**U.S. Department of Energy (DOE)  
Clean Energy to Communities (C2C) Program**

Summary of Technical Assistance (TA) Support

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| Icon  Description automatically generatedBuildings |
| Icon  Description automatically generatedClean Power |
| Climate Mitigation and Resilience |
| Cross-Sectoral Justice |
| A picture containing text, clipart  Description automatically generatedJobs and Economic Development |
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**Teton County, Wyoming**

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From July 2023 through March 2024, the National Renewable Energy Laboratory (NREL) provided technical support to Teton County, Wyoming, to inform the county’s electric vehicle (EV) charging infrastructure, electric vehicle supply equipment (EVSE), and Mobility as a Service (MaaS) services. Specifically, the expert team provided technical assistance in support of Teton County’s current clean energy priorities by producing two reports

* EVSE Standards Study
* NREL provided technical input on current EVSE standards related to charging infrastructure interoperability and data sharing.
* MaaS Standards Study
* While NREL did not recommend specific procurement or contract language, the project team provided general guidance on standards that would support development of a MaaS system, allowing customers to reserve and charge electric vehicles through a centralized service.

 Impact

Provided Teton County with relevant standards that they may be included in future contracts with MaaS or EVSE installers to ensure that systems are compatible as the county expands its EV infrastructure.

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**Background**

Ann Arbor is a city of approximately 122,000 people located in southeast Michigan. The city and its residents are leaders in sustainability and climate action. Their A2ZERO Climate Action Plan outlines their just transition pathway to community-wide carbon neutrality by 2030. With equity as a focus, they are implementing strategies to improve home energy efficiency (EE) and electrify appliances. Toward this, the city wants to explore community geothermal heating and cooling to serve a variety of building types including rental and affordable housing. The city has applied to DOE’s Geothermal Heating and Cooling Design and Deployment program and garnered the support of City Council to pursue these projects, but they need to understand the concept’s feasibility in order to make a “go, no-go” decision.

Teton County has a population of approximately 25,000. The county is focused on installing EV charging infrastructure and EVSE over the next several years and wants to prepare to procure services in a MaaS framework. They sought input on regulations and guidelines on standards that may be helpful in supporting the charging infrastructure rollout and allow the county to procure MaaS services.

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Description automatically generated with low confidence Expert Match Team

**Evan Savage**  
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C2C Expert Match Program Lead, NREL

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Description automatically generated Community Team

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Regional Transportation Planning Administrator, Teton County, Wyoming

For more information, visit:  
**energy.gov/eere/clean-energy-communities-program**

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