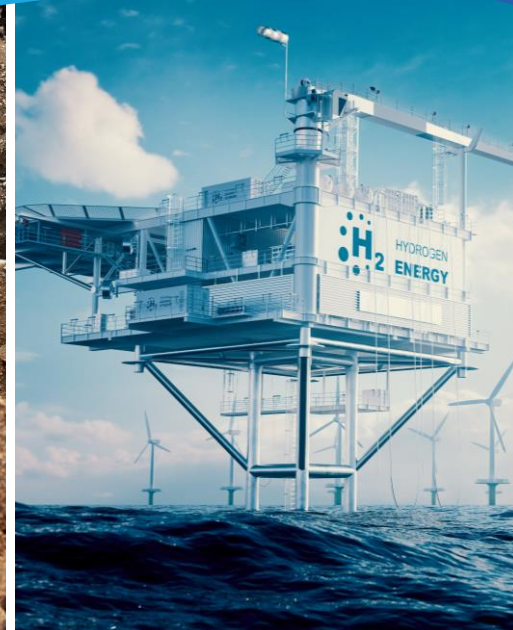




OCED

Office of Clean Energy Demonstrations



Energy Improvements in Rural or Remote Areas Workshop: Day 2

Courtney Haynes

Stakeholder Engagement Specialist, Energy Improvements in Rural or Remote Areas (ERA)

Office of Clean Energy Demonstrations (OCED)

November 2, 2022

Housekeeping

This meeting is being recorded

- Discussion is not for attribution or publication
- Recording and slides to be posted on energy.gov/OCED

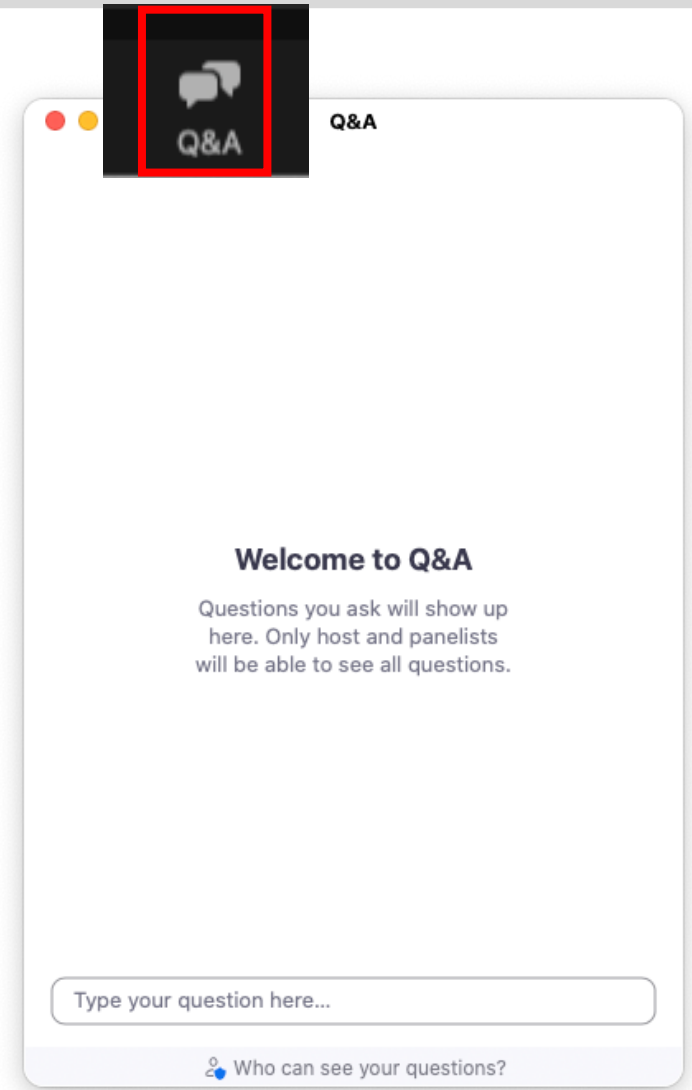
Your microphone and camera are disabled for the webinar

Have a question?

- Please submit questions using the “Q&A” panel
- We will answer as many questions as possible during the webinar

Zoom controls are located at the bottom of your screen

- If they aren't appearing, move your cursor to the bottom edge



Real-Time Poll via Poll Everywhere

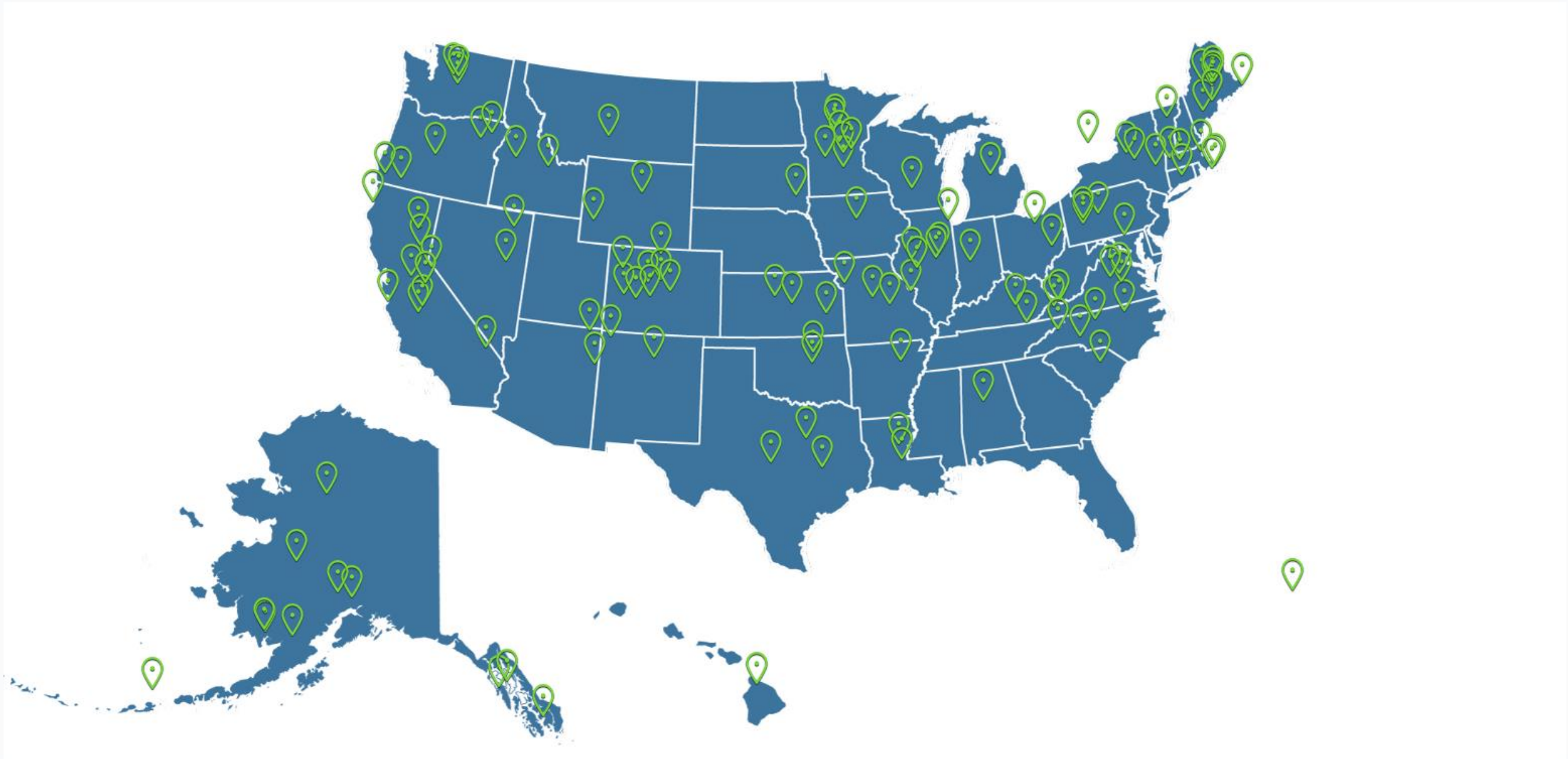


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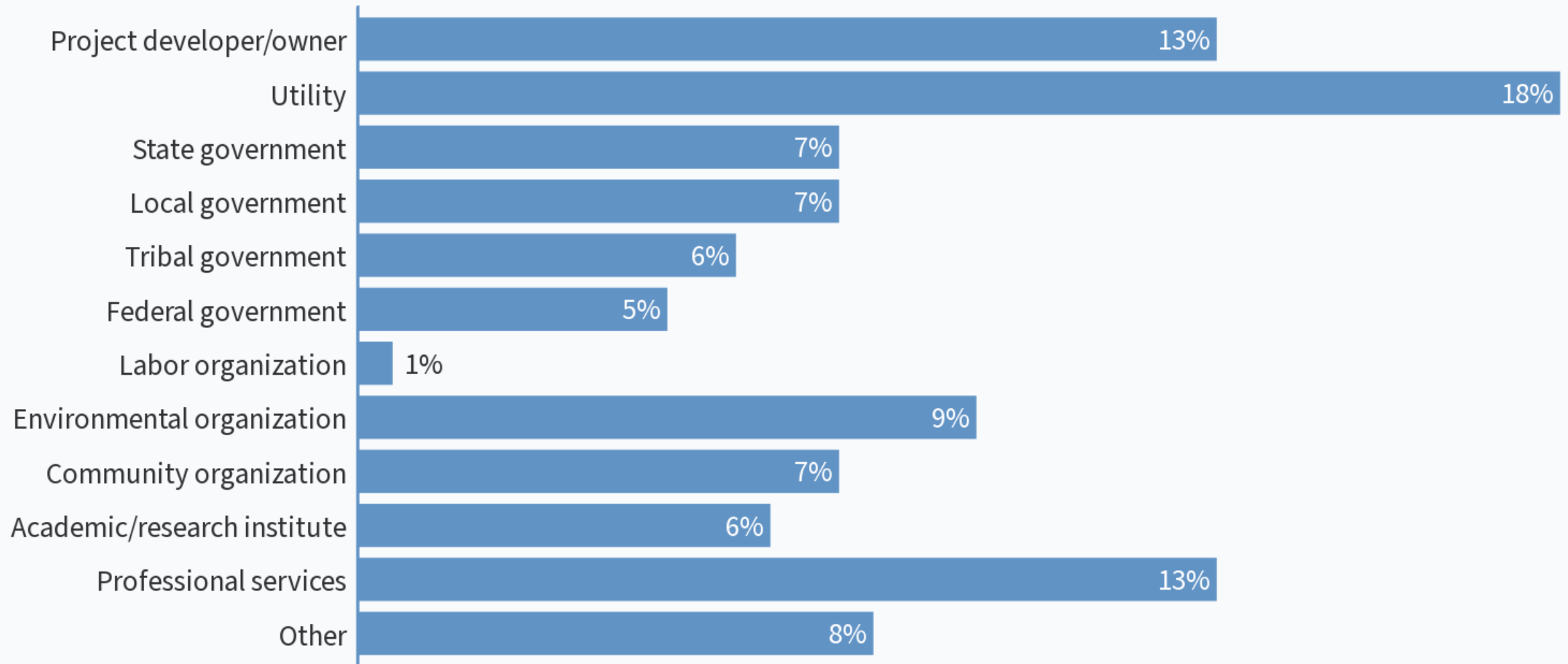
What community are you representing? Click your location on the map.



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What type of organization do you represent? Select all that apply.

