

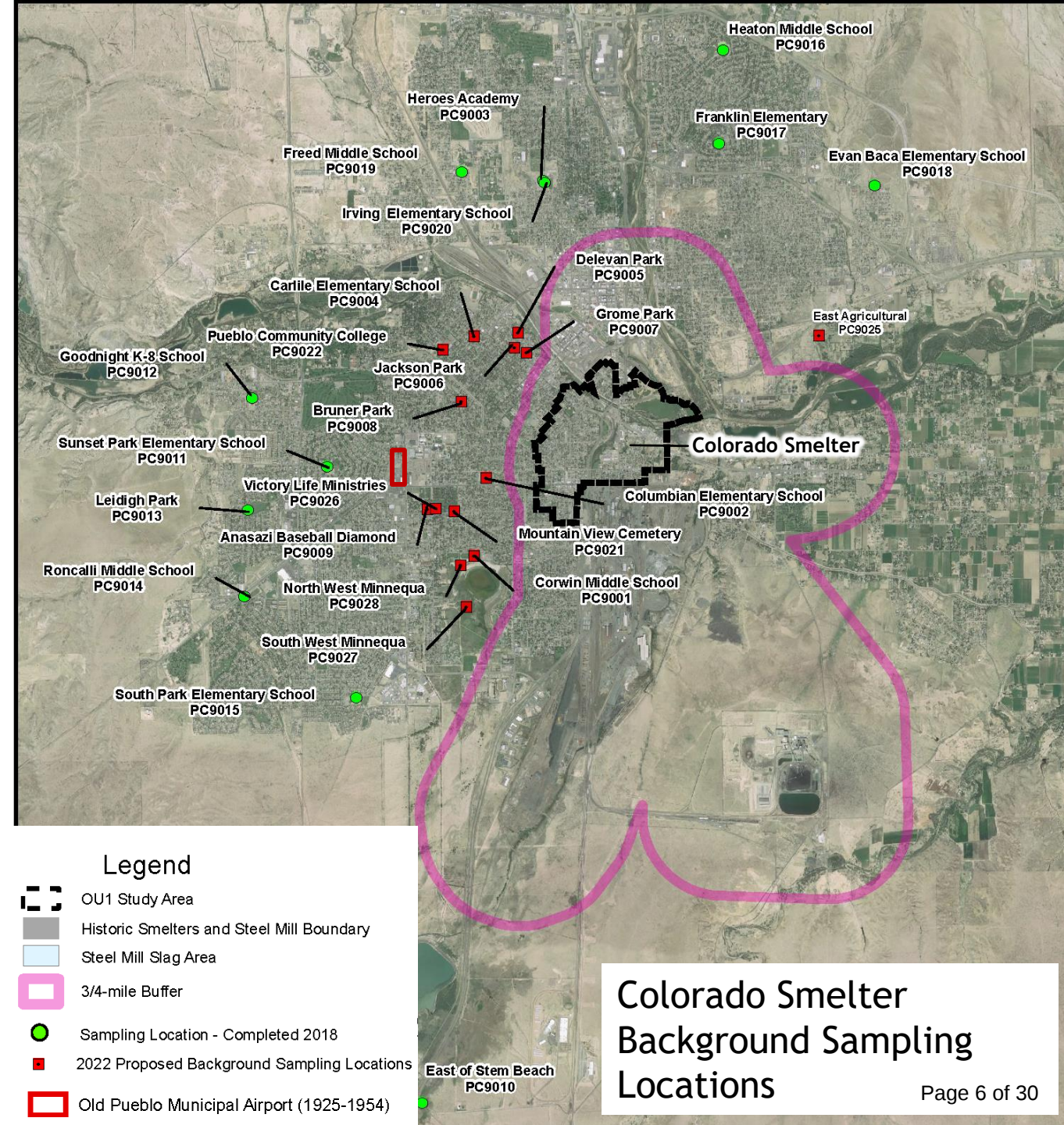
# Operable Unit 1 - Commercial Updates

- ▶ Approximately 200 commercial properties
- ▶ Soil sampling began in June 2023
- ▶ Final cleanup number will be determined in Final OU1 Record of Decision
- ▶ Any commercial properties needing cleanup will be cleaned after that



