



NCEL

National Caucus of
Environmental Legislators



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Clean Energy Jobs and a Just
Transition



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@ncelenviro

March 19, 2021

Speakers

Moderator:

- Clara Summers, Climate & Energy Manager, National Caucus of Environmental Legislators

Presenters:

- Ann Williams, Illinois State Representative
- Kevin Lee, State Policy Director, Blue Green Alliance
- Chris Markuson, Director of Colorado and State Economic Transition Policy, Blue Green Alliance



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Labor Standards in Climate Policy

Kevin Lee, State Policy Director

March 19, 2021

CUMULATIVE NEW CAPACITY ADDITIONS

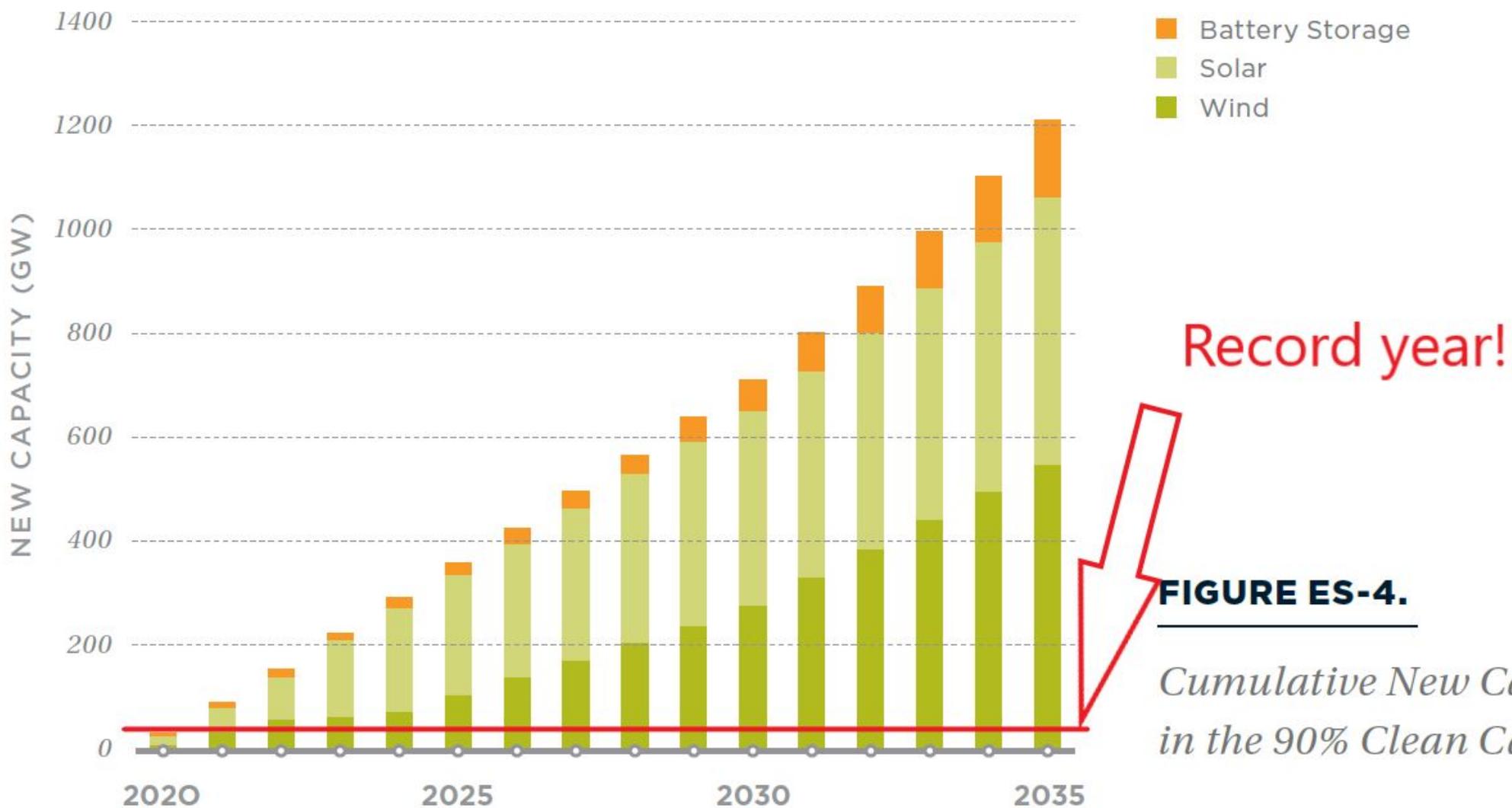
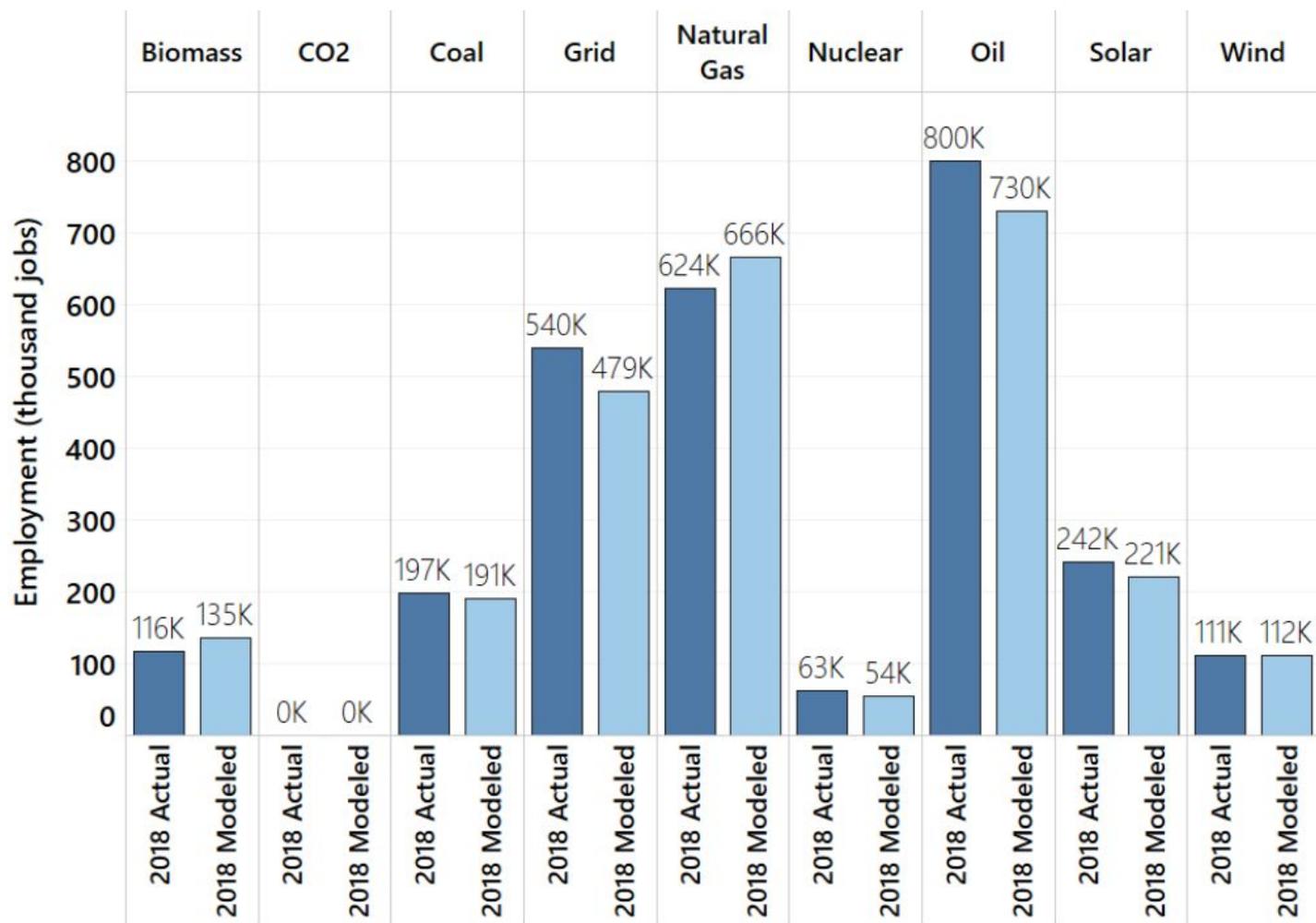