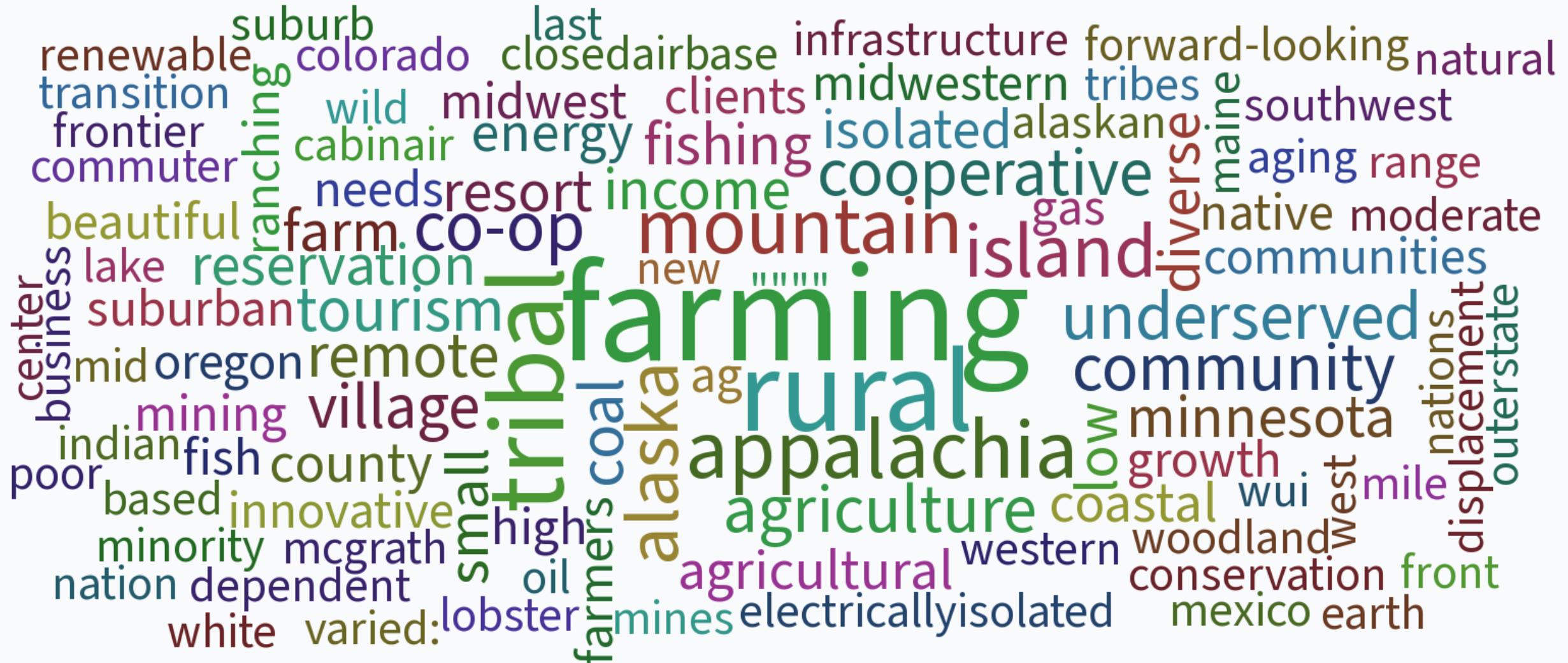


Total Results: 193

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What type of rural or remote community do you live and/or work in? Please strive for less than 5 words in your response.



Total Results: 188

Agenda

- 1 **Welcome and Introduction**
- 2 **Clean Energy Panel**
- 3 *Break – 15 minutes*
- 4 **Breaking Through the Gaps Part 1: Discussion & Polling**
- 5 *Break – 30 minutes*
- 6 **Community and Economic Development Perspectives Panel**
- 7 *Break – 15 minutes*
- 8 **Breaking Through the Gaps Part 2: Discussion & Polling**
- 9 **Wrap Up and Closing Remarks**



Request for Information

- Purpose: Solicit feedback on energy needs, project ideas, community benefits
- Information gathered in this RFI will inform program development
- Stakeholder Feedback:
 - Community: residents of rural or remote areas, environmental justice and energy justice organizations, community-based organizations, tribal organizations
 - Industry: clean energy industry and its investors
 - Government: federal and state regulatory agencies, state and local governments, American Indian Tribes and Alaska Native Villages
 - Workforce/Economic Impact: labor unions, workforce training organizations, economic development organizations
 - Other: Conservation and environmental groups, academic and other research institutions

- **Open Date:** 10/11/22
- **Due Date:** 11/28/22

Option to Call in RFI responses



Download the Request for Information (RFI):

<https://bit.ly/ERARFI>

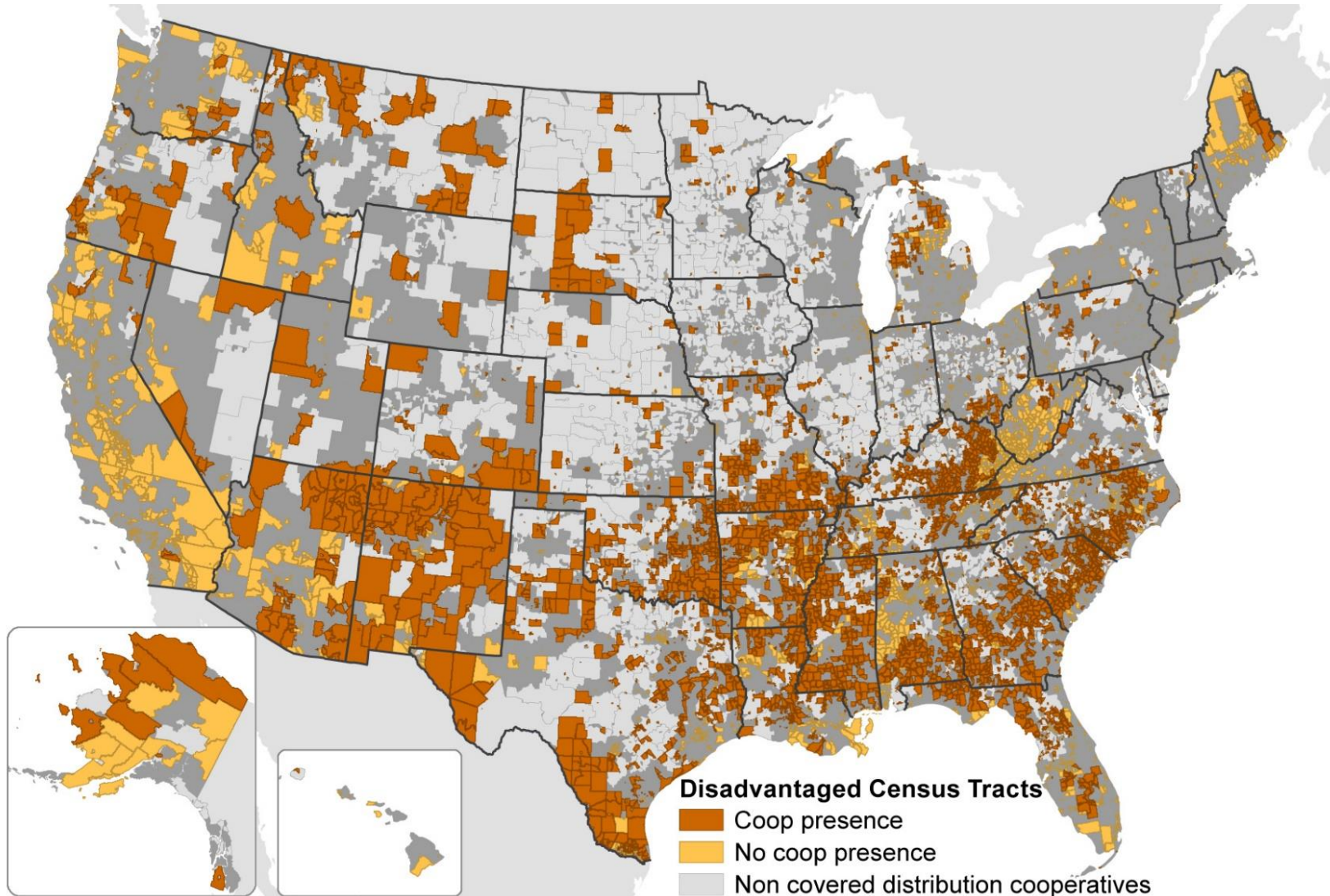


Clean Energy Panel

- **Moderated by Jed Jorgensen**, Pacific Northwest National Laboratory
- **Mark Walter**, VP Regulatory Affairs, Savion Energy
- **Angela Strickland**, SVP, NRECA
- **Kevin Schulte**, CEO, Greenspark



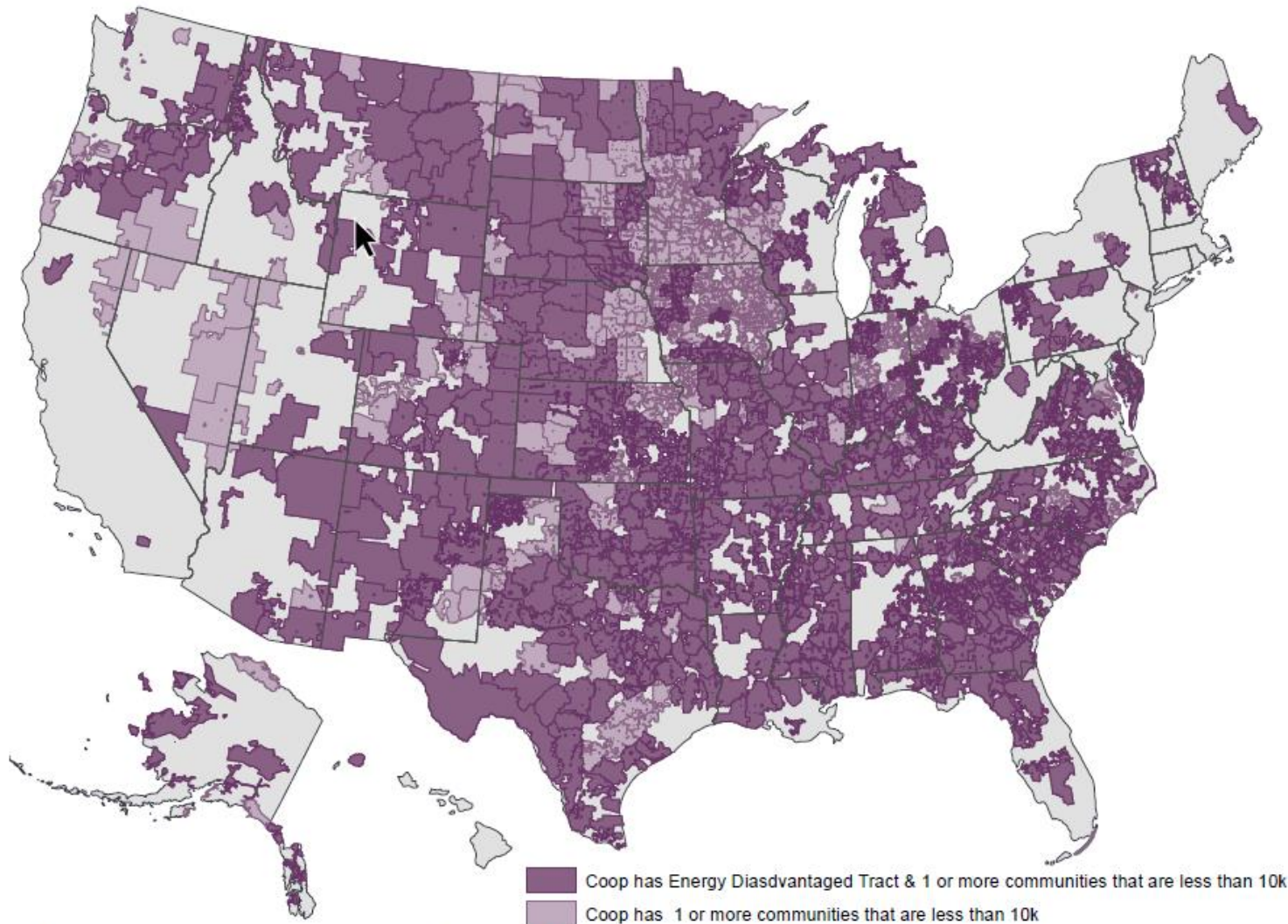
Justice 40 Map of Disadvantaged Tracts



Notes

- This map used Justice 40 criteria to locate Disadvantaged Census Tracts in co-op territories
- These were considered disadvantaged for Clean Energy and Energy Efficiency

Overlay with Co-op Territories and BIL “Rural or Remote Areas”



Notes

- All NRECA members serve at least one community that meet the population threshold of the ERA RFI (“a city, town, or unincorporated area that has a population of not more than 10,000 inhabitants”)
- 586 of our members serve one or more of these communities located census tracts considered disadvantaged

15-Minute Break

Workshop will resume at 11:30 a.m. MT

We recommend staying in the webinar for the break as you are already on mute and off camera.