# Operable Unit 1 Updates - 2023 Plans

- ▶ Air dispersion modeling study
  - ▶ Models calculated distances and directions of smelter metals fallout from former stacks
  - ▶ Assists EPA in drawing a final Site boundary
  - ▶ Considers available historic and possibly similar sources data
- ▶ Updated Background Study planned for 2023
  - ▶ Goal to determine urban lead concentrations outside the area of influence of the smelter and other industrial sources of metals



# Current Activities on Former Smelter Area (Operable Unit 2)

- ▶ Shallow surface water/ground water sampling
  - ▶ Ground water monitoring well installation
  - ▶ Help us understand contamination
- ▶ Screening Level Ecological Risk Assessment
  - ▶ Tells us *potential* effects of contamination on plants and animals
- ▶ Conceptual Site Model updates
  - ▶ Illustrates what is known about how the site was contaminated and how plants, animals, and humans are affected by contamination
- ▶ Reuse planning
  - ▶ Beginning conversations about future land use planning



# Former Smelter Area Timeline

(as of September 2023, subject to change)

## 2022 - 2023

### In-house work:

- Screening Level Ecological Risk Assessment
- Preliminary Conceptual Site Model (updated each year onward)

### Sampling contractor work:

- Use preliminary groundwater/ surface water screening to screen locations for deeper boreholes
- Surface soil sampling of OU2 Undeveloped Areas
- Slag sampling
- Subsurface soil sampling
- Runyon Lake and Arkansas River sampling

## 2023 - 2025

- Data gap identification with associated sample planning
- Biota sampling
  - Fish, invertebrates (land & water), small mammals, vegetation
- Groundwater monitoring
- Feasibility study(ies)
- Draft Remedial Investigation Report
- Finalize Baseline Ecological Risk Assessment Workplan
- Finalize Human Health Risk Assessment

## 2026- 2027

- Finalize Remedial Investigation/Feasibility Study
- Proposed Plan with public comment period
- Record of Decision in 2027

# Ongoing Enforcement Activities

- ▶ Working through liability issues
  - ▶ Standard part of Superfund process to evaluate potential liability
  - ▶ Proposed Administrative Cashout Settlement with OU2 property owner
    - ▶ Public comment period extended until September 25, 2023
- ▶ Institutional Controls
  - ▶ Draft final ordinance reviewed by City's counsel, and Community Advisory Group (CAG)
  - ▶ Final Site boundary needed before we can move forward with finalizing the ordinance

# Colorado Smelter Key Contacts

## Environmental Protection Agency

- ▶ Sabrina Forrest, Lead Project Manager, 303-312-6484
- ▶ Sydney Chan, OU1 Project Manager, 303-312-6691
- ▶ Amanda Bartley, OU2 Project Manager, 406-457-5037
- ▶ Beth Archer, Community Involvement Coordinator, 720-512-1917
- ▶ Charles Van Otten, Community Involvement Coordinator, 720-245-1486

## Colorado Department of Public Health & Environment

- ▶ Sarah Graves, Project Manager, 303-692-3394
- ▶ Jeannine Natterman, Public Involvement Coordinator, 303-692-3303

Time: Fri, Apr 16, 2021, 12:20:49 MDT  
Elevation: 7772ft (±9.8ft)  
Datum: NORTH AMERICAN 1983, CONUS  
Azimuth Bearing: 266° S86W 4729mils True (±15°)  
Sight Angle: +00.2°  
Zenith Angle: -00.9°  
Scale: 1.0X



Time: Wed, Apr 21, 2021, 09:28:16 MDT

Elevation: 4758ft (±32.3ft)  
Datum: NORTH AMERICAN 1983, CONUS  
Azimuth Bearing: 127° S58E 2258mils True (±15°)  
Sight Angle: +03.1°  
Zenith Angle: -00.7°  
Scale: 1.0X



# Questions?

# PUEBLO ENERGY ADVISORY COMMISSION UPDATE: 2023

City Council Work Session  
09/18/2023



# COMMISSION'S MISSION

*This Commission is enacted to provide an entity through which the City may officially encourage and bring about better and more effective use of energy in all its forms within the City, to enable the City to reach its goal of 100% renewable energy by 2035 and to monitor franchise agreements and Public Utility Commission proceedings with respect to energy, insofar as they impact the City.*

The city of Pueblo passed a resolution in 2017 committing to 100% renewable energy. Its aim is to have the city powered by 100% renewable energy by 2035. The city's goals include reducing the city's climate footprint, lowering energy bills, and growing the local economy.

