



C2C: Clean Energy to Communities






U.S. DEPARTMENT OF ENERGY

Clean Energy to Communities: Expert Match

Apply to the U.S. Department of Energy’s (DOE) Clean Energy to Communities – Expert Match program to receive 40 to 60 hours of analytical support from DOE national laboratories. Expert Match researchers bring years of experience working with community stakeholders to provide customized solutions for unique energy challenges. By combining innovative technology, state-of-the-art modeling, and the ability to test clean energy plans before installing them, we can help close the gap between clean energy ambitions and real-world deployment.

Expert Advice Informs Your Decisions

Based on your community’s needs, you will be matched with researchers from DOE national laboratories to cover your technical areas of interest, such as:

-  • **Clean power**, including solar, wind, hydropower, nuclear, and geothermal.
-  • **Mobility**, including personal mobility, shared mobility, freight, and infrastructure.
-  • **Buildings**, including grid-interactive buildings, advanced building construction, and connected communities.
-  • **Grid**, including transmission and distribution infrastructure.
-  • **Other topics related to clean energy**, including cross-cutting topics such as climate mitigation, financing, resilience, and environmental justice.

Expert Match Communities

National lab researchers are partnering with communities across the country to help address local energy challenges and goals. Some examples are:

- **Bealsville, Florida**, is an agricultural community, where the Black Farmer’s Collaborative develops cost-effective solutions for its members’ economic, energy, and agricultural priorities. Expert Match is helping the community identify opportunities for agrovoltatics and solar panels on houses of worship.



Black Farmers’ Collaborative at Jack’s Solar Garden.
Photo by Dana-Marie Thomas, NREL

- **Cohoes, New York**, a small working-class community with limited resources, used Expert Match to explore and plan for clean energy retrofits of historic buildings and a floating solar project owned and operated by the municipality.



Retrofitting a historic library to be more energy efficient with help from C2C Expert Match. *Photo from City of Cohoes*

Eligibility

Expert Match is for community stakeholders who have decision-making power or influence but need access to additional clean energy expertise to inform time-sensitive decisions. The term “community” is broadly applied to include organizations that represent cities, towns, municipalities, or tribes. It may also apply to organizations that represent a particular group or area within a city, town, municipality, or tribe. Representatives who can employ the tools and lessons learned to promote their community’s clean energy goals are encouraged to apply. For-profit organizations, consultants, and those based outside the United States are not eligible to receive assistance through Expert Match.



A broad range of communities are eligible for Expert Match.
Illustration by Nicole Leon

Apply Today

Applications to Expert Match are reviewed on a rolling basis. If selected, you will be paired with Expert Match researchers who will provide 40 to 60 hours of expert analytical support over 2 to 3 months.

Learn More

The DOE Clean Energy to Communities (C2C) program helps accelerate the deployment of clean energy systems that reflect local and regional priorities, with tailored support across the renewable power, grid, mobility, and buildings sectors.



Community submits short application form.



2–6 Weeks:
Expert Match team reviews application and identifies technical experts.



2–4 Weeks:
Stakeholders scope project.



6–8 Weeks:
Community receives Expert Match support.



To learn more about these options, visit the C2C website:
www.nrel.gov/c2c/expertmatch.



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For more information, visit: nrel.gov/c2c

NREL is a national laboratory of the U.S. Department of Energy
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