Breaking Through the Gaps Part 1: Discussion & Polling

- **Sean Esterly**, National Renewable Energy Laboratory
- **Peter Cappers**, Lawrence Berkeley National Laboratory



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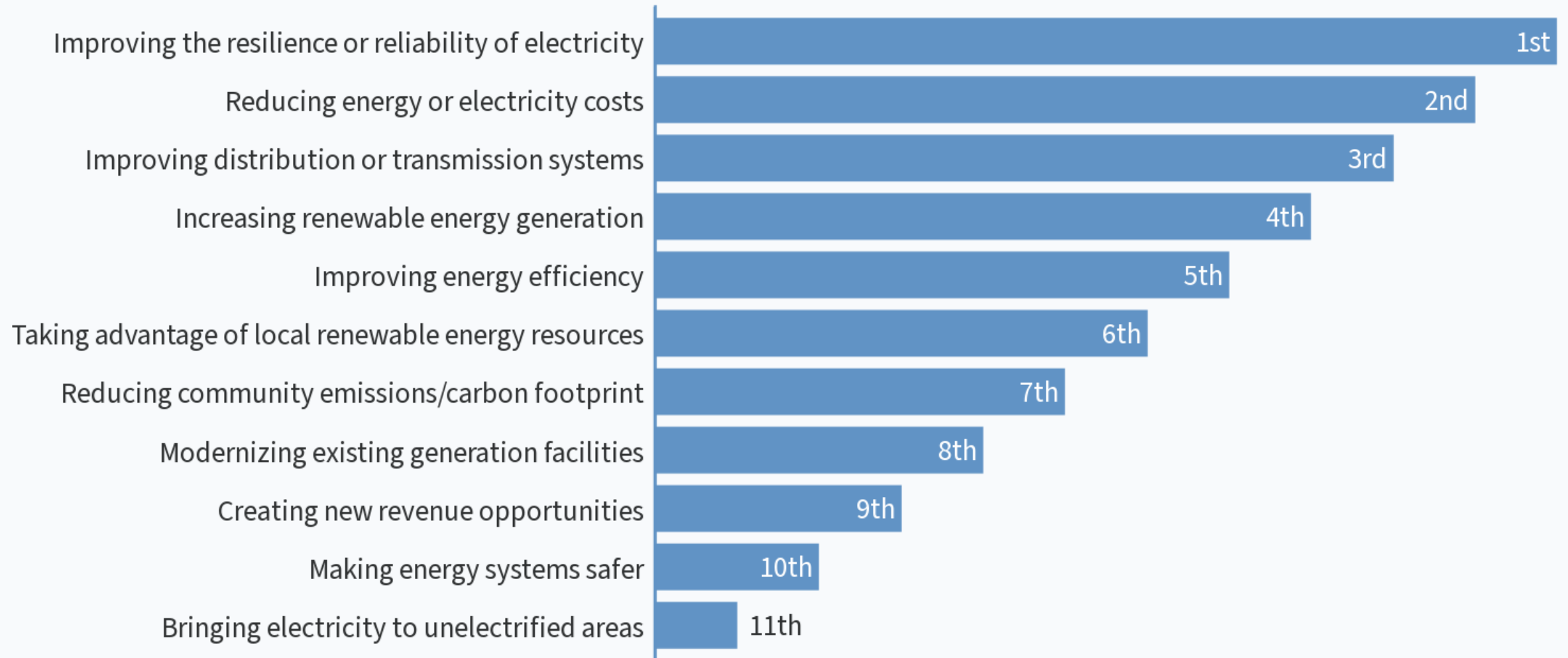
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What energy challenges do rural or remote areas have? Please strive for less than 5 words in your response.



Total Results: 226

We want to better understand the energy improvement needs or opportunities that workshop participants are most interested in addressing. Please rank your choices from most interested at the top to least interested at the bottom using the arrows.



Potential Energy Improvement Needs or Opportunities

- Increasing renewable energy generation
- Improving distribution or transmission systems
- Improving energy efficiency
- Modernizing existing generation facilities
- Reducing energy or electricity costs
- Improving the resilience or reliability of electricity
- Bringing electricity to unelectrified areas
- Taking advantage of local renewable energy resources
- Creating new revenue opportunities
- Reducing community emissions/carbon footprint
- Making energy systems safer



What are other energy improvement needs or opportunities that are of interest and not listed?



What are other energy improvement needs or opportunities that are of interest and not listed? Please strive for less than 5 words in your response.

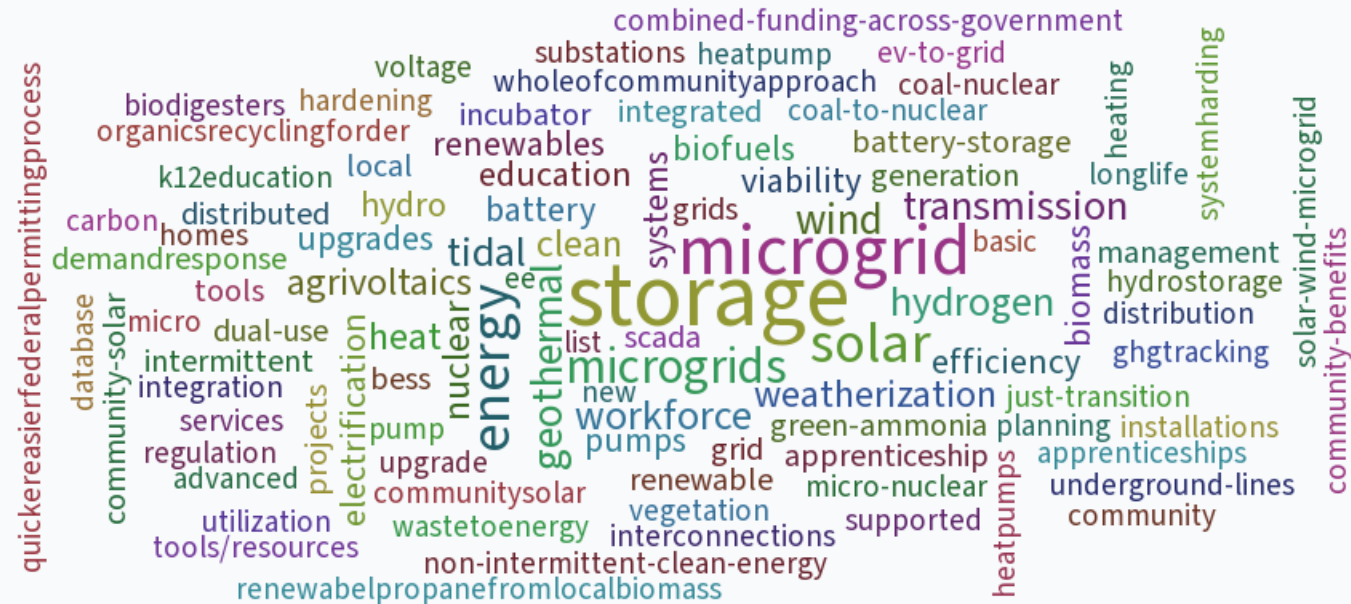


Total Results: 228

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Considering your responses to the last two questions on energy improvement needs or opportunities, what types of energy projects would be most impactful to meet these needs? Please strive for less than 5 words in your response.

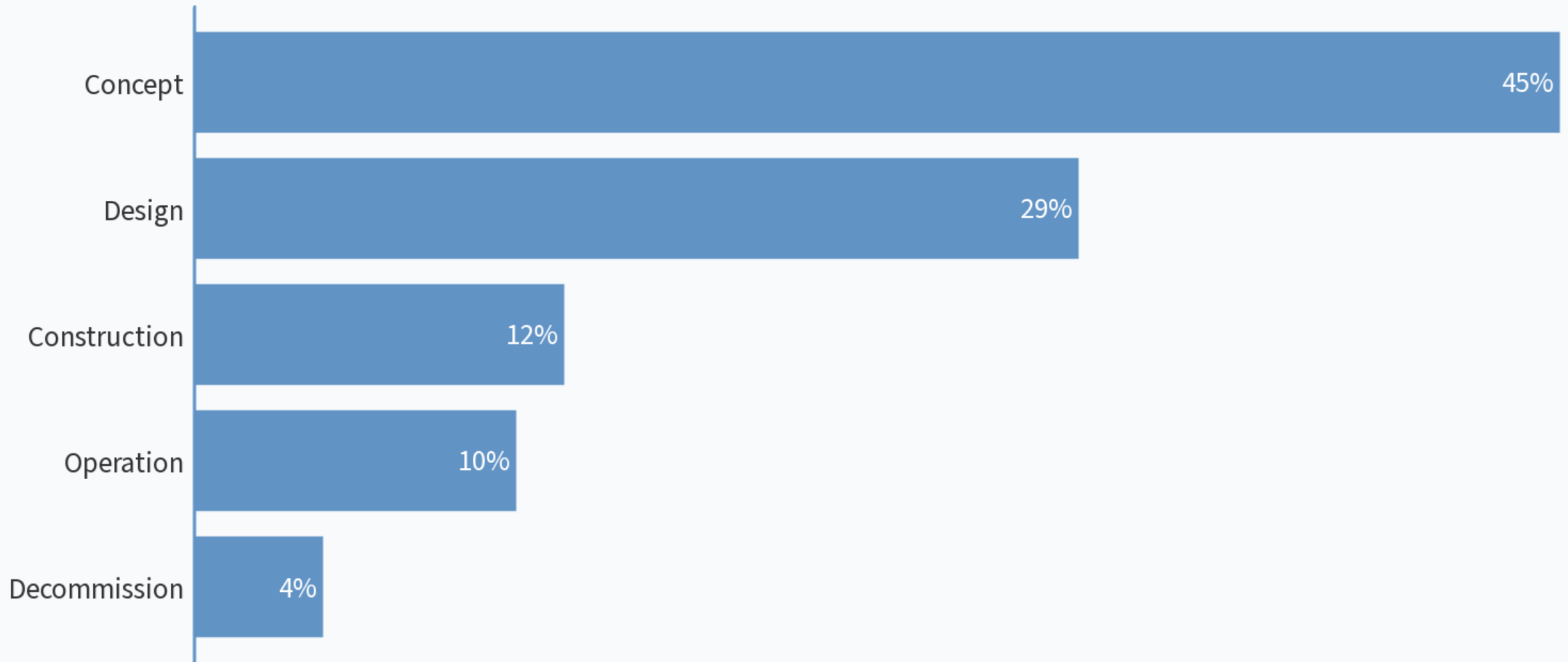


Total Results: 215

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What stage is your energy project or projects in? Select all that best apply.

