Revitalizing Colorado’s Energy Communities — we will begin shortly!

In the meantime, please note:

Slides, webinar recording, and resources will be posted to EnergyCommunities.netl.doe.gov and sent by email.

Enter questions into the Chat box to “All Panelists.”
Revitalizing Colorado’s Energy Communities

Colorado Office of Just Transition
Wade Buchanan
Director

U.S. Department of Energy (DOE)
Kate Gordon
Senior Advisor to Secretary Jennifer Granholm

September 2021
Coal in Colorado, 2019

Coal Mines
1. Foil Creek Mine
2. Trapper Strip Mine
3. Colowyo Mine
4. Deserado Mine
5. West Elk Mine
6. King II Mine

Power Plants
1. Hayden Station
2. Craig Station
3. Nucla Station (closed)
4. Comanche Station
5. Ray Nixon Power Plant
6. Martin Drake Power Plant
7. Pawnee Station
8. Rawhide Energy Station
Coal in Colorado, 2030

Coal Mines
1. West Elk Mine
2. King II Mine
3. New Elk Coal Company

Power Plants
1. Comanche Station
Transition Communities

The West End

- Mine closed in 2017, power plant closed in 2019
- School district lost 58% of its property tax base, and fire district lost 65%
- Approximately 80 direct jobs were lost from a regional workforce of less than 1,000
Transition Communities

The Yampa Valley

- Two power plants and four coal mines, all likely to close by 2030
- Almost 45% of all property taxes in Moffat County
- Approximately 900 direct jobs (over 5% of non-resort regional workforce)
Transition Communities

Morgan County

- Power plant converting to natural gas in 2028
- Estimated property tax loss of approximately 8% of total paid in county
Transition Communities

Pueblo

- Colorado’s largest power plant
- Two of three units closing by 2026. Third unit may continue, on limited basis, until 2040
- Total property taxes over 16 percent of total paid in county.
Transition Communities

Gunnison/Delta

- Colorado’s largest coal mine
- 350 direct jobs
- Two previous mine closures in the 2010s
Collective Impacts

Job Losses
- 825 Power Plant Workers
- 866 Miners
- Est. 1,000+ “supply chain” workers
- Multiplier effect in smaller communities

Property Taxes
- Loss of $3.2 billion in commercial property value
- Over 95 districts, including fire, school, water and more
Where Impacted County are You Joining From?

Put your region into the chat box on your right to “Everyone”

Most impacted coal community counties:

• Delta
• El Paso
• Gunnison
• La Plata
• Larimer
• Moffat
• Montrose
• Morgan
• Pueblo
• Rio Blanco
• Routt
• San Miguel
• Elsewhere or outside of Colorado
Agenda

Welcome & Introductions 9:00 – 9:10 a.m.
Wade Buchanan, Director, Colorado Office of Just Transition
Kate Gordon, Senior Advisor to Secretary Jennifer Granholm, DOE

Opening Remarks 9:10 – 9:30 a.m.
Brian Anderson, Executive Director, Energy Communities IWG & Director, NETL

Federal Funding Opportunities for Coal Communities 9:30 – 10:40 a.m.
Kate Gordon, Senior Advisor to Secretary Jennifer Granholm, DOE
Angie Martinez, Jamie Hackbarth U.S. Economic Development Agency
Robert McElroy, U.S. Department of Agriculture (USDA)
Briggs White, Department of Energy (DOE)
Erik Amundson, Department of Housing & Urban Development
Yolande Norman-Moore, Sterling Rideout, Department of Interior (DOI)
Jamie Connell, Bureau of Land Management Colorado
Brent Parton, Department of Labor
Agenda

Q&A 10:40 – 11:00 a.m.

Colorado State Panel 11:00 – 11:50 a.m.
Wade Buchanan, Director, CO Office of Just Transition
Terri Livermore, CO Office of Just Transition
Katharina Papenbrock, CO Office of Economic Development and International Trade
Greg Winkler, CO Division of Local Government, DOLA
Deana Sheriff, West End Economic Development Corporation
Peter Brixius, City of Craig, CO

Closing Remarks 11:50 a.m. – 12:00 p.m.

Formal Program Concludes 12:00 p.m.
Submit Questions in Chat

All attendees muted.

Send topic questions in Chat to all Panelists by clicking the chat icon on the bottom right of your screen.

Send technical assistance questions in Chat to Host.
Final Reminders

Slides, webinar recording, and resources will be posted to EnergyCommunities.netl.doe.gov and sent by email.

Enter questions into the Chat box to “All Panelists.”
Empowering Workers Through Revitalizing Energy Communities

The Workforce of the Future

Interagency Working Group on Coal and Power Plant Communities and Economic Revitalization

Brian J. Anderson, Ph.D.
Executive Director, Interagency Working Group on Coal and Power Plant Communities and Economic Revitalization

Director, National Energy Technology Laboratory
The Interagency Working Group (IWG) was established by Executive Order 14008, Sec. 218, on Jan. 27.

The IWG released an **Initial Report** with recommendations to catalyze robust economic activity and support workers in America’s energy sector.
Identified 25 priority Energy Communities

Coal communities identified as immediately challenged

Additional analyses forthcoming
In potential funding

$38B

The Looney Ridge mine in Wise County, VA
Get Updates

Your email address

SIGN UP

energycommunities.netl.doe.gov
@EnergyComm_US
@EnergyCommunitiesUS
@energycommunitiesus
Calls to Action

- **Stakeholder engagement opportunities**
  - Sign up at new website/follow social media
  - Attend webinars and workshops

- **Support coalitions and matching funds**

- **Provide input on priority IWG workstreams**
  - Stakeholder Engagement
  - Targeting Federal Investments
  - Capacity-Building/"One-Stop Shop"
Federal Funding Opportunities for Coal Communities

- US Economic Development Agency (US EDA)
  Angie Martinez, Jamie Hackbarth

- US Department of Agriculture (USDA)
  Robert McElroy

- Department of Energy (DOE)
  Briggs White

- Department of Housing & Urban Development
  Erik Amundson

- Department of Interior
  Yolande Norman-Moore, Sterling Rideout

- Bureau of Land Management Colorado
  Jamie Connell

- Department of Labor
  Brent Parton
Economic Development Administration (EDA) American Rescue Plan

INVESTING IN AMERICA’S COMMUNITIES
EDA’s Mission

To lead the federal economic development agenda by promoting innovation and competitiveness, preparing American regions for growth and success in the worldwide economy.