FIGURE ES-4.

*Cumulative New Capacity Additions
in the 90% Clean Case, 2020-2035*



Average wages in natural gas industry

- Fuels sector (extraction, manufacturing, wholesale trade/distribution):

\$67,330

- Utilities/Electric Power Generation (incl. gas plant operators, in-house trades, system operators, etc.):

\$74,638

- Construction (incl. contracted trades work):

\$58,850

*Solar installation: \$46,850



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Unionization in natural gas industry

- Fuels sector (extraction, manufacturing, wholesale trade/distribution):

 - 3% (driven mainly by low unionization in extractive industry)**

- Utilities/Electric Power Generation (incl. gas plant operators, in-house trades, system operators, etc.):

 - 11%**

- Construction (incl. contracted trades work):

 - 17% (driven by high unionization for contracted pipeline/storage trades work)**

*Solar PV: 4%

*Workforce at large: 6%

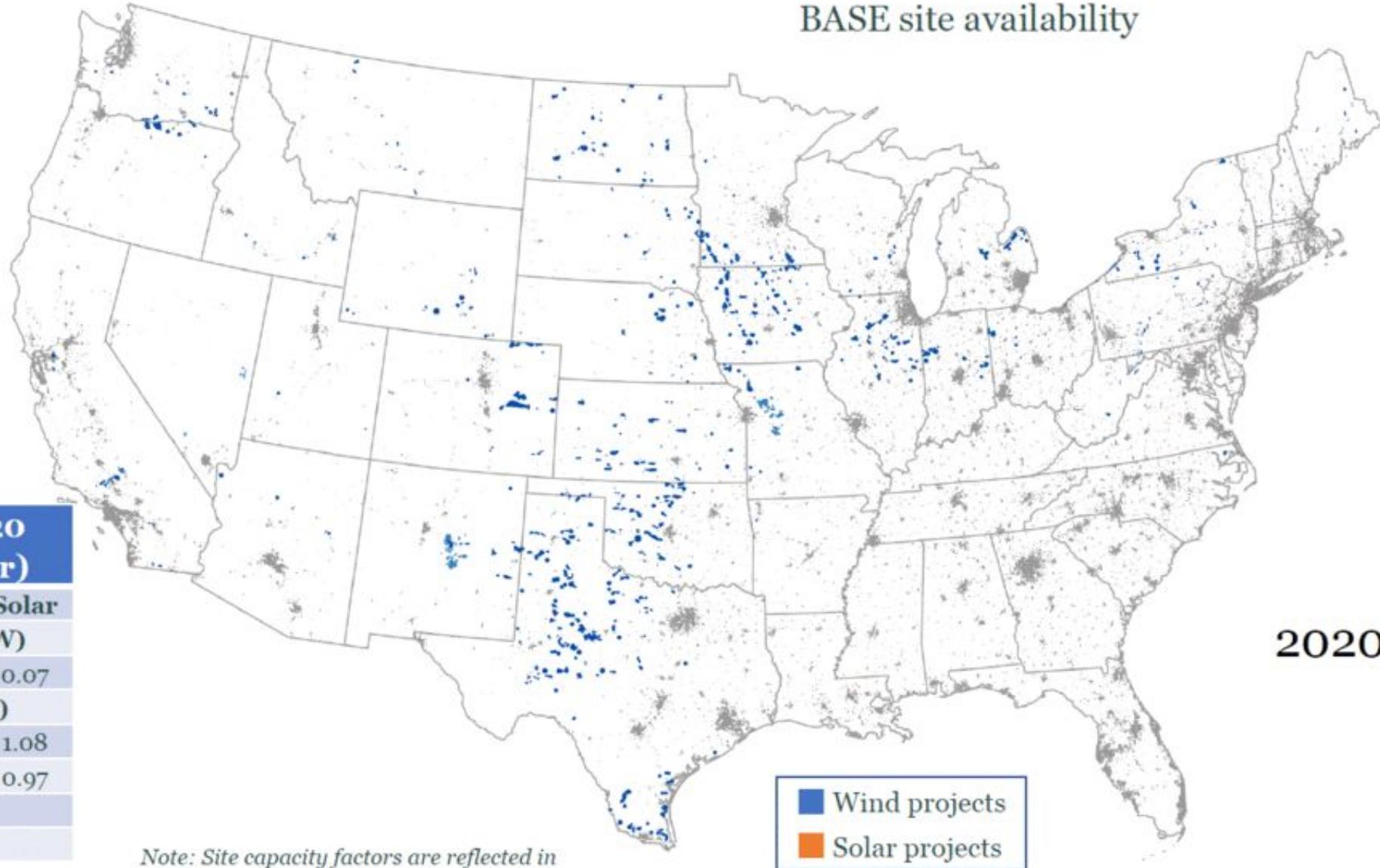


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Evolution of wind and utility-scale solar projects, E+ Base



BASE site availability



**As of end 2020
(modeled year)**

	Wind	Solar
Capacity installed (TW)		
	0.15	0.07
Land used (1000 km²)		
Total	58	1.08
Direct	0.6	0.97

■ Wind projects
■ Solar projects

Note: Site capacity factors are reflected in color intensity (highest CF = darkest color).

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Labor standards to ensure high job quality

- Project Labor Agreements and Community Workforce Agreements
- Prevailing Wage
- Local Hire
- Targeted Hire
- Organizing Rights
- Apprenticeship Utilization



What is the State Policy Toolkit?

- Handbook of policy concepts that tie climate policy to economic security and fairness
- Examples of statutory or administrative language
- Resource for advocates and policymakers crafting policy language or bill concepts



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Thank you!