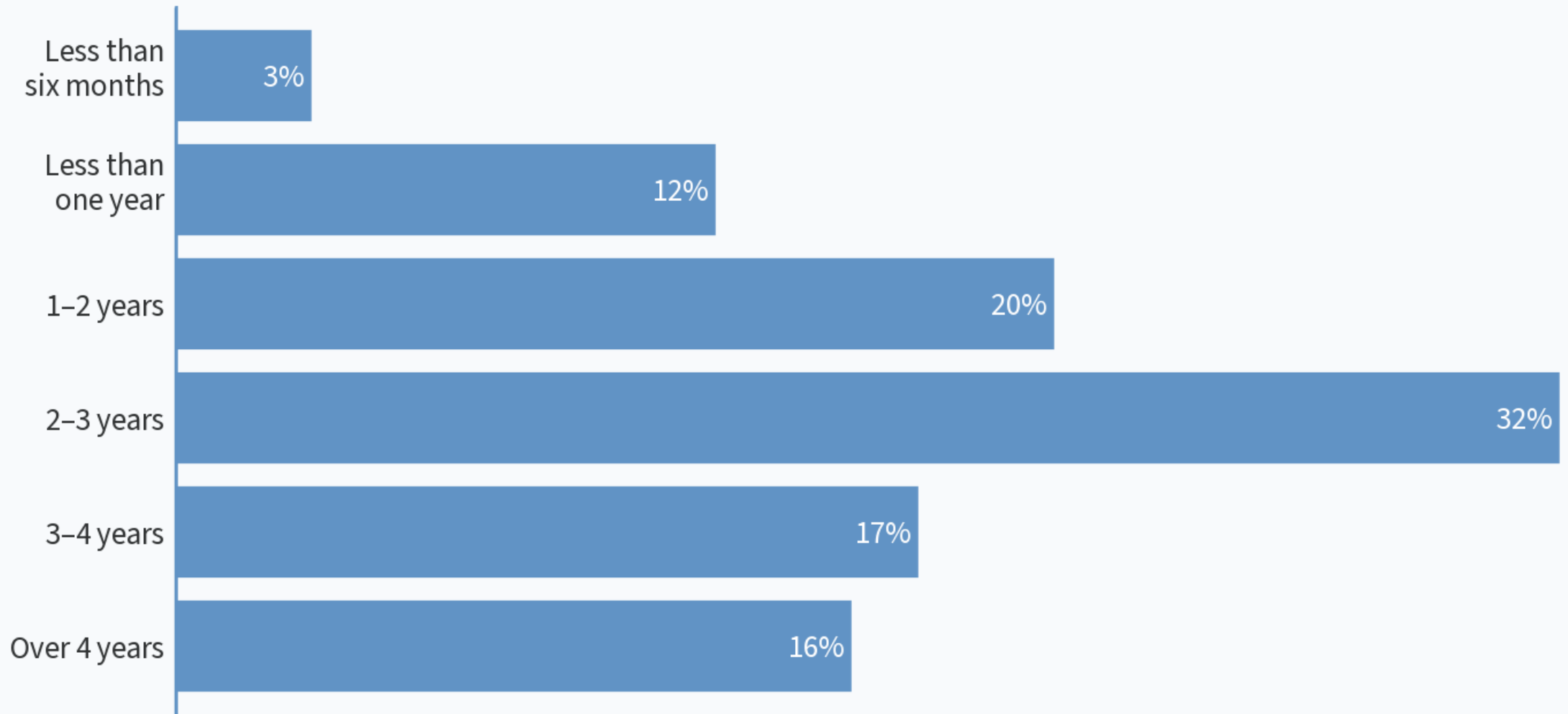


Total Results: 191

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How long did it take, or could it take, for your energy project(s) to go from concept to operation?

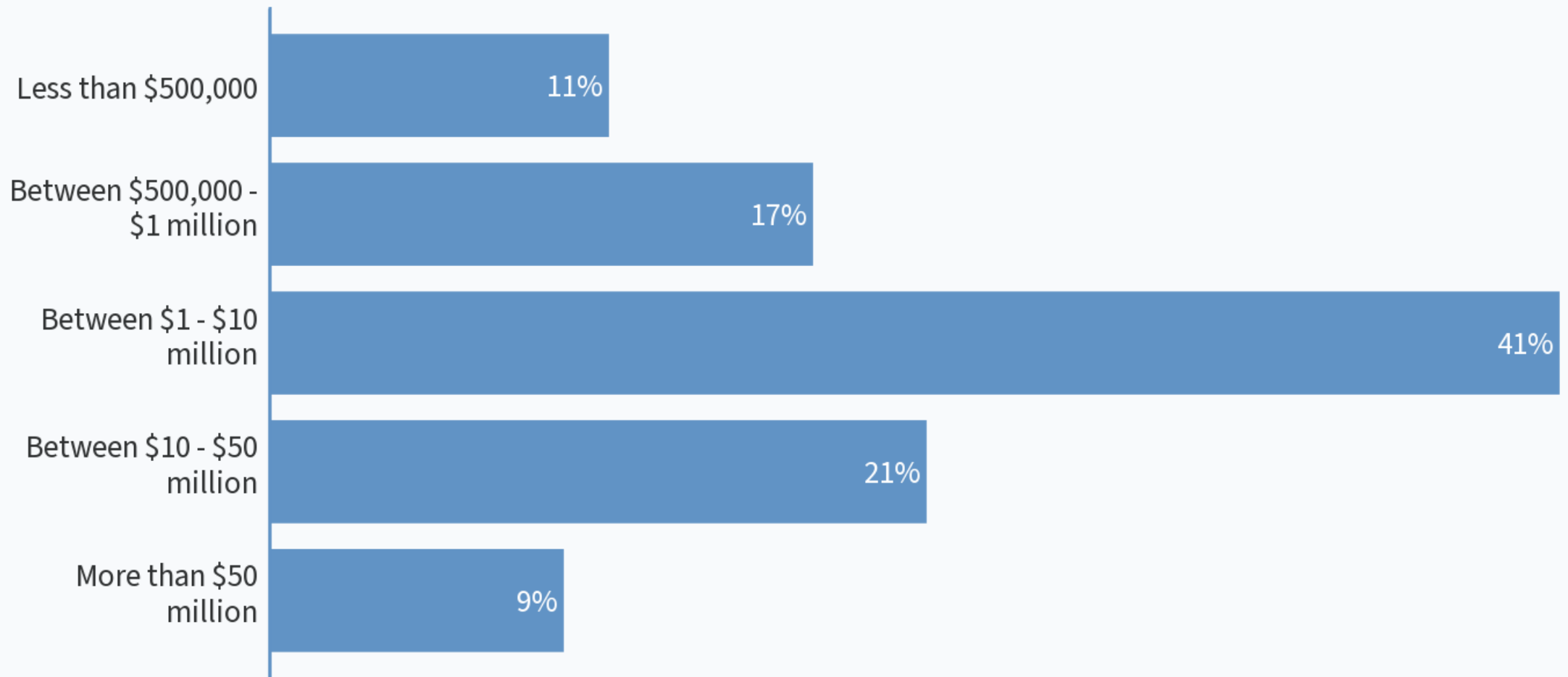


Total Results: 129

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Recognizing that project costs may be rough or unknown, please estimate the total cost of the project(s) you would want this program to support:

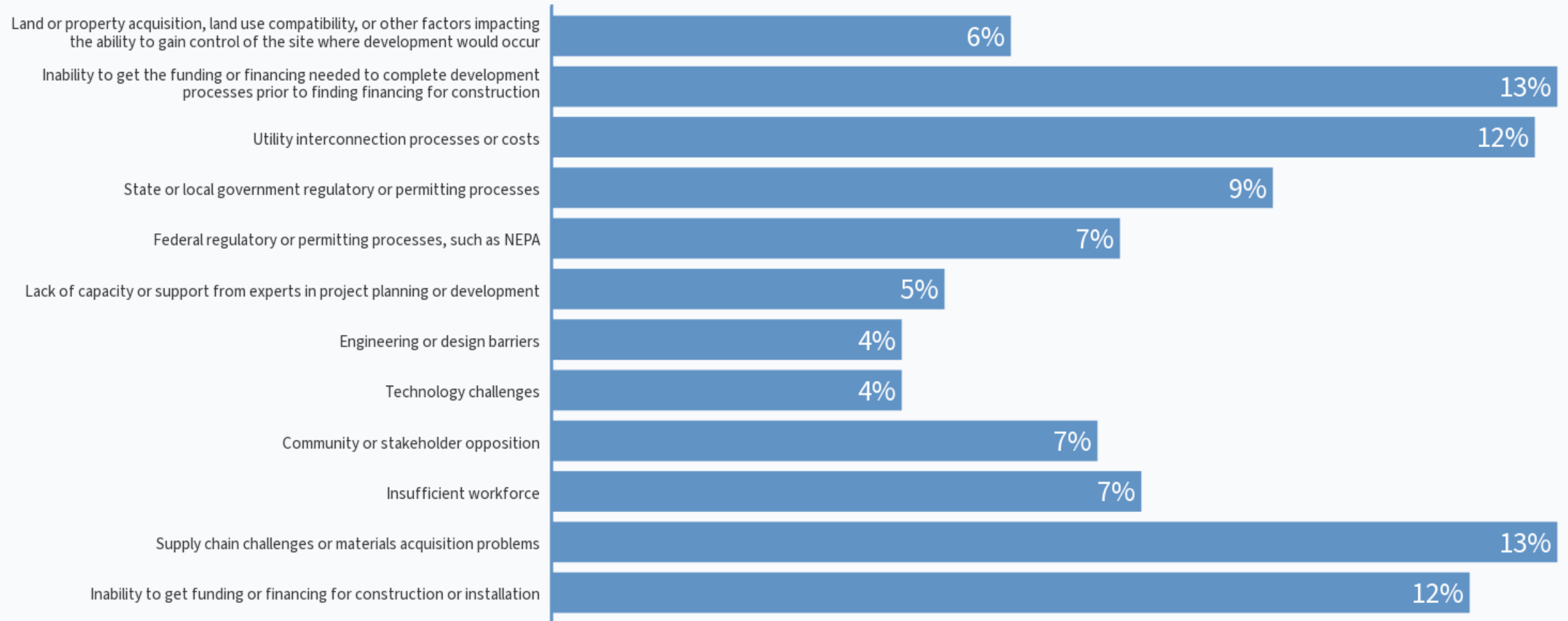


Total Results: 138

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Thinking about past project development activities, please select the categories or types of project development barriers you have encountered (select all that apply):



Total Results: 361

Potential Project Development Barriers

- Land or property acquisition, land use compatibility, or other factors impacting the ability to gain control of the site where development would occur
- Inability to get the funding or financing needed to complete development processes prior to finding financing for construction
- Utility interconnection processes or costs
- State or local government regulatory or permitting processes
- Federal regulatory or permitting processes, such as NEPA
- Lack of capacity or support from experts in project planning or development
- Engineering or design barriers
- Technology challenges
- Community or stakeholder opposition
- Insufficient workforce
- Supply chain challenges or materials acquisition problems
- Inability to get funding or financing for construction or installation

