



# LAUNCH ALASKA

ACCELERATING THE ENERGY TRANSITION

## ABOUT

We're an Anchorage-based nonprofit on a mission to decarbonize the globe, starting in Alaska. Focused on systems of energy, transportation, and industry, we connect climate tech companies with partner and project opportunities in Alaska, catalyzing Alaska's clean energy economy and working to build a regenerative future for all.

## PARTNERS

Launch Alaska receives major support from the **Office of Naval Research** and the **Department of Energy Office of Technology Transitions**. **McKinley Alaska Private Investment** is a key partner, and we receive critical program support from dozens of businesses, research institutions, and others. See a full list at [LaunchAlaska.com/Partnerships](https://LaunchAlaska.com/Partnerships).

## PROGRAM

Our **Tech Deployment Track** is a competitive eight-month program designed to help mid- to late-stage climate tech startups forge partnerships and identify project opportunities in Alaska. Cohort companies receive support from a volunteer advisory panel of subject matter experts, accelerating tech deployment for projects around the state. Learn more at [LaunchAlaska.com/TDT](https://LaunchAlaska.com/TDT).

## PORTFOLIO

Successful Tech Deployment Track graduates are invited to join the **Launch Alaska Portfolio**, through which they receive ongoing support as they work to develop projects and deploy climate tech in Alaska. As of 2024, the Launch Alaska Portfolio comprises 41 companies. Learn more at [LaunchAlaska.com/Portfolio](https://LaunchAlaska.com/Portfolio).

## PROJECTS

Launch Alaska Portfolio company **deployment projects** benefit communities across Alaska. Projects include a biogenic refinery in the Arctic, an emissions inventory for Juneau, solar-powered microgrids in rural Western Alaska, a data center in Cordova, and more. See details at [LaunchAlaska.com/Deployment](https://LaunchAlaska.com/Deployment).





## PROPOSAL SUMMARY

# Port of Alaska: Climate and Air Quality Planning

**WHO** Don Young Port of Alaska (PoA), Launch Alaska, GTI Energy, Chugach Electric Association, National Renewable Energy Laboratory, Sandia National Laboratories, and Pacific Northwest National Laboratory.

**WHAT** **The proposed Port Climate and Air Quality Planning project** would guide emissions reduction at the PoA, leveraging partnerships with national laboratories, community organizations, unions, and climate tech accelerators, creating a pathway for PoA to reach net zero-emissions operations

**WHY** **A transition to net zero-emissions operations at PoA** would transform freight operations throughout Alaska and decrease pollution and impacts of climate change in disadvantaged communities around the port and across the state.

PoA supports every corner of Alaska, serving 90% of Alaska's population and handling 75% of all incoming non-petroleum marine cargo and half of Alaska inbound freight shipped by any mode. PoA also handles three quarters of the jet fuel consumed at the Ted Stevens Anchorage International Airport (ANC), the third busiest in the world by landed tonnage. Creating a comprehensive, data and community-driven living document will help support net zero-emissions operations at PoA, catalyzing regional development of clean energy and transportation infrastructure that enables decarbonization of marine and air cargo operations serving global markets.

## PROPOSAL SUMMARY

The proposed project is intended to be completed over the course of three years, and divided into several broad tasks.

1. **Engage with port stakeholders**, communities, and tribes; conduct listening sessions, workforce development assessments and educational programs; share project outcomes and opportunities for feedback.
2. **Develop tools** to assess scope 1 and scope 2 emissions at the port; determine ways to reduce these.
3. **Develop a ready-to-implement 5-year emissions reduction plan**; publish public website with real-time decarbonization outcomes.

The proposal aims to help PoA and its stakeholders achieve net zero emissions in the most economical, least risky, fastest way possible.