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JUST TRANSITION POLICY OPTIONS



CHRIS MARKUSON

**DIRECTOR OF COLORADO
AND STATE ECONOMIC
TRANSITION POLICY**



COLORADO'S LEGISLATIVELY MANDATED GREENHOUSE GAS TARGETS



2025: 26% reduction



2030: 50% reduction



2050: 90% reduction

Assumes 50% of GHG reduction to come from closing coal power plants

JUST TRANSITION: HOW?

Study and experience indicates the following:

1. Provide a broad system of support for impacted workers
2. Empower and equip communities with what they need to shape their own destiny
3. Make better use of State tools to assist workers and communities
4. Improve and enhance long-term regional economic development efforts
5. Ensure lands are reclaimed, creating good jobs

Soon



Less Soon

- HB 19-1314 – Just Transition Office
 - Established Transition Advisory Committee
 - Provided administrative, logistical, research and policy support
 - 1.5 FTEs
 - Draft plan complete Aug 1, 2020
 - Final plan with policy recommendations complete Dec 31, 2020

COLORADO 2019 LEGISLATION



- **Appointed by Director**
 - Three representatives of coal workers
 - Three representatives from coal communities
 - Two representatives with economic development or workforce retraining
 - Two representatives from disproportionately impacted communities
 - Two representatives of utilities

- **Ex-Officio Members**
 - Executive Director, Department of Labor
 - Director, Office of Economic Development
 - Director, Colorado Energy Office
 - Executive Director, Department of Local Affairs
 - Representative of Office of the Governor
 - Member of the Senate
 - Member of the House



TRANSITION ADVISORY COMMITTEE MAKEUP



I - SUPPORT FOR WORKERS

Options Contemplated in Colorado:

Health Benefit
Replacement or
Supplemental

Individual
Worker
Transition Plans

Job Search

Relocation
Assistance

Training

Wage
Differential

Wage
Replacement

Wrap-Around Services:

- Child Care
- Health Care
- Mental Health Care
- Transportation Assistance
- Utility Assistance
- Other



II - SUPPORT FOR COMMUNITIES

Options Contemplated in Colorado:

Community Transition Plans

State Program Alignment with Local Strategies

Target early success in business expansion, retention and creation

Empower communities with resources to drive their own transitions

Coordinate infrastructure investments to support transition strategies

Invest in physical and social infrastructure

Attract grants and investments



For Consideration:

- Rural Development Hubs
 - (Aspen Institute and USDA)
- Tap Existing Tools of Multiple Agencies
- Economic Gardening
- First Risk Capital Funding



COLORADO'S PLAN: IN PROGRESS



Provide a broad system of support for impacted workers



Empower and equip communities with what they need to be in charge of their own destiny



Make better use of State tools to assist workers and communities



Improve and enhance long-term regional economic development efforts



Ensure lands are reclaimed, creating good jobs

THANK YOU

Chris Markuson
Director of Colorado and State Economic Transition Policy

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LOCAL WORK:

KEY TAKE-AWAYS FOR OTHER STATES

- A. Economic Impact Analysis produced by Colorado Mesa University for Assoc Governments of NW Colorado
 - Quantifies the potential loss
 - Allows establishment of firm goals
- B. “Moffat County Vision 2025 Transition Plan”
 - Local follow-up to statewide plan
 - Empowers regional leaders to advocate for needed resources

Focus Areas, Key Priorities and Goals			
Focus Area	Focus Area Goals	Priority Area	Priority
Tourism	Bring more visitors to the area who stop, stay, and spend money	Destination Marketing	1. Further develop economic impact 2. Event development
		Paleo Museum	1. Actively promote 2. Establish a paleo repository
		Outdoor Rec Opportunities	1. Attract more visitors
New & Existing Industry	Support existing industry to grow and expand Attract new industry by leveraging existing resources and assets	Colorado Northwestern Community College (CNCC)	1. Encourage and support 2. Help plan and coordinate housing 3. Maximize partnerships with colleges
		Agriculture	1. Leverage and support ranching
		Solar Farm	1. Leverage the transmission infrastructure
		Coal to Products	1. Find viable alternatives in the region 2. Focus on producing new business
		Aerospace	1. Explore options for promoting North Colorado
Infrastructure and Planning	Improve quality of life for locals while attracting more visitors and residents through improved infrastructure and planning Attract new business and development with improved infrastructure and planning	Outdoor Rec Infrastructure	1. Continue to build trails 2. Further partnerships 3. Improve river access 4. Support efforts to improve river access
		Transportation	1. Expand and plan for future focusing on intermodal
		Housing	1. Develop work force housing 2. Develop more affordable housing
		Urban Renewal	1. Beautify main streets
		Broadband	1. Complete the broadband network
		Public Services	1. Ensure critical services are maintained and improved 2. Expand services to improve quality of life

COLORADO OFFICE OF JUST TRANSITION

<https://cdle.colorado.gov/the-office-of-just-transition>