- Increase America’s global ECONOMIC COMPETITIVENESS
- Support COMMUNITY-LED ECONOMIC DEVELOPMENT
- Help communities develop RESILIENT AND AGILE local economies
EDA’s Investment Priorities

- Equity
- Recovery & Resilience
- Workforce Development
- Manufacturing
- Technology-Based Economic Development
- Environmentally-Sustainable Development
- Exports & Foreign Direct Investment

To learn more about EDA’s Investment Priorities, visit: https://eda.gov/about/investment-priorities/
Eligible Entities for EDA funding

Eligible lead institutions or regional coalition members include a(n):

- District Organization of an EDA-designated Economic Development District (EDD);
- Indian Tribe or a consortium of Indian Tribes;
- 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;
- Institution of higher education
- Public or private non-profit organization or association acting in cooperation with officials of a political subdivision of a State

EDA does not provide funding to for-profit entities or individuals
EDA in Colorado

Economic Development Districts
• Associated Governments Of Northwest Colorado
• East Central Council of Governments
• Northwest Colorado Council of Governments- Economic Development District
• Region 10 League for Economic Assistance and Planning, Inc.
• Region 9 Economic Development District of Southwest Colorado
• San Luis Valley Development Resources Group
• Southern Colorado Economic Development District

Native American Planning Grantee
• Ute Mountain Ute Tribe
Assistance to Coal Communities (ACC), EDA investment in Colorado

Since 2016, EDA has invested $4,692,481 through seven Assistance to Coal Communities awards in Colorado through innovative and transformative projects such as:

- **Western State Colorado University ICElab Project (2016):** EDA invested $576,000 in Western State Colorado University to develop an outdoor recreation focused business incubator on its campus.

- **Advance West-End Project (2018):** EDA invested $845,000 in a Telluride Foundation and West End Economic Development Corporation initiative to diversify the region’s economy.

- **Western Slope Broadband Projects (2017 & 2021):** EDA invested over $2 million in two broadband infrastructure projects to assist the coal-reliant region with improved broadband infrastructure.
$3 billion in American Rescue Act funding to Invest in America’s Communities

This **historic investment** will support bottom-up, economic development focused on advancing equity, creating good-paying jobs, helping workers to develop in-demand skills, building economic resilience, and accelerating the economic recovery for the industries and communities hit hardest by the coronavirus pandemic.

EDA investments made under the American Rescue Plan will support the Biden-Harris Administration’s commitment not just to build the American economy back to where it was before the pandemic, but to **build back better and stronger**.
$3 billion in American Rescue Plan funding to invest in:

**Jobs for Today**
- Good Jobs Challenge
- Travel, Tourism, & Outdoor Recreation

**Communities Built for All**
- Economic Adjustment Assistance
- Indigenous Communities
- Coal Communities Commitment

**Regions for the Future**
- Build Back Better Regional Challenge
- Statewide Planning, Research, & Networks
<table>
<thead>
<tr>
<th>NOFOs</th>
<th>Description</th>
<th>Total American Rescue Plan funding: $3B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Statewide Planning, Research, &amp; Networks</td>
<td>$90M</td>
</tr>
<tr>
<td>2</td>
<td>Build Back Better Regional Challenge</td>
<td>$1B</td>
</tr>
<tr>
<td>3</td>
<td>Travel, Tourism, &amp; Outdoor Recreation</td>
<td>$750M</td>
</tr>
<tr>
<td>4</td>
<td>Economic Adjustment Assistance</td>
<td>$500M</td>
</tr>
<tr>
<td>5</td>
<td>Indigenous Communities</td>
<td>$100M</td>
</tr>
<tr>
<td>6</td>
<td>Good Jobs Challenge</td>
<td>$500M</td>
</tr>
</tbody>
</table>

Non-ARPA DRO Funding:
- $15M for EAA
- $4-8M for ACC
Funding Commitments

EDA’s $300 million Coal Communities Commitment will ensure support for coal communities as they recover from the pandemic and create new jobs and opportunities.

25% of the $3B American Rescue Plan funds are dedicated to communities that suffered economic injury as a result of job and GDP losses in the travel, tourism, or outdoor recreation sectors.
Statewide Planning, Research, & Networks
$90 million

*Invest in economic plans, research to assess the effectiveness of EDA’s programs, and support stakeholder communities around key EDA initiatives*

**Statewide Planning: $59M**

$1 million planning grants to each state and territory

$1 Million offered to Colorado

**Research & Networks: $31M**

- **Research & Evaluation:** Fund projects to study the implementation of EDA’s American Rescue Plan programs; identify valuable strategies, data, and trends; and inform future EDA grant-making

- **Communities of Practice:** Fund the launch and operations of communities of practice across key groups of EDA stakeholders (UCs, RLFs, EDDs, etc.) and other American Rescue Plan programs (Build Back Better Regional Challenge, Good Jobs Challenge, etc.)
Accelerate communities impacted by COVID-related travel and tourism decline through block grants to states and competitive grants

**Travel, Tourism, & Outdoor Recreation**

$750 million

**State Grants: $510M**
- Award allocations to each state and territory based on economic development indicators in the leisure and hospitality industries
- Can fund destination marketing, but cannot fund economic diversification projects

**Challenge: $240M**
- Assist communities that suffered economic injury because of job losses in travel, tourism, or outdoor recreation sectors
- EDA prefers projects that directly support the travel, tourism, and outdoor recreation sectors; but will consider diversification projects
- Cannot fund local destination marketing

$9 Million offered to Colorado

$19 Million available at Denver Regional Office
Economic Adjustment Assistance

$500 million

Invest in infrastructure, technical assistance, planning, and revolving loan programs through competitive grants available to every community

• Most flexible American Rescue Plan program; intended to fund non-construction and construction activities not already part of another Notice of Funding Opportunity (NOFO).