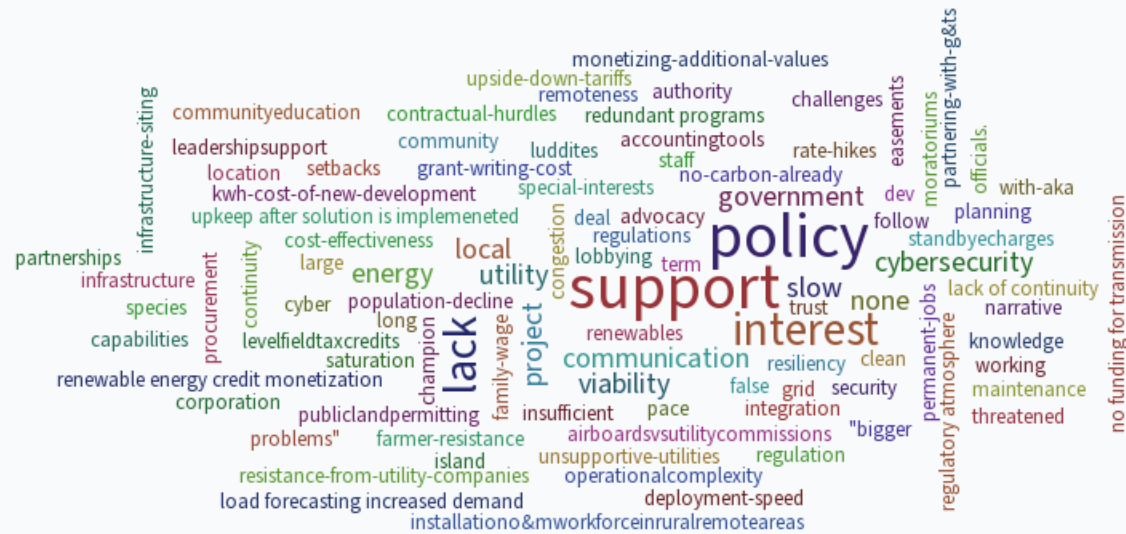


What other development barriers have you encountered that were not listed?

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What other development barriers have you encountered that were not listed? Please strive for less than 5 words in your response.

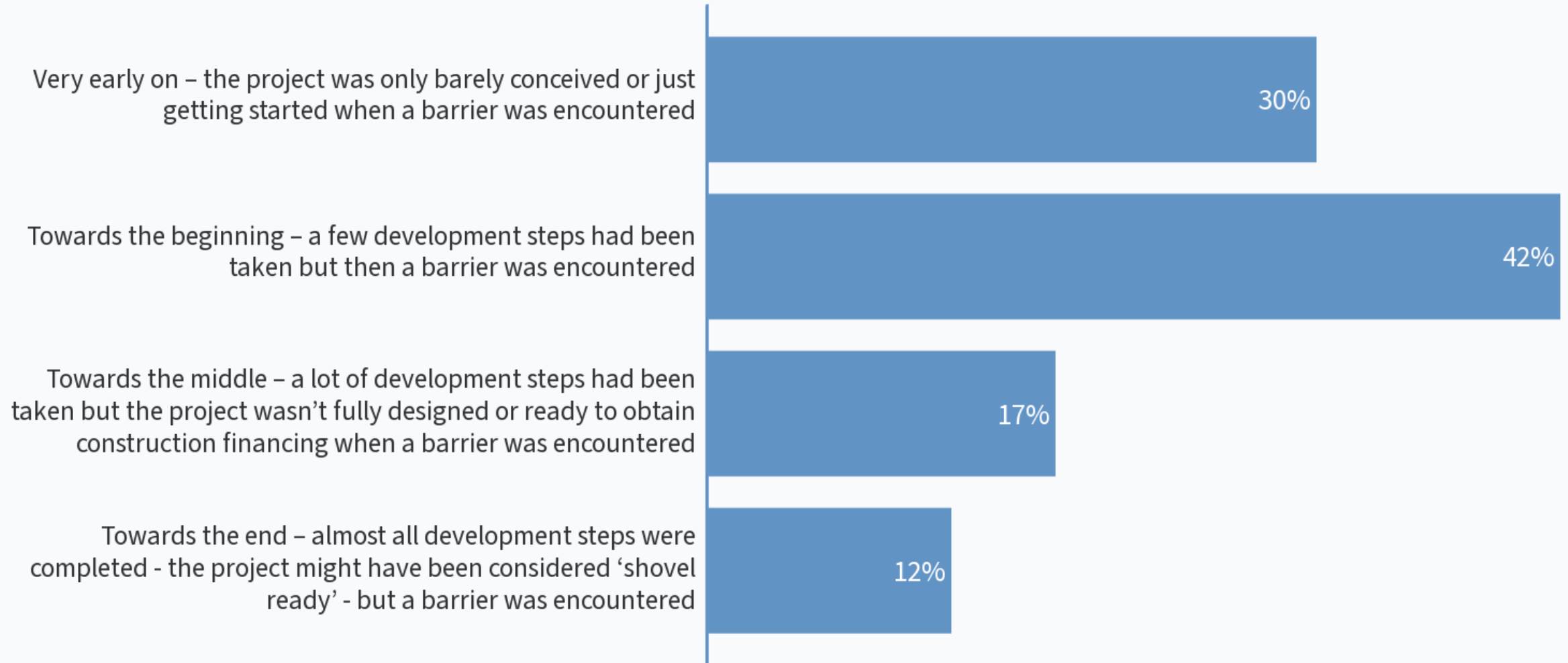


Total Results: 120

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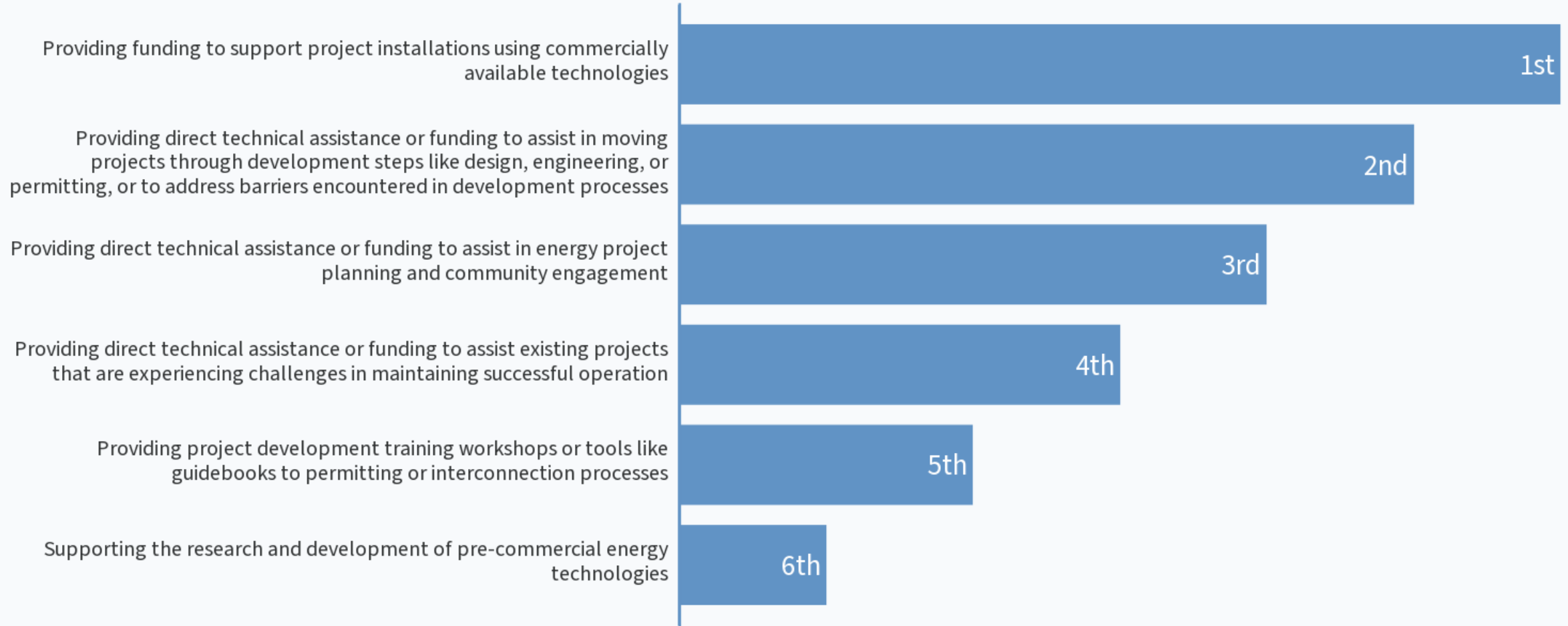
📱 Text **NRELWEBINARS303** to **22333** once to join

When in the process have you encountered barriers? Select all that apply:



Total Results: 118

Thinking about the ways the program could support energy improvements in your community, please rank the following choices in order from most important at the top to least important at the bottom using the arrows:



30-Minute Break

Workshop will resume at 12:45 p.m. MT

We recommend staying in the webinar for the break as you are already on mute and off camera.

Community and Economic Development Perspectives Panel

- **Moderated by Dawn Davis**, Idaho National Laboratory
- **William Barber III**, CEO, Rural Beacon Initiative
- **Michael Sappington**, Senior Counsel, Today's Power, Inc.



15-Minute Break

Workshop will resume at 2:00 p.m. MT

We recommend staying in the webinar for the break as you are already on mute and off camera.

Breaking Through the Gaps Part 2: Discussion & Polling

- **Jed Jorgensen**, Pacific Northwest National Laboratory
- **Peter Cappers**, Lawrence Berkeley National Laboratory



Real-Time Poll via Poll Everywhere



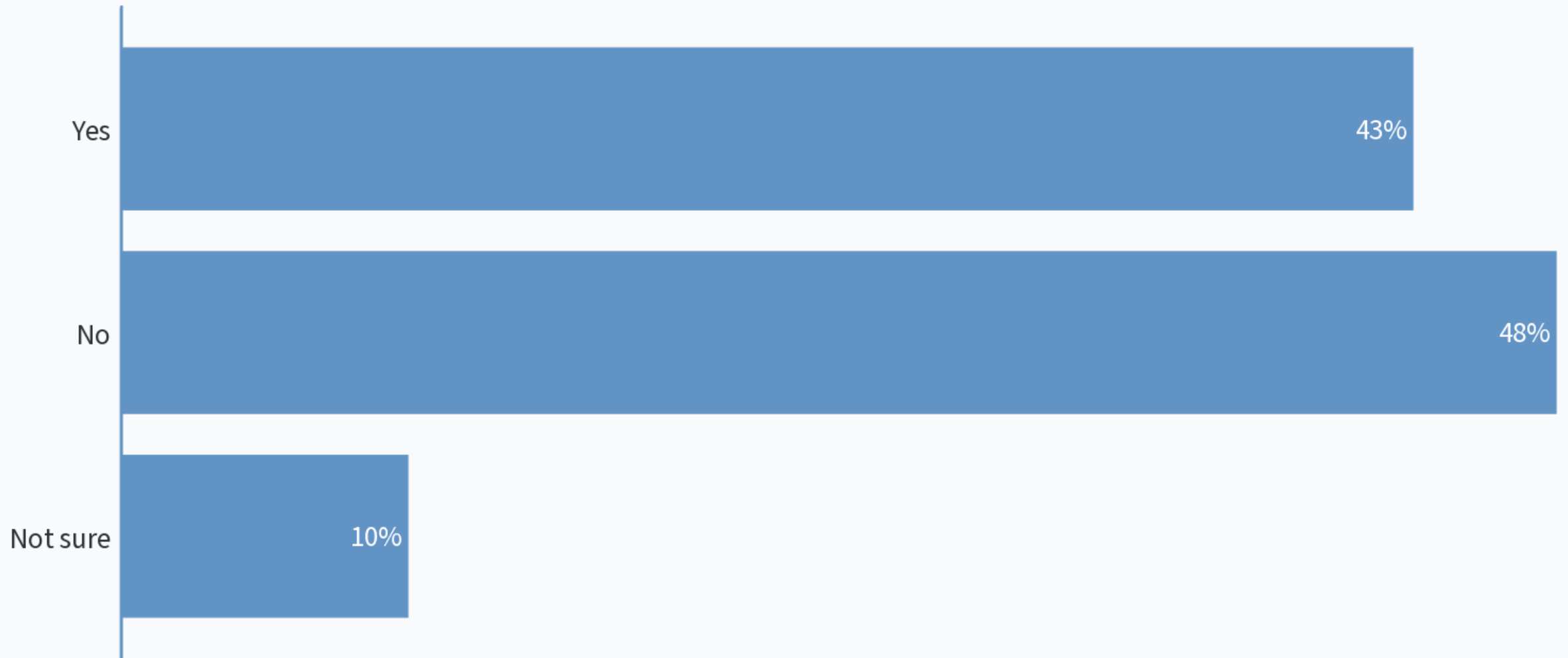
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Have you or the organization you represent successfully applied for and managed funding from DOE in the past?