# THE FUTURE OF PUEBLO'S GRID

## BLACK HILLS ENERGY

Filed their “Colorado Clean Energy Plan” at the Public Utilities Commission, which entails:

- An 80% carbon reduction by 2030 (based on 2005 levels).
- 70% of their electricity will be generated by carbon-free sources by 2030
- 400 megawatts of new renewable resources, including wind, solar and battery storage
- Bill impacts that are still TBD

# WHAT DOES IT MEAN FOR THE CITY?

## TAKE ADVANTAGE OF A LOWER CARBON GRID

1. Beneficially electrify City assets and the community, including transportation
2. Pursue renewable energy projects of added benefit to the City
3. Work with BHE to close the carbon gap between 2030 and 2035 by participating in the Energy Resource Planning Process



# WHAT IS BENEFICIAL ELECTRIFICATION?

## BENEFICIAL ELECTRIFICATION (BE)

BE is the application of electricity to end-uses where doing so satisfies at least one of the following conditions, without adversely affecting the others:

- Saves consumers money over time;
- Benefits the environment and reduces greenhouse gas emissions;
- Improves product quality or consumer quality of life;
- Fosters a more robust and resilient grid



# WHAT COULD THAT LOOK LIKE?

## TAKING ADVANTAGE OF THE LOW CARBON GRID

- 100% electrification of new construction
- Conversion of existing appliances to electric, after completing meaningful energy efficiency upgrades (water heating, stoves, HVAC, etc. with the possibility of dual fuel/hybrid approaches)
- Conversion of transportation to fossil fuel-free options



# RENEWABLE ENERGY PROJECTS?

## PURSUE RENEWABLE ENERGY CARVEOUTS

- BHE will bring 400 MW of new renewable energy sources online
- Partner with BHE and renewable energy contractors to develop projects that bring the City and its residents additional benefits, e.g.:
  - Energy bill cost reductions, including targeted affordability for those who need it most
  - Workforce development
  - Localized resilience



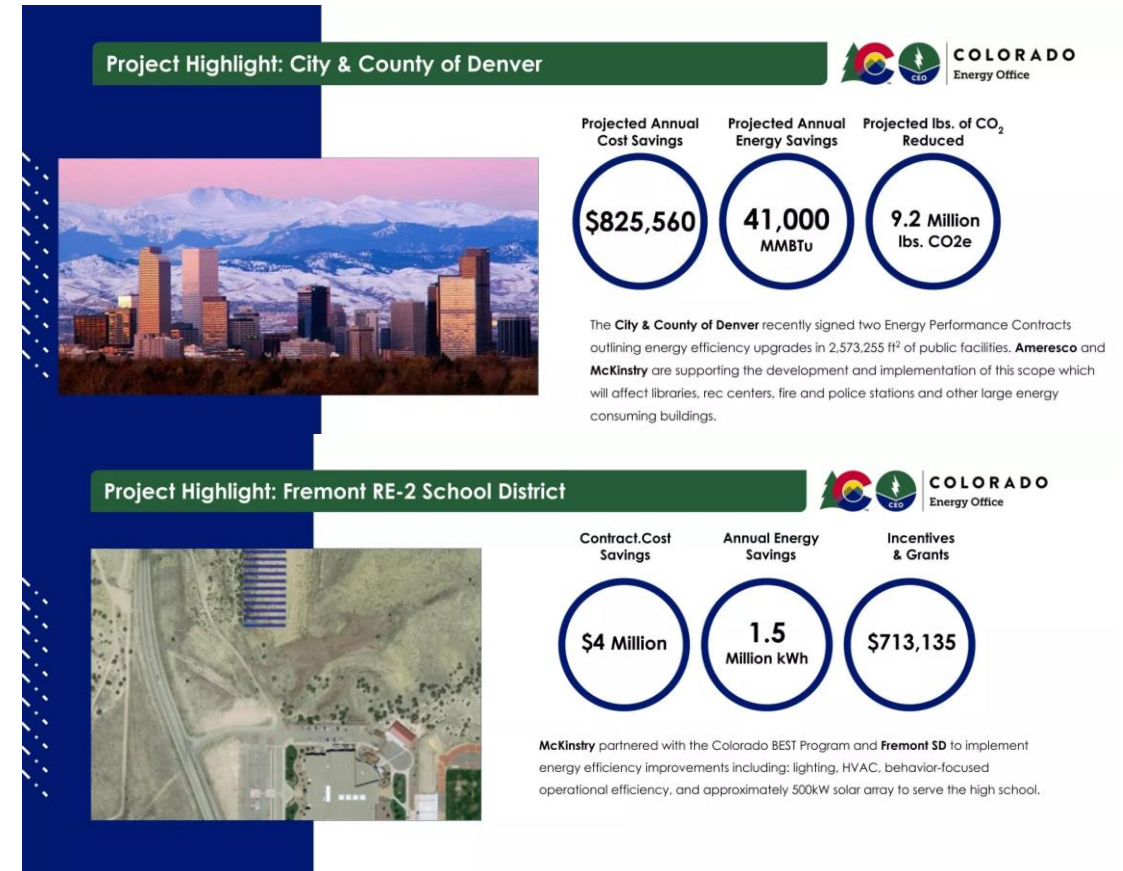
# SAMPLE STRATEGIES FOR GREENING THE GRID