• A wide range of technical, planning, workforce development, entrepreneurship, and public works and infrastructure projects are eligible for funding under this program.

• EDA encourages application submissions based on long-term, regionally oriented, coordinated, and collaborative economic development or redevelopment strategies that foster economic growth and resilience. This includes plans aimed at building stronger regional economic links between urban centers and rural areas.

$200M Coal Communities Commitment

$24 million at DRO
Indigenous Communities
$100 million

Develop projects designed to create the conditions for economic growth in Indigenous communities and to accelerate economic recovery from the pandemic

• Additional $100 million in Economic Adjustment Assistance funds will specifically support Indigenous communities and can be used to fund nontraditional EAA projects, like health centers

• A wide range of technical, planning, workforce development, entrepreneurship, and public works and infrastructure projects are eligible for funding under this program

• This competition is open only to Indian Tribes, as defined in EDA’s regulations, nonprofits serving Native Hawaiians, and nonprofits serving Native Pacific Islanders

Regional Competition - $11 million available at Denver Regional Office
Build Back Better Regional Challenge
$1 Billion

*Transform economically distressed communities through substantial investment in regional growth clusters*

- Proposals should include regional coalitions, industry support, and high-impact projects with a shared vision for a regional growth cluster
- One key coordinating entity per region
- 3-8 projects per regional cluster
- $100M to the Coal Communities Commitment

Projects can include:
Planning | Infrastructure | Workforce | Entrepreneurship
Build Back Better Regional Challenge
Two-Phased Approach

Phase I: 50-60 regions awarded technical assistance grants to finalize plans for project clusters

Total: ~$500,000 per region

Phase II: 20-30 regions from Phase I regions awarded implementation grants from full project cluster applications

Total: ~$25-$100M per region

Phase 1 Concept Proposal Deadline: October 19, 2021

Phase 2 Application Deadline: March 15, 2022

National competition
Good Jobs Challenge
$500 million

Get Americans back to work by establishing or strengthening regional systems to train workers with in-demand skills through employer-driven training models that support participants with wrap-around services and employer commitments to hire.

**System Development**
Funding to help an organization establish and develop workforce systems and sectoral partnerships.

**Program Design**
Funding to develop skills training curriculum and materials, secure technical expertise to train workers, and secure employer commitments to hire.

**Program Implementation**
Funding for non-construction projects to provide workforce training and connect workers with quality jobs, including wrap-around services.

**National Competition**
Deadline: January 26, 2022
Resources

Visit our website for resources: [www.eda.gov/arpa](http://www.eda.gov/arpa)

- One-page overviews
- NOFO webinars
- FAQs
- Applicant support tools
Questions?

Economic Development Representative
Trent Thompson
tthompson@eda.gov

Deputy Economic Development Representative
Jamie Hackbarth
jhackbarth@eda.gov

Visit [www.eda.gov/arpa](http://www.eda.gov/arpa) to learn more about the American Rescue Plan programs and find contact information for each.
USDA Rural Development is a partner in economic development:

• Helping provide affordable rural housing
• Connecting rural businesses and workers with funding and training opportunities
• Provide funding to maintain and improve infrastructure such as roads, bridges and water systems
• Helping ensure communities have access to health, safety and education services

It’s as easy as remembering the ABC’s…..
Rural Development = Economic Development
It’s as easy as A, B, C...

- Affordable Housing
- Business Programs
- Community Programs
Business Programs – Rural Business & Cooperative Service

• Loans and Grants
Business Programs: Rural Business and Cooperative Services

- Business Acquisition & Refinancing
- Business Start-up & Working Capital
- Business/Economic Development & Technical Assistance
- Product Development, Market Expansion & Energy
Energy

- Rural Energy for America Program (REAP)
- Advanced Biofuel Payment Program
- Higher Blends Infrastructure Incentive (HBIP)
- REAP Energy Audits & Renewable Energy Development Grants
- REAP Renewable Energy Systems & Energy Efficiency Improvement Loans & Grants
Where can I find out more about these programs?

www.usda.gov
How do I qualify?
How do I apply?

• For program eligibility and requirements see Notice of Solicitation for Application (NOSA) & Fact Sheets

• Measuring success of economic development projects...jobs! Number of jobs created and jobs preserved
Colorado Staff Contacts

- Robert McElroy, B&I, RMAP & IRP Program robert.mcelroy@usda.gov
- Jessica Akers, RBDG & VAPG Programs jessica.akers@usda.gov
- Cindy Chadwick, REAP Programs cindy.chadwick@usda.gov

Website: www.USDA.gov and search “Business Programs”
Revitalizing Colorado’s Energy Communities
By scaling up the development and deployment of clean energy technologies, DOE will put Americans to work building a new clean energy infrastructure and economy, while making sure that every American worker and community can benefit from—and see their future in—clean energy solutions.
Key Offices

Office of Fossil Energy and Carbon Management

Energy Efficiency and Renewable Energy

Office of Electricity

Loan Programs Office
<table>
<thead>
<tr>
<th>Bioenergy Technologies Office</th>
<th>Hydrogen Fuels Cells Technology Office</th>
<th>Geothermal Technologies Office</th>
<th>Advanced Manufacturing Office</th>
<th>Water Power Technologies Office</th>
<th>Weatherization and Intergovernmental Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Define key economic and environmental sustainability indicators and priorities</td>
<td>• Regional clean hydrogen production and end use opportunities</td>
<td>• Investigating deep direct use of geothermal resources to heat and cool the 2000-acre WVU Morgantown campus.</td>
<td>• Industrial Assessment Centers WVU, NC State, Lehigh, Georgia Tech, Syracuse, University of Alabama, University of Dayton, University of Kentucky, and Case Western Reserve</td>
<td>• TVA testing a floating pumped storage hydropower (PSH) membrane in Melton Hill Reservoir, TN</td>
<td>• State Energy Program</td>
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<tr>
<td>• Estimate regional feedstock availability and transport costs</td>
<td>• Collaboration on H2EDGE and Center for Hydrogen Safety on training and workforce development</td>
<td>• Open funding opportunity for Wells of Opportunity</td>
<td>• Combine Heat and Power Technical Assistance Program</td>
<td>• Performing a PSH innovation study that includes using abandoned mines</td>
<td>• Weatherization Assistance Program</td>
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<td>• Identify key potential markets and transitions</td>
<td>• Hydrogen Shot “111” - $1 for 1 kg clean hydrogen in 1 decade</td>
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**Bioenergy Technologies Office**

- Define key economic and environmental sustainability indicators and priorities.
- Estimate regional feedstock availability and transport costs.
- Identify key potential markets and transitions.

