

# Advancing Equitable Deployment of Regional DAC Hubs

**One-Pager**

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## One-Pager: Advancing Equitable Deployment of Regional DAC Hubs

In November 2021, President Biden signed the Infrastructure Investment and Jobs Act (IIJA), which set aside **\$3.5 billion** to create four direct air capture (DAC) hubs: technologies that take carbon pollution out of the atmosphere and store it permanently. Following the passage of the legislation, Data for Progress conducted workshops in four geographically diverse communities — **East Houston, Texas; Beaver County, Pennsylvania; Bakersfield, California; and Rock Springs, Wyoming** — to understand communities' attitudes toward carbon removal and appetites for a prospective DAC hub, in addition to fielding a national conjoint analysis to understand what an ideal DAC hub project looks like to adults in the U.S. Read the full memo [here](#).

Under conditions set by community members, we find that:

- In East Houston, **71% of workshop participants** think their community would be supportive of hosting a DAC hub, with **14% unsure and 14% believing their community would be opposed**.
  - Participants agree that should a DAC hub be sited in their community, they would want a project to include **strong community participation** — with the help of civil society organizations — and **clear, enforceable benefits** like affordable housing.
- In Beaver County, less than half of participants (**47%**) **think their community would strongly support a DAC hub**, while almost one-third (32%) expect opposition.
  - Many participants are **wary of any new industry** coming into the area. After being burned in the past, residents acknowledge that a potential DAC hub would have to support **long-term job guarantees** and provide high transparency about potential risks.
- In Bakersfield, participants exhibit the highest assessments of community support for a DAC hub, with **75% believing that their community would support a project**.
  - A successful hub would need to include measures that **ensure community transparency**, guarantee local jobs, make use of renewable energy as a power source, and minimize the water intensity of a project.
- In Rock Springs, **50% of workshop participants believe that their community would somewhat support a DAC hub**, but only 6% think it would strongly support one.
  - Respondents are more likely to support DAC development if a project prioritizes job creation and includes **physical and social infrastructure upgrades** for the community.
- In a national conjoint analysis, **68%** of respondents strongly or somewhat support building DAC facilities in the U.S., including **77% of Democrats, 65% of Independents, and 60% of Republicans**.