## PROPOSAL

Thoroughly assess City facilities for energy savings and renewable energy opportunities with a skilled team of engineers and ASHRAE-certified auditors.

## HOW

Complete an Energy Performance Contract (EPC) through the Colorado Energy Office (CEO), which ensures a rapid and transparent third-party process that guarantees the City savings.



# SAMPLE STRATEGIES FOR GREENING THE GRID

## PROPOSAL

Require that all City-managed RFPs for new construction, retrofits, leases, and new vehicle purchases include at least one zero-emission alternative.

## HOW

Embed into the purchasing process and evaluate costs by considering the lifetime operating cost of the equipment, facility, or vehicle.



# SAMPLE STRATEGIES FOR GREENING THE GRID

## PROPOSAL

Incentivize all-electric new construction and retrofits through financial perks such as rebates and/or streamlined Pueblo Regional Building Department (PRBD) applications and permit fees.

## HOW

Work with PRBD to consider developing electrification-specific application materials, expedited review processes, and/or revised permit fee structures. Apply for federal funds to make any incentive funds available without negatively impacting the City's budget.

### Denver's NEW Climate Action Rebates Promise Homeowners

Thousands of Dollars in Energy-Efficient Savings



## DENVER

### CLIMATE ACTION, SUSTAINABILITY & RESILIENCY

### Green Building Program

[Home](#) > [Departments & Agencies](#) > [Community Development](#) > [Building Construction](#) > [Green Building Program](#)

The Green Building Program has been developed to help Charlotte County become a more sustainable community by reducing the environmental impact of buildings, and promoting economic and environmental health in the county. The program is designed to encourage environmentally sensitive construction and development. During construction, the builder



# SAMPLE STRATEGIES FOR GREENING THE GRID

## PROPOSAL

Support commercial energy efficiency and electrification while developing a supportive workforce to fill an energy auditing skills gap.

## HOW

Sign up businesses and organizations that would like to receive a thorough energy assessment. Hire a firm with strong commercial energy auditing capacity to complete a mass auditing blitz of these buildings and simultaneously conduct on-the-job training with local students or apprentices. Fund through State or Federal programs.



# SAMPLE STRATEGIES FOR GREENING THE GRID

## PROPOSAL

Spearhead community communication about federal and state funding opportunities that can drive energy efficiency and adoption of carbon-free technologies.

## HOW

Dedicate staff to conduct additional community outreach and regularly liaison with the Colorado Energy Office.

### **Colorado revives “cash for clunkers,” offers \$6,000 for an old car you trade for an EV**

Piling clunker credits on top of existing state and federal electric vehicle rebates can land you a very, very cheap new car

### **Colorado EV Tax Credit Rises to \$5,000**

Colorado offers a big tax break for residents who buy electric cars and trucks. Coloradans might save even more by adding the federal EV tax credit.