**Hydrogen Fuels Cells Technology Office**

- Regional clean hydrogen production and end use opportunities.
- Collaboration on H2EDGE and Center for Hydrogen Safety on training and workforce development.
- Hydrogen Shot “111” - $1 for 1 kg clean hydrogen in 1 decade.
- Hydrogen Shot Summit Aug 31-Sept 1.

**Geothermal Technologies Office**

- Investigating deep direct use of geothermal resources to heat and cool the 2000-acre WVU Morgantown campus.
- Open funding opportunity for Wells of Opportunity.
- Topic aimed at transition oil and gas fields to geothermal.

**Advanced Manufacturing Office**

- Industrial Assessment Centers WVU, NC State, Lehigh, Georgia Tech, Syracuse, University of Alabama, University of Dayton, University of Kentucky, and Case Western Reserve.
- Combine Heat and Power Technical Assistance Program.
- Better Buildings Program – provides energy and water assessment tools and case studies.

**Water Power Technologies Office**

- TVA testing a floating pumped storage hydropower (PSH) membrane in Melton Hill Reservoir, TN.
- Performing a PSH innovation study that includes using abandoned mines.
- Evaluating options for nonpowered dams to support Appalachia in partnership with USACE.

**Weatherization and Intergovernmental Program**

- State Energy Program.
- Weatherization Assistance Program.
Fossil Energy & Carbon Management Priorities

Demonstrate and Deploy Point Source Carbon Capture
RDD&D for CCS in the power and industrial sectors to enable wider, strategic commercial deployment to meet net-zero emissions goals by 2050.

Advance Carbon Dioxide Removal & Low Carbon Supply Chains for Industry
Research, develop, and demonstrate CDR approaches by investing in direct air capture and mineral carbonation projects and develop novel approaches to recycle carbon emissions.

Low-Carbon Industrial Supply Chains
Develop novel approaches to recycle carbon emissions into value-added products such as concrete, steel, chemicals, and fuels using systems-based carbon management approaches consistent with realizing a net-zero carbon economy by 2050.

Accelerate Zero-Carbon and Carbon-Neutral Hydrogen (H₂)
Develop technologies that leverage the natural gas infrastructure for H₂ production, transport, storage, & use, coupled to carbon management.

Reduce Methane Emissions
Develop technologies and deploy regional initiatives to monitor and reduce methane emissions from fossil fuel infrastructure including coal, oil, and gas.

Advance Critical Minerals, Rare Earth Elements, Carbon Utilization, and Mine Remediation
Improving REE separation/recovery technologies to manufacture products from CO₂ and carbon ores to address current market and process economics. Advancing R&D to address abandoned mines.

Increase Efficient Use of Big Data and Artificial Intelligence
Use AI, machine learning, and data analysis to create learning algorithms within large dataset to help discover new material, optimize processes, and run autonomous systems.

Address the Energy Water Nexus
Improve our efficient use of scarce water resources advance water remediation technologies to address the environmental impacts related to produced or displaced water associated with oil, gas, and coal industries, in addition to that associated with dedicated CO₂ storage.

Invest in Thoughtful Transition Strategies
Invest in technologies and approaches and deploy regional initiatives to help create an equitable and just transition to a net-zero carbon economy in energy communities.
# Office of Electricity Workstreams

<table>
<thead>
<tr>
<th>Workstream</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Advanced Grid Research &amp; Development</strong></td>
<td>Develops and manages projects for “next generation” electricity delivery technologies and supporting activities to accelerate their introduction into the marketplace.</td>
</tr>
<tr>
<td><strong>Energy Resilience</strong></td>
<td>Works with electricity system partners and stakeholders to modernize the grid and ensure equitable and adequate transmission capacity across the United States.</td>
</tr>
<tr>
<td><strong>Grid Operations Technology</strong></td>
<td>Engineers end-to-end systems for grid modeling, operations, security, measurement, and synchronization at scale.</td>
</tr>
<tr>
<td><strong>Power Marketing Administrations</strong></td>
<td>Western Area Power Administration, Bonneville Power Administration, Southeastern Power Administration, Southwestern Power Administration</td>
</tr>
</tbody>
</table>

**Patricia A. Hoffman,**
Acting Assistant Secretary; Principal Deputy Assistant Secretary, Office of Electricity
Conversion to Clean Energy Assets

- Redevelopment of abandoned sites can mitigate the economic impact of plant and mine closures
- Redevelopment can leverage significant portions of the existing asset to accelerate clean energy deployment at a lower cost
- Transmission access point can be particularly valuable...especially in MISO

Options that Could Potentially Be Eligible for DOE Loans & Loan Guarantees

- Nuclear (SMRs and Microreactors)
- Numerous technologies are expected to have NRC licenses by 2025
- Hydrogen
- Battery Energy Storage System (BESS)
- Solar and Wind
- Can help utilities meet state RE mandates
- Require larger tracts of land that may not be available on the existing footprint
- Thermal Energy Storage (TES)
- Great match with labor skillsets from previous coal-fired generation facility
DOE’s Annual Procurement Process Flow - Notional

**Follow the Money**
- Ongoing

**Structure the Opportunity**
- June-Dec

**Conduct the Competitive Phase**
- Jan - June

**Select, Negotiate and Award Projects**
- July - September

**Advance the Technology**
- Ongoing

1. President’s Request Budget (PBR)
2. House Committee Mark
3. Senate Committee Mark
4. Annual FY Appropriation

1. Generate Spend Plans for all Programs
2. Complete Acquisition Planning Process
3. Identify Portfolio of Procurements to be Initiated
4. Schedule Critical Path Milestones

1. Develop Planning Documentation
2. Publish RFP or NOI
3. Issue Procurement
4. Initial Screening, Qualify Applications
5. Develop Consensus, Score Applications