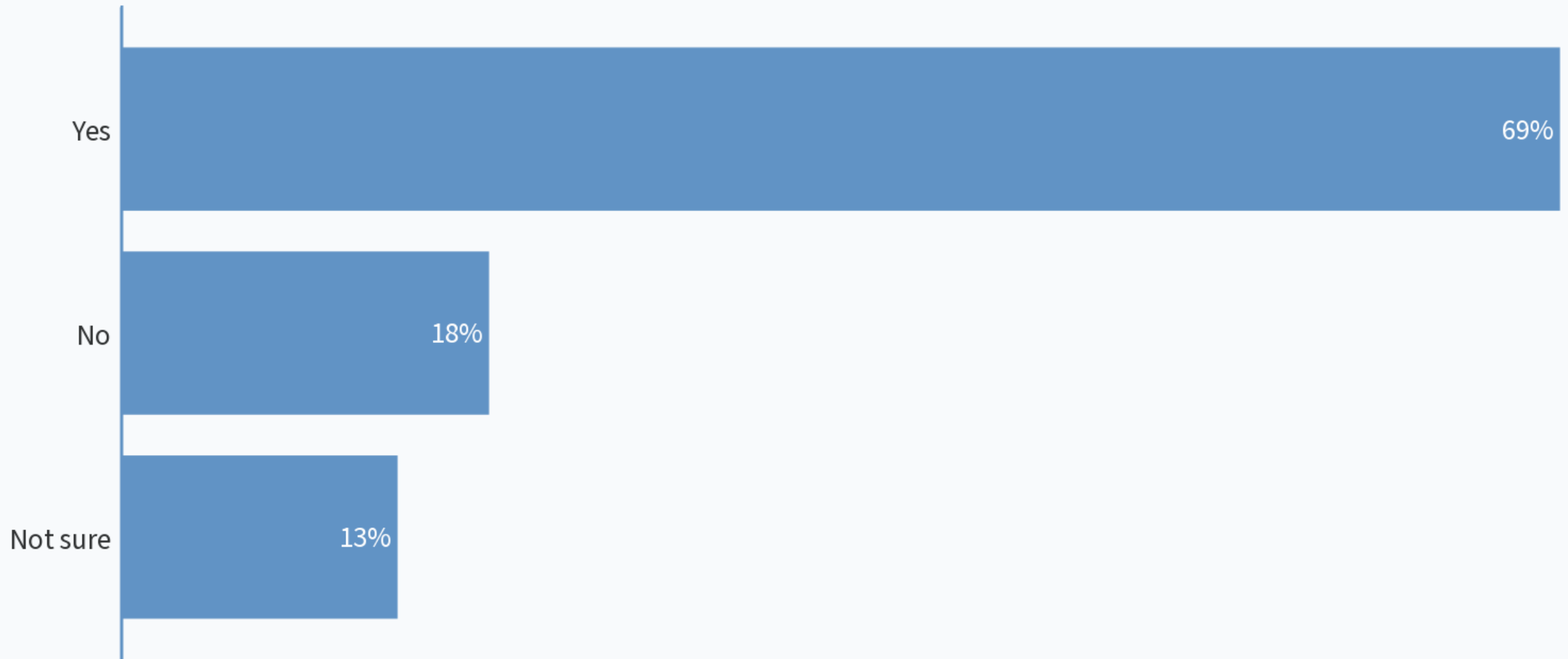


Total Results: 63

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Do you believe you or your organization have the capacity and resources needed to apply for funding from DOE?

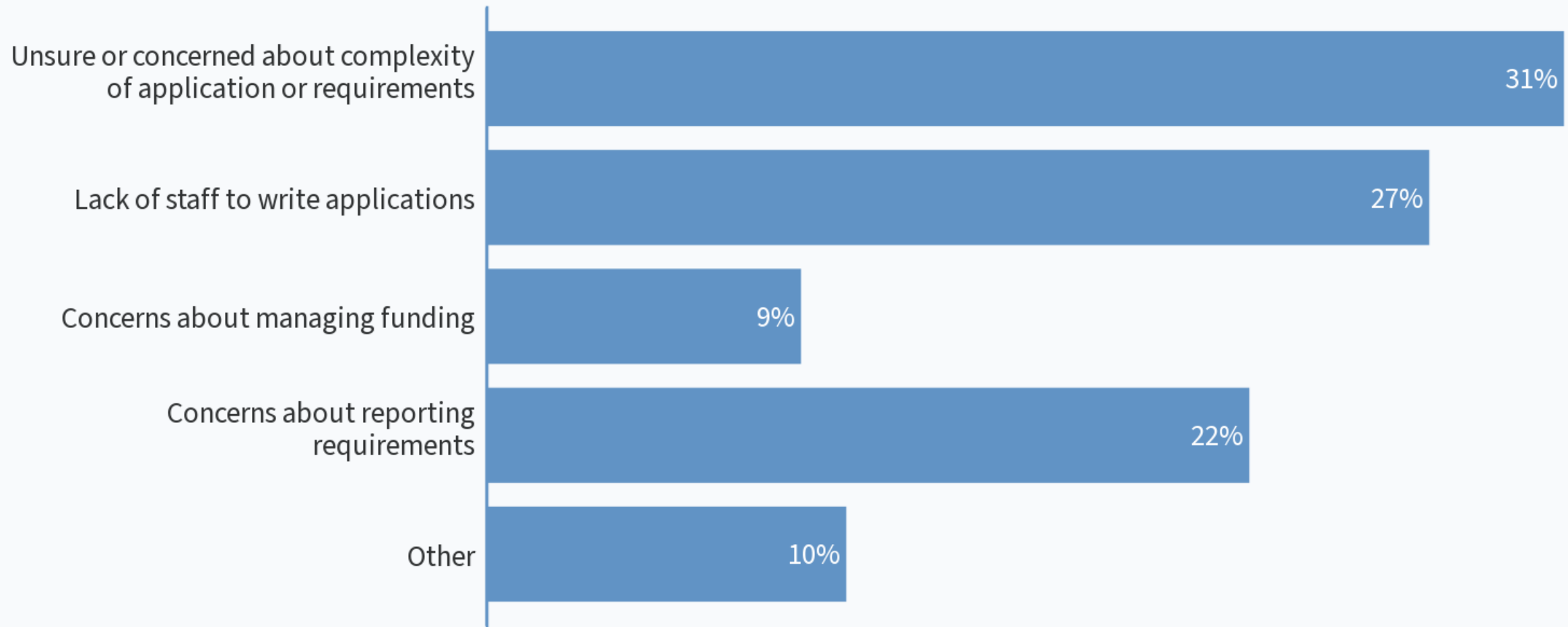


Total Results: 68

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If you answered "No" or "Not sure" in the previous question, please tell us why. Select all that apply.

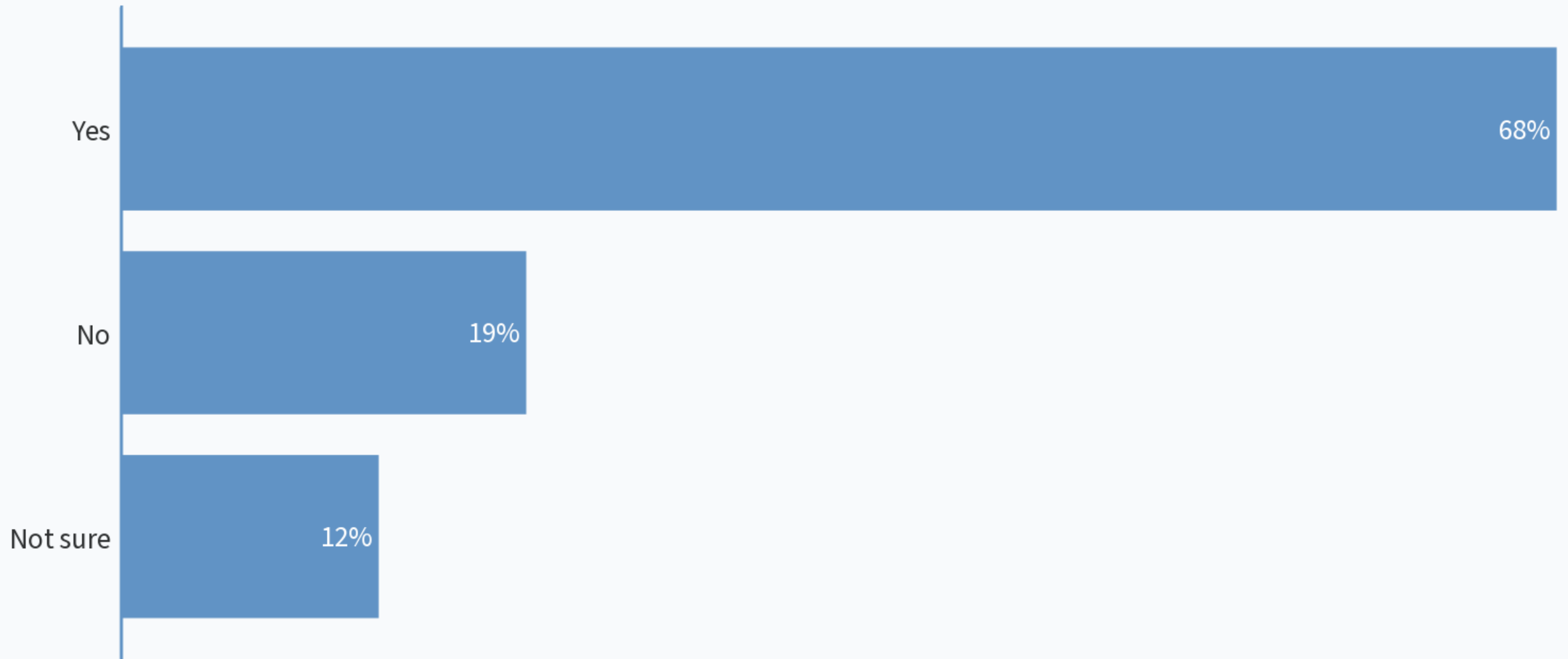


Total Results: 77

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Do you believe you or your organization have the capacity and resources needed to manage and report on funding from DOE?

