

# Community Benefits Outcomes and Objectives

**Recipient Name:** Regents of the University of California

**Project Title:** Community Alliance for Direct Air Capture (CALDAC)

**Award Number:** DE-FE0032382

## I. Executive Summary

In response to DE-FOA-0002735 Modification 000004 CALDAC will undertake a comprehensive assessment of the technical, social and governance feasibility of establishing a community-informed direct air capture (DAC) hub in California. The Recipient shall develop a Community Benefits Plan Development Proposal (CBPDP) during Phase 0a and a Community Benefits Plan during Phase 0b. The feasibility assessment will include two intersecting and interconnected elements:

- Development of the DAC Hub structure and assessment of the technical feasibility of the DAC Hub, including technology partners, location, business model, and CO<sub>2</sub> storage/utilization/conversion option(s), and
- Assessment of the social and governance feasibility of an innovative, community-led ownership model, governance structure, and community benefits plan that engages local stakeholders as core partners.

The resulting feasibility study will include: a hub design that is technically feasible and meets community-designed criteria for environmental, economic, and safety performance, accountability, and transparency; a hub owner, ownership model, and governance structure that delivers real and measurable community benefits; and co-produced data, accountability metrics, and structures to guide Phases 1 and 2. The Project Team has allocated significant budget to support engagement, including funding for community-based organizations and participant stipends.

The project will utilize a community-guided design process that will include regular meetings with stakeholder groups and the community throughout. The Project Team will hold an inclusive kickoff meeting in Month 1 to establish this process with all project partners. Community input and criteria will inform the technological analysis, environmental, health and safety review, and development of ownership and governance structures to deliver meaningful community benefits.

The Project Team will engage community partners to establish a Community Oversight Council to guide the feasibility study by Month 2 of the project. The Recipient will hold initial roundtables with environmental justice, labor, and environmental organizations in Months 1-3. At those meetings, the Project Team will establish ongoing approaches to collaboration. The Project Team will prepare research memos outlining options for hub ownership and governance structures to deliver meaningful community benefits by Month 8. At the end of Phase 0a (Budget Period 1), the Project Team will have articulated community vision, goals, and constraints for a hub and produced an initial hub design and ownership structure that addresses these criteria.

The Community Oversight Council and community-guided design process will continue through Phase 0b (Budget Period 2). The Project Team will refine ownership and governance structures in response to adjustments to the hub design and hold roundtables to review concepts and get input on the development of the Community Benefits Plan. The Project Team will co-create the Community Benefits Plan with the Community Oversight Council and other stakeholders and have a draft plan by Month 20 and a Final Plan in Month 22.

## II. Milestone Table

Category and Commitment	Existing or Planned	Budget Period 1 Milestone	Budget Period 2 Milestone
<b>Community and Labor Engagement</b>		<ul style="list-style-type: none"> <li>- Establish Community Oversight Council</li> <li>- Hold roundtables with environmental justice, labor, and environmental organizations and other stakeholder groups</li> <li>- Engage stakeholders on research on potential models of hub ownership and governance structures to deliver community benefits</li> </ul>	-
Good neighbor/community benefits agreement	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Not at this time		Provide guidance on development of community benefits agreement
Collective bargaining agreement (operating jobs)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not at this time		
Project Labor Agreement (construction jobs)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not at this time		
Community feedback and data incorporated into the project	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> Not at this time (If "Not at this time," please provide an explanation in this cell).	<ul style="list-style-type: none"> <li>- Community Oversight Council established in Month 2</li> <li>- Kickoff meeting in Month 1-2 to launch community-guided design process</li> <li>- Roundtables and public meetings, at least monthly</li> </ul>	<ul style="list-style-type: none"> <li>- Maintain Community Oversight Council process</li> <li>- Roundtables and public meetings, at least monthly</li> <li>- Review and receive input on Community Benefits Plan</li> </ul>

