

# Alaska Hydrogen Working Group Charter

*Draft 3-30-2022*

## **Purpose of Working Group**

The Alaska Hydrogen Working Group is an informal group of stakeholders interested in following developments related to the production and use of hydrogen as it pertains to Alaska use cases. The group is coordinated by the Alaska Center for Energy and Power (ACEP) located at the University of Alaska Fairbanks (UAF).

Participation in the working group is open to all interested stakeholders, and ACEP will convene the group regularly to share information through presentations and information dissemination to increase understanding of the opportunities and challenges for Alaska associated with hydrogen generation, storage, use, transport, and export under a variety of potential scenarios.

This group may also be called upon to volunteer for subcommittees and provide input to future work products or studies, which could focus on topics related to a hydrogen economy in Alaska.

## **Goals:**

1. Educate Alaskans about hydrogen opportunities and developments in the state including technical, permitting/licensing, environmental, and economic factors.
2. Educate industry and agency stakeholders outside of Alaska about Alaska through the lens of potential future developments and activities in the state.
3. Identify opportunities to demonstrate hydrogen technologies and use cases in Alaska in ways that maximize the potential benefits to Alaskans.
4. Examine the role of hydrogen technologies in state decarbonization strategies from technical, economic, and other perspectives.

## **Working Group Membership:**

The working group membership will be comprised of representatives from:

- Alaska stakeholders with an interest in hydrogen technologies, opportunities, and uses.
- External stakeholders interested in the Alaska market, including industry, the research community, and government agencies.

The working group will be a platform for respectful discourse among a diverse group of participants. Respectful discourse is the expectation for all participants, and any disrespectful dialogue will not be tolerated.

The group's activities will be facilitated by ACEP staff and other volunteers. There will be no formal board.

**Activities:**

- Regularly host speaker events based on the interests of the group (proposed monthly).
- Provide stakeholder input to the Department of Energy's Arctic strategy, as appropriate, within its Energy Transitions roadmap;
- Organize visits to facilities;
- Provide Alaska-relevant use case criteria for consideration in development of plans/instrumentation/analysis incorporated in hydrogen systems;
- Provide input for consideration of hydrogen technologies as part of the Alaska Electric Reliability Organization goals/Integrated Resource Plan development.
- Provide input and feedback on other activities related to hydrogen development in Alaska as needed.

**For further information contact:**

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**For information about the working group:**

<https://acep.uaf.edu/hydrogen>