1. Select and Announce Winners
2. Initiate Negotiations
3. Finalize Awards

1. Technology Maturation Planning
2. Technology Readiness Assessments
3. Independent Program/Project Peer Reviews
4. Inform Future R&D Needs
Resources

• **Contact us**
  • We’ll connect you with the right person

• **Signup to receive notifications**
  • FedConnect.gov – funding
  • DOE Programmatic Listservs – newsletters & events

• **Partner with National Labs**
  • Technical Assistance
  • Regional POC

• **Network at Program and Project Review Meetings**
  • Meet partners
  • Hear the latest
Department of Housing & Urban Development (HUD)

HOUSING

HOMELESSNESS

ECONOMIC DEVELOPMENT
Eligible Activities Categories

Planning

Public Service

Special Economic Development
Montrose: Black Canyon Boys and Girls Club
Craig: Sawmill Operation
Moffat County: Wastewater Improvement Project

CDBG Activities - Examples
Guide to National Objectives and Eligible Activities for State CDBG Programs

Date Published: December 2014

Description
The updated guide provides information on national objectives and eligible activities for the State Community Development Block Grant (CDBG) Program. It also provides an overview of the Housing and Community Development Act of 1974 (HCD).

Cover
Introduction
Table of Contents
Chapter 1: Selecting Activities That Comply
Chapter 2: Categories of Eligible Activities
Chapter 3: Meeting a National Objective
Chapter 4: Overall Expenditures Level - Benefit to Low Income Persons
Appendices
Appendix A: The Housing and Community Development Act of 1974 (HCD) Eligible Activities for States
Appendix B: Code of Federal Regulations, Title 24 570.480 - .497, Regulations for State CDBG Program
Appendix C: Public Benefit Standards
Appendix D: Special Assessments under the CDBG Program
Appendix E: Community Revitalization Strategy Areas

Thank You

ERIK AMUNDSON
DEPUTY REGIONAL ADMINISTRATOR, HUD REGION VIII
ERIK.AMUNDSON@HUD.GOV
DEPARTMENT OF INTERIOR
Office of Surface Mining Reclamation and Enforcement

Abandoned Mine Land (AML) Program

Sterling Rideout
Assistant Director, Program Support Directorate

Yolande Norman-Moore
Chief, Division of Reclamation Support
Title IV AML Program

The Surface Mining Control and Reclamation Act of 1977 (SMCRA) established the Title IV Abandoned Mine Land (AML) Program to address AML issues created before SMCRA’s enactment.

- Achieving the Title IV Mission
- Creating a nationwide program to address legacy mining issues
- Assisting States and Tribes develop and implement their AML Programs
- Providing reclamation grants annually based on coal fee collections
AML Program Responsibilities

**AML Program Status:** 25 States and 3 Tribes have approved Title IV AML reclamation programs.

<table>
<thead>
<tr>
<th>Title IV Responsibilities</th>
<th>State and Tribal Responsibilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Accomplish Reclamation Priorities</td>
<td>• Identify Reclamation Priority for Funding</td>
</tr>
<tr>
<td>• Review Reclamation Plans and Activities</td>
<td>• Implement Reclamation Plans and Activities</td>
</tr>
<tr>
<td>• National Environmental Policy Act (NEPA) Review</td>
<td>• Update e-AMLIS</td>
</tr>
<tr>
<td>• Maintain inventory of AML problems (e-AMLIS)</td>
<td>• Procure Contractors to Conduct Reclamation</td>
</tr>
<tr>
<td>• Financial Assistance</td>
<td></td>
</tr>
</tbody>
</table>

Peanut Mine Reclamation in Colorado - Before

Peanut Mine Reclamation in Colorado - After
20 Uncertified States have not completed reclamation of all the priority coal sites

5 Certified States and 3 Indian tribes have certified that all coal reclamation priorities have been completed. Tribes include: Crow Tribe, Hopi Tribe, Navajo Nation
Title IV AML Program

Abandoned Mine Land Grant Distribution Process

Treasury Funds

OSMRE

AML Grants

Certified States and Tribes

Uncertified States

Minimum Program States

States/Tribal Share

Historic Coal Share

Federal Expense Share

Active Coal Mines

AML Fund

Treasury

$
AML Funding in Colorado

Minimum program states receive a minimum of $3 million minus 5.7% in FY 2021

Fiscal Year AML Reclamation Grant Distributions: www.osmre.gov/resources/grants.shtm
### Types of AML Problems

**The Priority is to Reclaim Coal Problems per SMCRA**

<table>
<thead>
<tr>
<th>PRIORITY 1</th>
<th>PRIORITY 2</th>
<th>PRIORITY 3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Extreme danger to public health and safety or environment</strong></td>
<td><strong>Adverse effects to public health and safety or environment</strong></td>
<td><strong>Adverse effects to land, water resources, and the environment</strong></td>
</tr>
</tbody>
</table>
| Examples:  
  - Dangerous highwalls  
  - Subsidence  
  - Portals | Examples:  
  - Priority 1 problems, but less dangerous | Examples:  
  - Slurry  
  - Spoil area  
  - Pits |

**Decreasing urgency of threat to public safety and environmental effects**

OSMRE maintains a database of these AML sites (98% coal) in the enhanced Abandoned Mine Land Inventory System (e-AMLIS).
AML in Colorado

$31,554,955 unfunded AML inventory in Colorado, as of 9/30/20:
• Priority 1: $17,958,400
• Priority 2: $4,148,460
• Priority 3: $9,448,095

Source: OSMRE’s enhanced AML Inventory System (eAMLIS)

Can AML funds be leveraged with other Federal funds?
Yes, but AML funds can only be used for reclamation.