Category and Commitment	Existing or Planned	Budget Period 1 Milestone	Budget Period 2 Milestone
		<ul style="list-style-type: none"> <li>- Community vision, goals, and constraints articulated by Month 3</li> <li>- Launch community-guided design process</li> </ul>	
<b>Investing in the American Workforce (IAW) (Quality Jobs)</b>	Total Number of Permanent Operations Jobs: [#] Number of Construction phase jobs: [#]	<ul style="list-style-type: none"> <li>- Launch roundtable with local labor organizations in Month 2</li> <li>- Articulate labor goals to be reflected in feasibility analysis</li> </ul>	<ul style="list-style-type: none"> <li>- Develop workforce development plan for eventual hub design</li> <li>- Review and receive input on Community Benefits Plan</li> </ul>
<b>Diversity, Equity, Inclusion, and Accessibility</b>	<input type="checkbox"/> Local and/or targeted recruitment efforts <input type="checkbox"/> MWBE contracting <input type="checkbox"/> Partner with quality pre-apprenticeship or apprenticeship readiness program <sup>1</sup>	<ul style="list-style-type: none"> <li>- Work with local labor organizations and Jobs First collaboratives to articulate workforce development goals</li> </ul>	<ul style="list-style-type: none"> <li>- Integrate workforce goals and objectives into Community Benefits Plan</li> <li>- Review and receive input on Community Benefits Plan</li> </ul>
<b>Other DEIA</b>			
<b>Justice40 Initiative</b>		<ul style="list-style-type: none"> <li>- Work with local leaders and experts to articulate current environmental justice, health, resources, workforce, and social challenges in the region</li> <li>- Develop community vision and goals for a DAC hub</li> </ul>	<ul style="list-style-type: none"> <li>- Develop Community Benefits Plan that addresses local concerns, vision, and goals.</li> </ul>
Identifies benefits/impacts to disadvantaged communities	<input checked="" type="checkbox"/> Yes (If yes, list communities here) <input type="checkbox"/> No	<ul style="list-style-type: none"> <li>- Disadvantaged and low-income communities</li> <li>- Labor</li> <li>- Environmentally-burdened communities</li> </ul>	<ul style="list-style-type: none"> <li>- Disadvantaged and low-income communities</li> <li>- Labor</li> <li>- Environmentally-burdened communities</li> </ul>
Reduction in energy costs	<input type="checkbox"/> Yes		

<sup>1</sup> [Explore Pre-Apprenticeship | Apprenticeship.gov](https://www.apprenticeship.gov/employers/explore-pre-apprenticeship)  
<https://www.apprenticeship.gov/employers/explore-pre-apprenticeship>

Category and Commitment	Existing or Planned	Budget Period 1 Milestone	Budget Period 2 Milestone
	<input checked="" type="checkbox"/> No		
A decrease in environmental exposure and burdens	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	- Conduct environmental and energy analysis of hub design	- Conduct environmental and energy analysis of hub design
An increase in access to low-cost capital	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
An increase in quality job creation, the clean energy job pipeline, and job training for individuals	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	- Work with labor and technology providers to identify job pipelines - Engage with JobsFirst collaboratives in the region	- Develop workforce development plan
Increases in clean energy enterprise creation and contracting (e.g., minority-owned or diverse business enterprises)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Increases in energy democracy, including community ownership of project assets	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	- Conducting research on community ownership and governance models	- Identify ownership and governance structures to support implementation of CBP
Increased parity in clean energy technology access and adoption	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	- Identify community energy goals to inform feasibility assessment	- Final hub design that meets community energy goals
An increase in energy resilience	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	- Identify community energy goals to inform feasibility assessment	- Final hub design that meets community energy goals, including goals for renewable energy and pollution reduction.
Other Justice40		- Identify potential community and environmental impacts from DAC - Conduct research on hub ownership models and community	- Develop governance and ownership models that deliver meaningful community benefits - Identify monitoring and oversight

Category and Commitment	Existing or Planned	Budget Period 1 Milestone	Budget Period 2 Milestone
		governance structures to deliver meaningful community benefits, including potential for profit/revenue sharing.	structures to ensure DAC hub performance and community transparency
Justice40 Assessment and Implementation Strategy		<ul style="list-style-type: none"> <li>- Community engagement to evaluate hub location and design options, ownership structures, and governance</li> </ul>	<ul style="list-style-type: none"> <li>- Community engagement to evaluate hub location and design options, ownership structure, and governance</li> <li>- Implementation Strategy: Hub ownership structure, accountability mechanisms, and transparency</li> </ul>