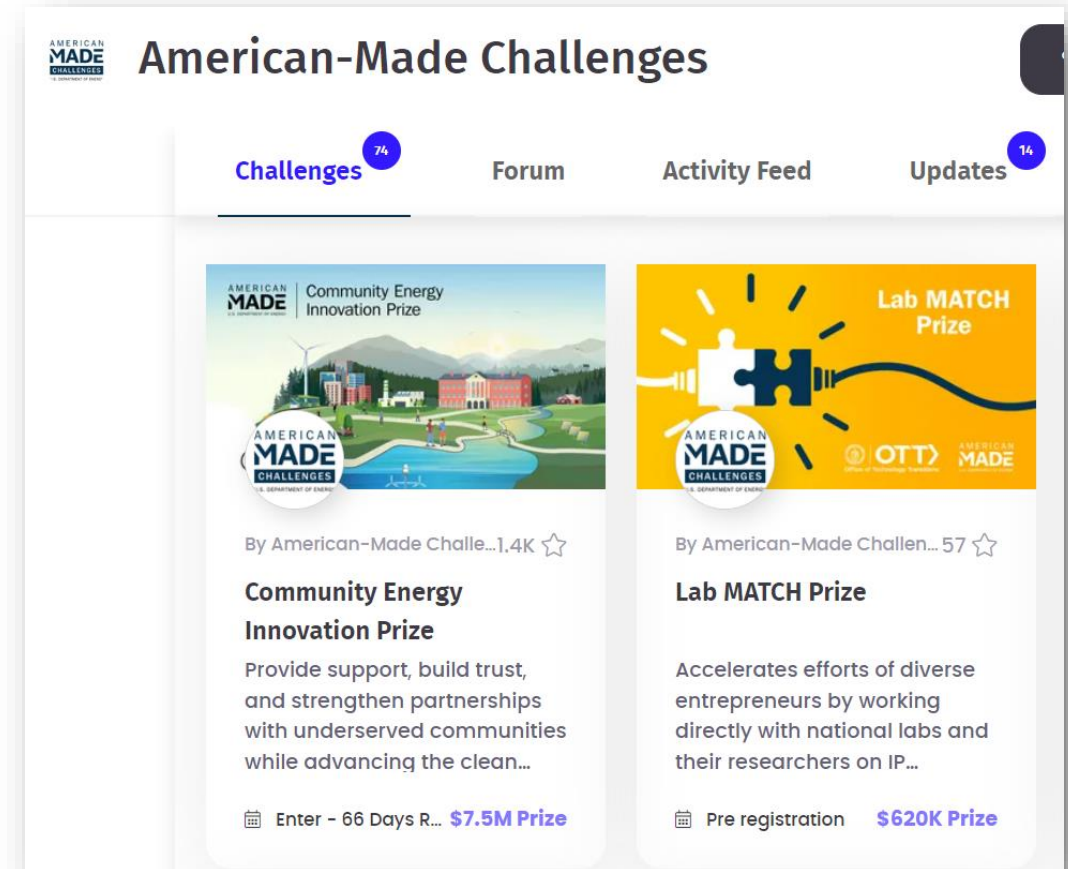
# SAMPLE STRATEGIES FOR GREENING THE GRID