For more information on specific sites, please contact:
Jeff Graves, Program Director
Inactive Mine Reclamation Program, Division of Reclamation, Mining, and Safety
Colorado Department of Natural Resources
Phone: (303) 866-3567 ext. 8122
Email: jeff.graves@state.co.us
Yolande Norman-Moore, Chief, Division of Reclamation Support
ynorman@osmre.gov

Sterling Rideout, Assistant Director, Program Support Directorate
srideout@osmre.gov
Community Driven Opportunities for Economic Development

BLM’s Multiple Use, Sustained Yield Mission

Renewable Energy
- Biomass
- Solar
- Wind

Recreation

Future Opportunities to be Defined
Workforce Opportunities for Revitalizing Colorado’s Energy Communities
Supporting the Workforce in Colorado’s Energy Communities

• **Partners Right in Your Community:** The Workforce System in the U.S. and Colorado in a comprehensive partner

• **Opportunities to Support Regional Workforce Partnerships:** Priority Investment Opportunities to Support Economic Development
The Workforce Development System

- DOL distributes over $3.5 billion in formula programs to states to operate workforce programs (FY 2021)
  - DOL awards an additional $750 million in competitive grant programs serving specific populations and communities.
- Decentralized system led by local business-led boards
- Deliver workforce services through ~2,400 American Job Centers in communities nationwide
- Dual-customer system serving both businesses and job seekers
- Served nearly 12M jobseekers in PY 2019. Of those, 3.5M+ received staff-assisted services.
The Workforce Innovation and Opportunity Act’s (WIOA) Alignment

WIOA’s Aligned Workforce Development System

- US Dept of Commerce
- US Dept Health & Human Services
- US Dept of Labor
- US Dept of Education
- US Dept of Agriculture
- US Dept Housing & Urban Devt
Workforce Development System

U.S. Department of Labor

Oversees the public workforce system

State Agency/State Workforce Development Board

Develops a strategic vision for the state, provides leadership to the local workforce development boards and informs local strategies

Local Workforce Development Boards

Provides strategic direction to their areas and sets training priorities

Local American Job Center Network Partners

Serves job seekers and businesses directly

Service Providers

Some services provided by third parties or contracts

Decentralized Public Workforce System
Department of Labor’s Workforce Grants

- Grants are designed to be flexible in terms of purpose and applicants and promote innovative solutions to specific challenges at a community level by:
  - Delivering training or other workforce-related services
  - Providing a wide range of support services to participants
  - Serving and Partnering with Employers
  - Equipment Purchase and Facility Renovations
American Jobs Plan Priorities and Current Grant Initiatives

- **Comprehensive Supports**: Dislocated Workers and Youth Grants
- **College-based Training**: Strengthening Community Colleges Grants
- **Sector Partnerships**: H-1B Skills Training Grants
- **Apprenticeship** Grants
Contact Us

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Senior Advisor for Workforce, USDOL/Employment and Training Administration

Frank Stluka, Stluka.Frank@dol.gov
Regional Director for Workforce Development, Office of State Systems Regions IV and VI, USDOL/Employment and Training Administration
Colorado State Panel

Opportunities and Challenges in Colorado’s Energy Communities

• Terri Livermore
  CO Office of Just Transition, CDLE

• Katharina Papenbrock
  CO Office of Economic Development and International Trade

• Greg Winkler
  CO Division of Local Government, DOLA

• Deana Sheriff
  Executive Director, West End Economic Development Corporation

• Peter Brixius
  City Manager, City of Craig, CO
Office of Just Transition

**Action Plan**

- Long-term goals for communities and workers
- Leveraging and developing additional funding from public, non-profit, and private sources
- Short-term resources vs long term needs

**Guiding Principles**

- Community-led and worker-led strategies
- Transparent and accountable
- Consistent and equitable benefits
- Learn and innovate
- Leverage opportunities
State Funding

2021 Legislative Session - State Stimulus Funds

- $15 million over two years
  - $8 million to implement the Action Plan
    - Funds to communities
      - Long-term community led strategy
      - Fair and equitable distribution to transition communities
    - Leveraging - match dollars for communities
    - Investment strategy seed money
    - Centralized functions (impact studies, grant writing, etc.)
    - Administration
  - $7 million for Coal Transition Worker Assistance Program
    - Individual financial and transition planning
    - Pilot programs to test innovative approaches
    - Groundwork for longer-term strategies
- $1 to $2 million annually from phasing out of coal-related tax provisions (production level dependent, likely to decline)
Activities

What's Happening?

- $210k match for successful REDI grants; West End and Yampa Valley
- Developing process/criteria for consistent and equitable distribution of community funds
- Growing local partnerships/engagement
- With communities, identify local/regional/state strategies for maximizing current federal funding opportunities
- Identify and support capacity needs for community/regional efforts to acquire federal/state funding
- Continue to build investment and philanthropic engagement strategies for long-term funding opportunities
OEDIT Resources for Colorado Coal Transition Communities
OEDIT Overview

Small Business Support

- Access to Capital
- Technical Assistance
- Incentives

Community Support

- Strategic Technical Assistance
- State and Federal Strategic Partnerships
Coal Transition - Programs in Practice

- Rural Opportunity Office
  - Rural Roadmaps Program
- Global Business Development division
  - Industry statistics, studies and strategies
- Colorado Tourism Office
  - Destination recovery and development
- Colorado Outdoor Recreation Industry Office
  - Outdoor Industry business & community support
- Colorado Creative Industries
  - Creative districts and arts funding
- Business Financing & Incentives, Small business Development Centers, Minority Business Office
  - Supporting new and existing businesses
- Colorado Office of Film, TV & Media
  - Telling the Colorado story
Funding Sources Open Now

- **Access to Capital**
  - CLIMBER Loan Fund
  - Colorado Revolving Loan Fund
  - Colorado Startup Loan Fund

- **Small Business Grants, Technical Assistance and Incentives**
  - Meeting and Events Incentive
  - Rural Jump Start Zone Grants

- **Community Programs**
  - Colorado Community Revitalization Grant
  - Tourism Marketing Matching Grant
  - Economic Development Organization Recovery Grant
  - Colorado Arts Relief Grant
Key Takeaways

- Talk to your local businesses to identify their needs: access to capital, grants or technical assistance.
- For your community level planning, prioritize what’s most important and pick the program accordingly. Always collaborate!
- Leverage your local and regional Small Business Development Centers and economic development partners.
- Link to OEDIT’s programs.
- Sign up for the OEDIT newsletter.
- Reach out to OEDIT’s Rural Opportunity Office.
Office of Economic Development & International Trade