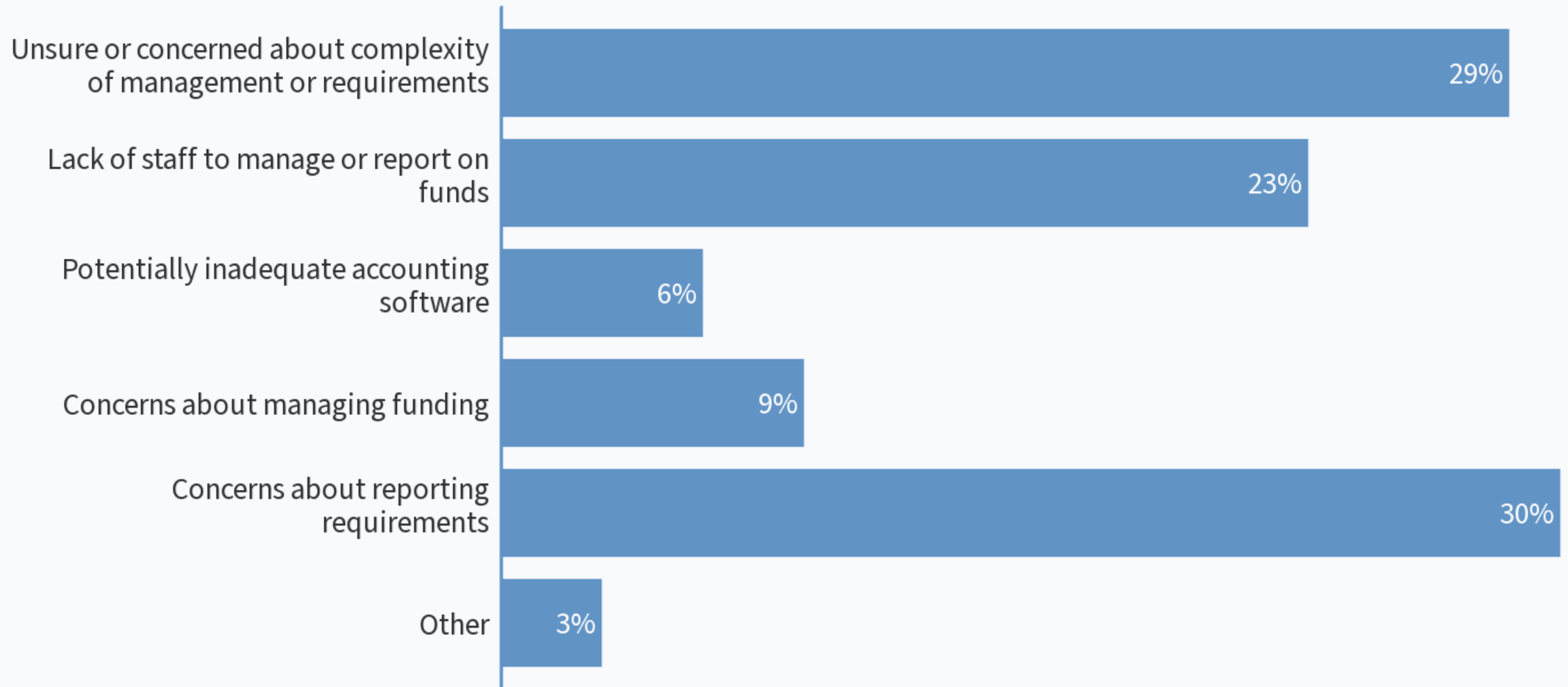


Total Results: 57

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If you answered "No" or "Not sure" in the previous question, please tell us why. Select all that apply.

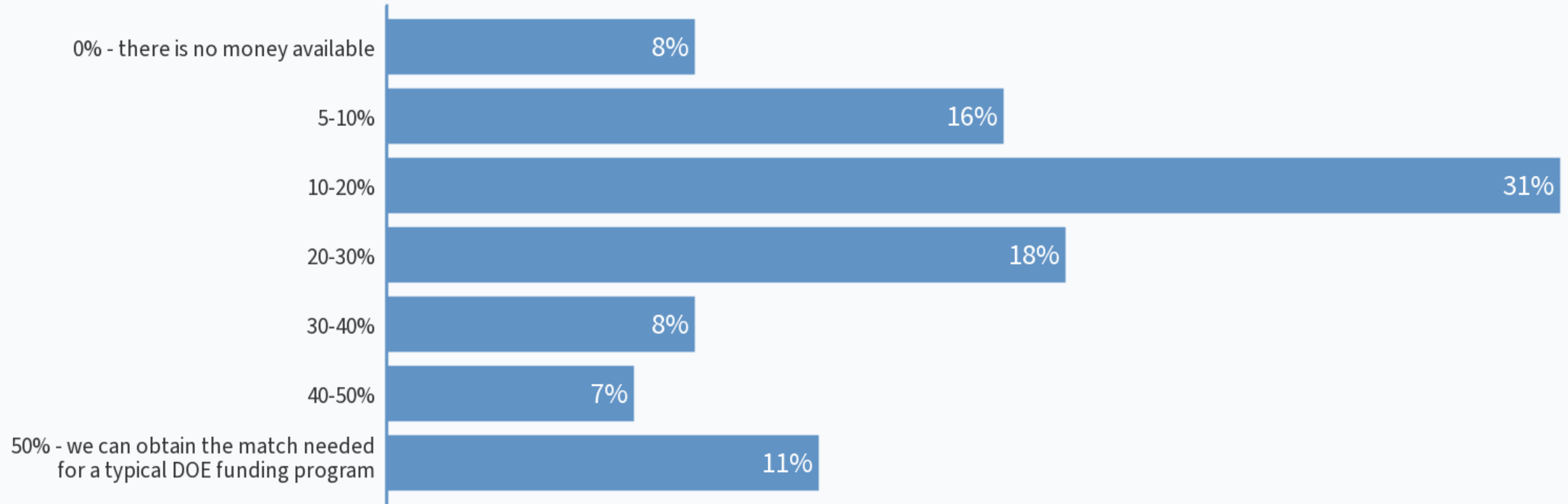


Total Results: 69

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Thinking about the kinds of projects you are interested in seeing this program support, what percentage of state or local funding do you think you could secure as match?

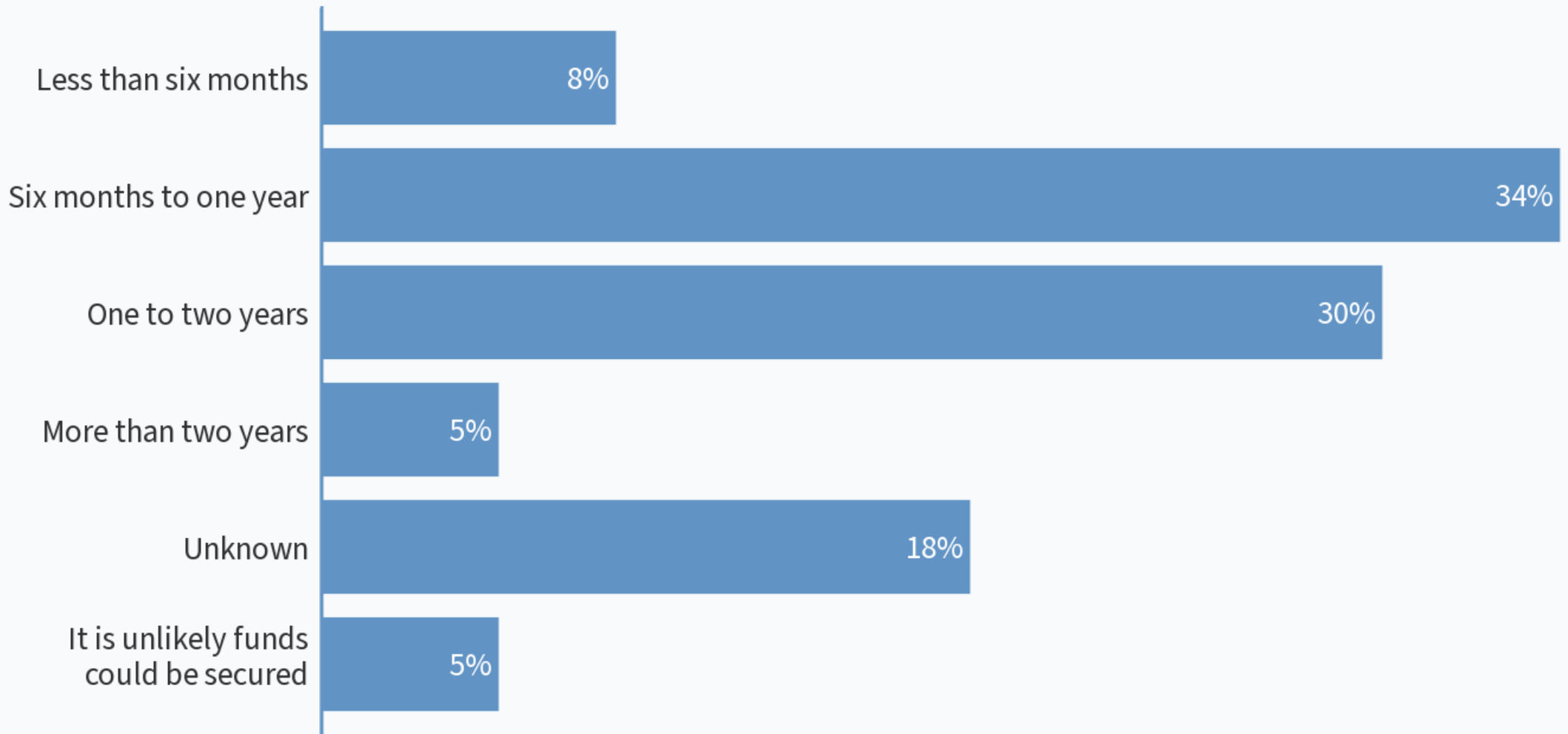


Total Results: 61

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If state or local funds had to be secured to provide cost-match, how long do you think it would take you to secure those funds?