## PROPOSAL

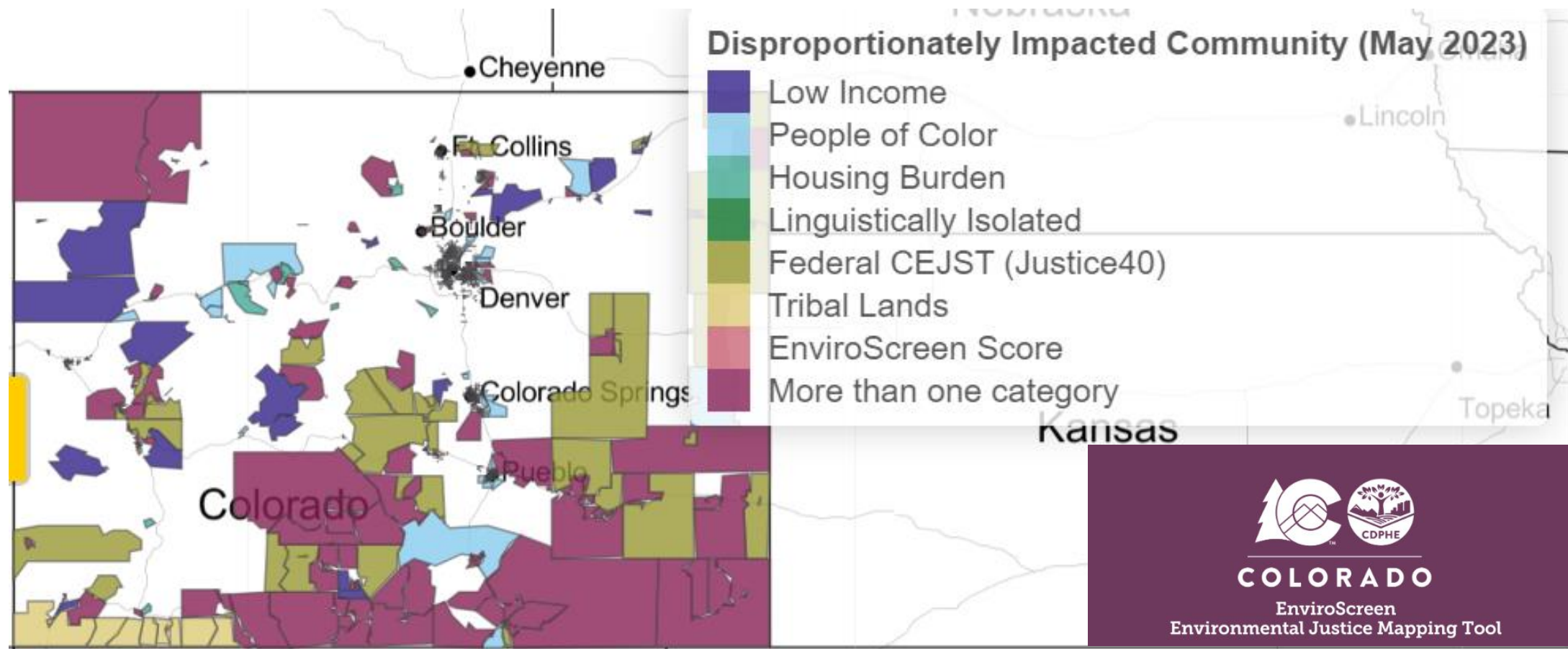
Pursue all relevant funding opportunities across State and Federal agencies. Target a minimum of \$15 million over the next several years.

## HOW

Staff up (it will pay many times over) and encourage community engagement and input. The City doesn't have to do it alone. Create formal ways for community stakeholders to submit ideas and partner on funding applications.



# WE ARE A DISPROPORTIONATELY IMPACTED COMMUNITY



# PUEBLO IS #1 MOST DISPROPORTIONATELY IMPACTED COMMUNITY IN COLORADO

| Group Component Scores | Component Score | Environmental Exposures | Environmental Effects | Climate Vulnerability | Sensitive Population | Demographics | Community Classifications | Indicator Descriptions |
|------------------------|-----------------|-------------------------|-----------------------|-----------------------|----------------------|--------------|---------------------------|------------------------|
|------------------------|-----------------|-------------------------|-----------------------|-----------------------|----------------------|--------------|---------------------------|------------------------|