Katharina Papenbrock
Deputy Director, Rural Opportunity Office
P 720-830-5707 | katharina.papenbrock@state.co.us
FUNDING PROGRAMS PROVIDED BY THE COLORADO DEPARTMENT OF LOCAL AFFAIRS

Presented by Greg Winkler, Regional Manager North Central Mountains
September 2, 2021
Energy Mineral Impact Assistance Fund (EIAF)

- In FY 21-22 the EIAF fund will provide $16.5 million in grant funding.
- The fall cycle (currently underway) has $6.5 million in funding.
  - Tier I Grants are funded up to $200,000 and are administratively reviewed.
  - Tier II Grant are funded up to $600,000 and are reviewed by the Energy Mineral Impact Advisory Committee.
- All final awards are made by the Executive Director.
Energy Mineral Impact Assistance Fund (EIAF)

- The spring cycle (March, 2022) is anticipated to have $10 million in funding.
  - Limits, reviews and approvals on all Tier I and Tier II Grants remain the same for this cycle.
HB21-1271

DOLA Innovative Affordable Housing Strategies
Intent of Legislation  HB21-1271

• Incentivize municipalities and counties to remove land use regulatory (e.g., zoning) and development review process barriers and to add local incentives to developing affordable housing
• Provide funding and resources to local governments (planning work) to remove these barriers and add local incentives so they qualify for incentive grants
• Help communities reach their affordable housing goals
3 DOLA Programs Created by the Bill

1. **Planning Grants** ($6.8M to award)
   - Model land use codes

2. **Housing Development Incentive Grants** ($37.7M to award)
   - To qualify, applicants must have adopted at least 3 qualifying strategies

3. **Housing Toolkit** ($1.6M total)
   - Cohort training and technical assistance program (led by Division of Housing)

*All program guidelines to be posted by September 1, 2021*

*All funds spent by June 30, 2024*
Planning Grant Program

• $6.8 million in grants to communities to adopt strategies to fund the development of qualifying strategies and technical assistance and to be eligible for incentive grants.

• Housing needs assessments (including equity assessments) could be part of qualifying strategy development

• Launched July 2021, first apps due September 20, then rolling grant cycles until funds are depleted

• 25% local match with flexibility for reduction with economic hardship
Housing Development Incentives Program

- $37.7 million for grants to a muni/county to gap fund an affordable housing development or to otherwise support affordable housing implementation - infrastructure, tap fees, neighborhood or site amenities, or other investments (e.g., land acquisition, create program)

- To qualify, applicants must adopt at least 3 qualifying strategies from the menu of options in the statute. DOLA has ability to add or accept “other” strategies.

Housing Toolkit Division of Housing

- $1.6 M in cohort training and technical assistance program (led by the Division of Housing)
Rural Economic Development Initiative (REDI)
To support communities in creating jobs locally and building resilient and diversified economies.

Rural Economic Development Initiative Awards
July 2021

- Twenty-one applications were awarded $4,109,685 statewide.

- The applications were a combination of implementation projects, capacity building, and planning.

- Fifteen projects supported economic stabilization and growth through diversification and the growth of entrepreneurship.
Rural Economic Development Initiative (REDI) Fall Funding 2021

- Opens August 30, 2021 and closes October 1, 2021.

- $2.5 Million available in this cycle.

- Maximum award of up to $430,000 allowed.

- Awards to be made in late November, 2021.

- All projects should have some element of job creation or retention.

- For further information: https://cdola.colorado.gov/funding-programs/rural-economic-development-initiative
Additional programs

- Renewable and Clean Energy Initiative HB21-1253

- Broadband HB21-1289

- Economic Roadmap and Resiliency Program (DOLA, OEDIT and EDA)
  https://www.coresiliency.com/roadmap-program
Renewable and Clean Energy Initiative (RENW)

• Funding of $5.0M was made available through HB21-1253 to local governments.
• Proposed projects are to support the development and construction of renewable and clean energy infrastructure in all areas of the state.
• Additional consideration will be given to communities in which renewable and clean energy infrastructure is sparse and to those communities that will enhance geographical diversity of these awards.
Broadband

Broadband Interconnectivity Program (HB21-1289)

• Funding from HB21-1289 supports the Broadband Interconnectivity Program to provide public institutions, private businesses, and citizens with access to reliable broadband service.
• Regional, multi-jurisdictional approaches to broadband planning and Open Access infrastructure implementation are critical to the coordinated deployment of broadband interconnectivity.
• Funds are available from the Interconnectivity Grant Program. $5,000,000 in funding is available with no cap. Local match required is 25% of the project cost.
• In FY 21-22 DOLA has earmarked $4.1 million in Energy Impact Assistance Fund (EIAF) monies.
• Energy Impact Grants for broadband are made available to support two general areas – planning and provision of infrastructure.
• Local government matching funds requirements range from 25% to 50% depending on type of request.
• The funds shall not be used for “Last Mile” deployments.
• Any infrastructure built with program funds and offered to private entities must be done so in an open access, competitively neutral model.
Economic Roadmaps and Resiliency Program

• The Department of Local Affairs (DOLA), the Office of Economic Development and International Trade (OEDIT), and the Colorado Department of Labor and Employment (CDLE), along with Community Builders, are partnering to provide this opportunity to regional communities.

• Sixteen Regional Community Teams encompassing 169 jurisdictions have been selected for participation.

• Through this process the community teams will develop their own “Rural Colorado COVID-19 Economic Recovery and Resiliency Roadmap Plan” ("Recovery Roadmap" for short).