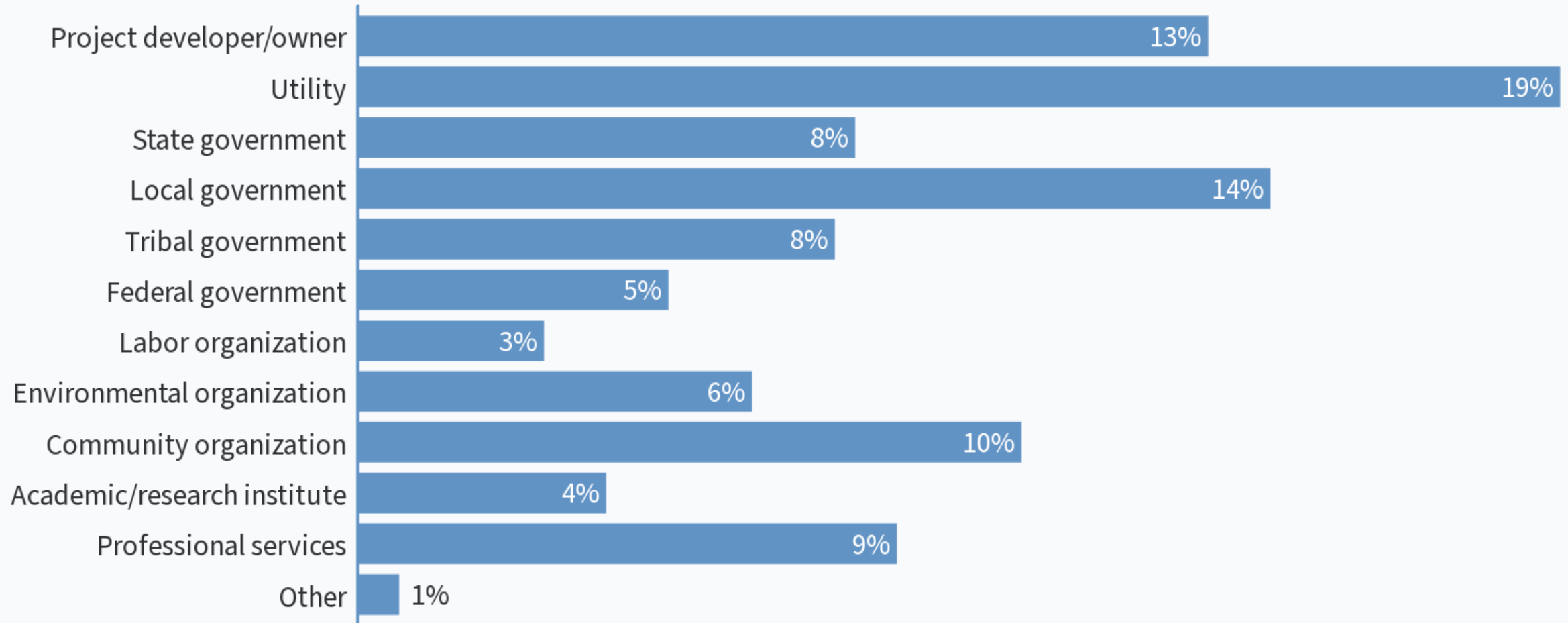


Total Results: 61

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For an energy improvement project to be successful in a rural or remote community, what entities would need to be involved?
Select all that apply.

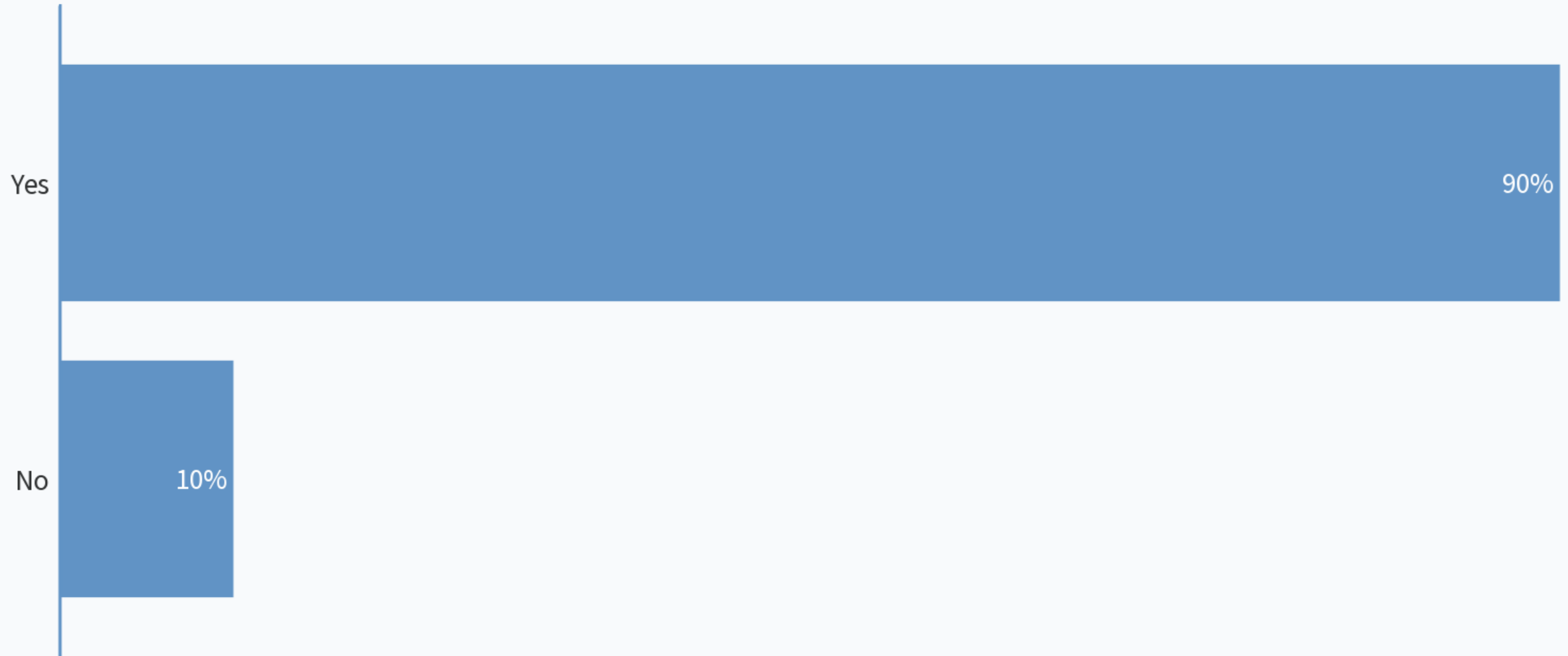


Total Results: 305

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Do you currently work with any of these entities to initiate and/or advance energy projects?



Total Results: 58

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What do you need to establish these relationships? Please strive for less than 5 words in your response.

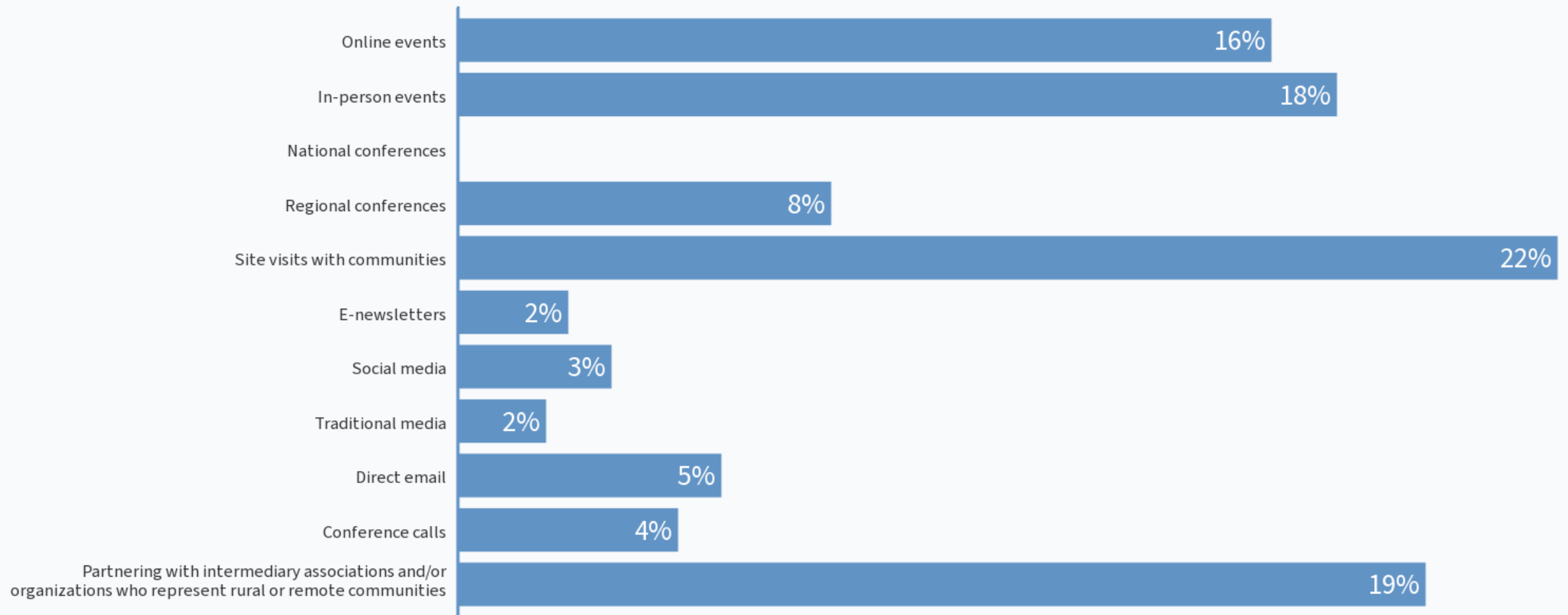


Total Results: 125

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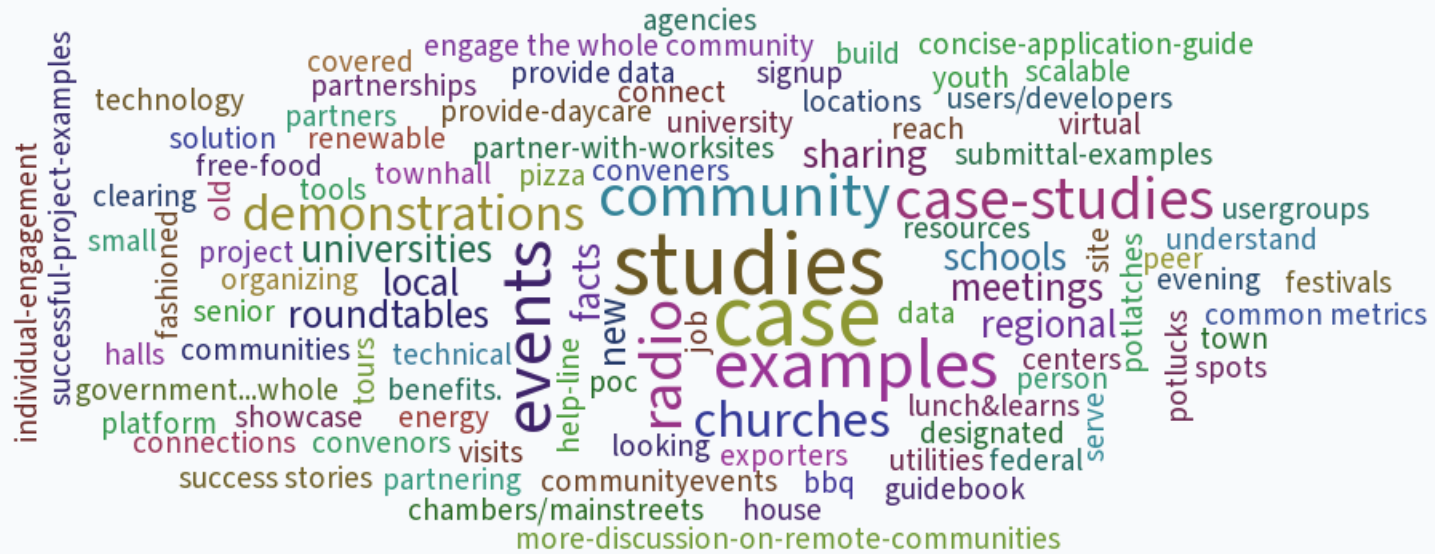
OCED is also considering providing stakeholder engagement support. What outreach mechanisms are the best to engage with rural or remote stakeholders to request information for program design and execution? Select all that apply.



Total Results: 226



Are there other outreach mechanisms not listed to best engage with rural or remote populations across the U.S.? Please strive for less than 5 words in your response.



Total Results: 84

Thank You!

For more information, please visit: energy.gov/OCED

Email: OCED@hq.doe.gov

ERA Mapping Dashboard: <https://bit.ly/ERADASH>



*Download the Request for
Information (RFI):*

<https://bit.ly/ERARFI>



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