Show 

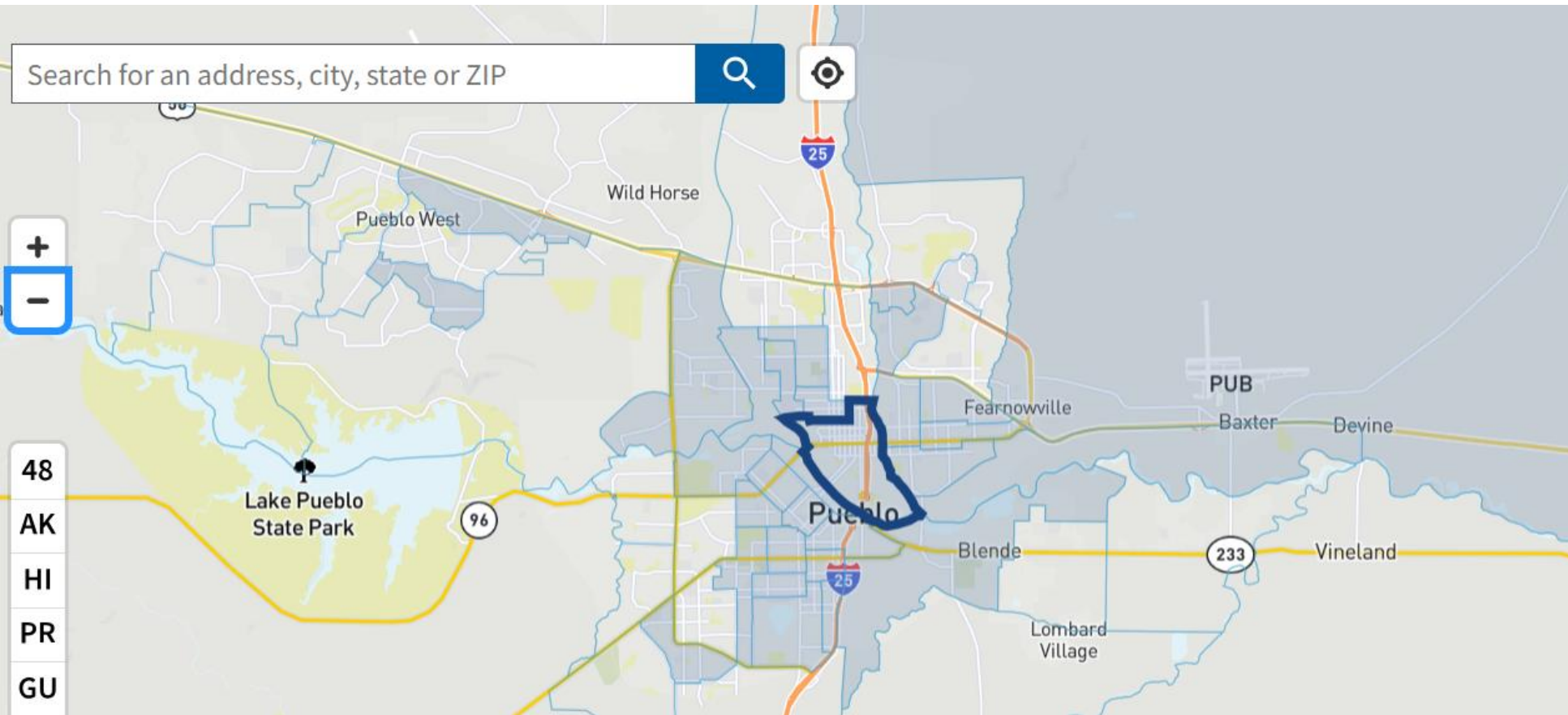
10

 entries

Search:

|    | <div><div></div><div>GEOID</div></div> | <div><div></div><div>County Name</div></div> | <div><div></div><div>EnviroScreen Score Percentile</div></div> | <div><div></div><div>EnviroScreen Score</div></div> | <div><div></div><div>Pollution and Climate Burden Score Percentile</div></div> | <div><div></div><div>Pollution and Climate Burden Score</div></div> | <div><div></div><div>Health and Social Factors Score Percentile</div></div> | <div><div></div><div>Health and Social Factors Score</div></div> |
|----|----------------------------------------|----------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------|
| 52 | 08101                                  | Pueblo County                                | 100                                                            | 86.055                                              | 93.75                                                                          | 63.073                                                              | 96.875                                                                      | 72.405                                                           |
| 46 | 08089                                  | Otero County                                 | 98.438                                                         | 70.701                                              | 76.562                                                                         | 48.88                                                               | 100                                                                         | 76.759                                                           |
| 37 | 08071                                  | Las Animas County                            | 96.875                                                         | 63.59                                               | 65.625                                                                         | 46.524                                                              | 98.438                                                                      | 72.535                                                           |

# PUEBLO IS A “DISADVANTAGED COMMUNITY”



## Tract information

Number: 08101003500  
County: Pueblo County  
State: Colorado  
Population: 1,876

## Tract demographics

Race / Ethnicity ([Show](#) ▾)

Age ([Show](#) ▾)

Identified as disadvantaged?

**YES**

This tract is considered disadvantaged because it meets more than 1 burden threshold **AND** the associated socioeconomic threshold.

# CELEBRATE SUCCESSES

## WELCOME GEORGE ANDREWS!

The City of Pueblo's new Energy Coordinator.

## NEVI AWARD

City of Pueblo was awarded National Electric Vehicle Infrastructure (NEVI) funds to install a DCFC plaza.

## EV PLANNING AWARD

City of Pueblo was awarded A Local Government Electric Vehicle (EV) Readiness Grant.



# NUCLEAR IS NOT ON THE TABLE

## NUCLEAR IS...

- Not considered a renewable energy resource
- Problematic for the environment and human health
- Cost prohibitive
- Timeline prohibitive (SMRs not available until 2040)

## JOIN THE CONVERSATION

The City of Pueblo has no representation on The Pueblo Innovative Energy Solutions Advisory Committee (PIESAC), which is strongly considering nuclear solutions. The City needs to be central to any conversations regarding a just energy transition.





QUESTIONS?