• We are currently in the initial Groundwork Phase with each team.
Regional and Program Managers
Contact your DOLA Regional Manager to discuss project ideas
https://cdola.colorado.gov/regional-managers

1271-Innovative Housing Program
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Local Resiliency Manager
Revitalizing Colorado’s Energy Communities
Advance West End (AWE)
West End – who we are

- “Frontier” region of Colorado
- 2,700 Square Miles
- Region a “watershed area” comprised of Nucla, Naturita, Paradox, Bedrock, Redvale (Montrose County) and Norwood (San Miguel County)
- 11 persons per square mile
- 125 miles to the nearest stoplight
- Strong history of mining, with coal & uranium mines now closed and Tri-State Generation Facility closing by year end
West End – who we are

- Economically distressed region of Colorado
- Unemployment: 14.9%
- Families with children under age 5 living below the poverty rate: 66.7%
- 2016 Per Capita Income: $25,045 – or – 83.9% of U.S. PCI before the closure of the power plant
- Region designated as an Opportunity Zone
- State “Just Transition” Tier 1 community
Nucla-Naturita Telephone Company (NNTC) invested their funds to bring broadband to the West End

- Extending service to Norwood and laying additional fiber optic cable

- Currently available in Nucla, Naturita, Paradox, Redvale, and soon in Norwood

- Speeds up to 100 Gig available

- Most businesses have signed up for 2G to 5G at this time
Inventoried the Assets

Outdoor Recreation & Tourism

Value-added Agriculture

Small Business & Entrepreneur Development

Tabeguache Trading Co.
Norrid, CO
Di. 1217
Growing the West End Economy

- Business Development
- Specialized Ag and Outdoor Industry Business Support
- Business Incubation
- Expanded Food Product Distribution
- Commercial Kitchen Access
- Coworking

Everything on the Table
Developed a Plan

Business Diversification and Action Plan, March 2018 identified these priorities:

- #1: Promote Business Retention, Diversification & Development
- #2: Outdoor Recreation Planning & Development
- #3: Community Development/Main Street Improvements
- #4: Community Marketing
SBDC relationship – Satellite Office
Complete Website Rebuild

Over 400-man hours, multiple contractors, photography/videography coordination, transfer of domain
Rebranded the West End
West End Colorado Website

- Lists all the activities to do in the West End
- Ever-evolving project
  - Itineraries
  - Lodging options
  - Connections to local vendors
Skillful Workforce Development

Markle Foundation Grant
Able to get additional funding to keep program going for another 2 years
Very successful in assisting folks with resume writing, job searches, etc.
Had to leverage more funding for community

Applied for over $1.9 Million in grant funding
(10 to 100 hours per grant)

RECEIVED: $629,068
- WEEDC (Operations)
- Skillful Operations (Workforce Development)
- Basin Clinic (Operations)
- Rimrocker Historical Society (Ballpark Upgrades)
- Nucla-Naturita Area Chamber (Operations)
- Little Nature Park (Signage, Upgrades, Operations)

JUST AWARDED: $350,000 REDI Grant
- WEEDC (Operations for 2 years)
- Façade Improvement Program

Housing Development
Future Goals / Outcomes

People
- Reduced unemployment
- Available housing / improved housing
- Improved Medical Services
  - Basin Clinic (new facility, $7 million project)
- New K-12 School (BEST Grant, 2021, $35 million project)

Place
- Identified Tourist Destination
- Improved Signage on Trails
- Walk-able Communities
- More Small Business Enterprises Open
- Agriculture Strengthened
  - Heritage Grains, Apple Core Project, Hemp
All this has made a difference!

- Sales tax collection up 20% (2019 to 2020)
- Commercial space occupied on all 3 Main Streets
- Between 2019 and today... 114 new businesses have formed in the West End!
  - (188 new businesses in the last 7 years)
- West End named “Small Community of the Year” by the Economic Development Council of Colorado
Recognition at the Federal Level

U.S. Department of Commerce-Economic Development Administration visit 8/18/2021

- **Alejandra Castillo** – Assistant Secretary, US EDA
  - One of the first visits to a community in US since appointment to position
- **Angela Martinez** – Regional Director, US EDA
  - First visit to West End
Final Thoughts

- Every community has something to build upon
- Have a plan, but focus on what you can actually get done
  - Fix the weaknesses as quickly as possible
  - Break it into multi-year programs
- Gather your resources – partners, champions, those able to provide match for grants
- Communicate, communicate, communicate!
- Don't be afraid to ask for help!
Yampa River Corridor Project EDA Process Timeline

- **MAY 28, 2020**
  - City/County identify YRCP for EDA EAA app

- **JUNE 15, 2020**
  - Discuss YRCP w/ EDA rep Trent Thompson

- **AUGUST 12, 2020**
  - EDA app Q's w/ Trent

- **AUGUST 12, 2020**
  - Prelim app review w/ Trent, remove trail

- **AUGUST 24, 2020**
  - Review app w/ Trent prior to submission

- **SEPTEMBER 2, 2020**
  - Submit EDA EAA app

- **SEPTEMBER 2, 2020**
  - Submit requested supplements to EDA

- **SEPTEMBER 24, 2020**
  - Remove in-kind

- **OCTOBER 14, 2020**
  - EDA EAA app denied

- **OCTOBER 21, 2020**
  - EDA debrief & ACC app retool, remove A&E

- **NOVEMBER 4, 2020**
  - Remove in-kind

- **NOVEMBER 9, 2020**
  - Resubmit as EDA ACC app

- **NOVEMBER 6, 2020**
  - Review app w/ Trent prior to resubmission

- **NOVEMBER 24, 2020**
  - Submit requested supplements to EDA

- **DECEMBER 29, 2020**
  - Received MFC Letter

- **JANUARY 12, 2021**
  - Discuss MFC w/ EDA, reviewed Feb. 4 timeline challenge - OK w/ Fall 2021 / end of EDA FY

- **JANUARY 2021 - PRESENT**
  - Continue work submitting MFC attachment A requested docs to EDA

- **MAY 14, 2021**
  - Craig contracts w/ Riverwise Engineering for A&E

- **MAY 28, 2021**
  - Submit to EDA project timeline/tasks

### Additional efforts/timeline to secure A&E funding necessary to secure EDA funds

- **JANUARY - MARCH 2021**
  - Yampa White Green Basin Roundtable App ($85,000)

- **FEBRUARY - MARCH 2021**
  - Resources Legacy Fund App ($100,000)

- **MARCH 2021**
  - DOLA EIAF Tier 1 App ($200,000)

- **APRIL - MAY 2021**
  - Yampa River Fund App ($110,000)
Thank you!

Interagency Working Group on Coal and Power Plant Communities and Economic Revitalization

EnergyCommunities.netl.doe.gov
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