



LAUNCH ALASKA

2023 IMPACT REPORT





We're on a mission to **accelerate the energy transition** and **decarbonize the globe**, starting in Alaska.

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FROM OUR CEO

This is a very unique moment.

Due to three major pieces of legislation passed in the last three years, the Infrastructure Investment and Jobs Act of 2021, President Biden's Inflation Reduction Act of 2022, and the bipartisan CHIPS and Science Act of 2022, the United States is investing in modernizing our transportation, energy, and industrial infrastructure at a level not seen since the New Deal.

For Alaska, this is an opportunity that must not be missed. Our state experiences some of the nation's highest energy costs and per capita energy consumption, as well as extreme transportation challenges and an accelerating energy transformation. Fortunately, much of the available federal funding is ideally suited to Alaska's needs, and at Launch Alaska we're connecting companies with communities across the state to make the most of this extraordinary moment.

The numbers in these pages speak to that. 2023 was yet another breakout year in terms of the impact we and our companies are seeing in the state. More projects, more investment, more community partnerships — and more growth to come in the year ahead.

Isaac Vanderburg, CEO



OUR TEAM



Isaac Vanderburg
CEO

Frances Ball
Operations

Penny Gage
Accelerator &
Policy

Tim Leach
Deployment

Matt Nejati
Deployment

Brij Hall-Potnis
Deployment



Suzanna Caldwell
Accelerator

Kirsten Swann
Marketing

Janelle Ocampo
Business Mgmt.

Eva White
Accelerator

Angela Rodell
Board

Chad Estes
Board



Tom Hsieh
Board

Joe Jacobson
Board

Daniel Mitchell
Board

Dane Boysen
Board

Michael Bourdukofsky
Board

OUR PARTNERS

Learn more at LaunchAlaska.com/Partnerships.





ACCELERATOR

Tech Deployment Track 2023 Highlights:

Our eight-month deployment accelerator program helps mid- to late-stage climate tech startups connect with partners and project opportunities in Alaska. Major program funding is provided by the Office of Naval Research and Department of Energy Office of Technology Transitions.

Supported by an advisory panel of volunteer subject matter experts and decision makers, Tech Deployment Track cohort companies work to deploy their technology and build projects in Alaska. Successful program graduates are invited to join the Launch Alaska Portfolio in April of each year. Program highlights in 2023 include:

19

Climate tech companies attended Session 1 in Anchorage.

241

Customer leads generated for cohort companies during Session 1.

46

Volunteer advisors provided expert feedback and guidance.

39%

Of 2023 volunteer advisors are women, a program record.





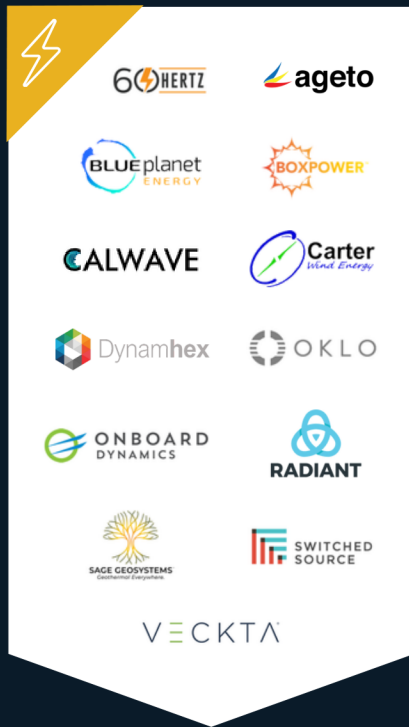
PORTFOLIO

2023 Overview & Insights

32

Portfolio
Companies

Launch Alaska Portfolio companies represent energy, transportation, and industry verticals. On average, their technologies are ready for demonstration in real-world conditions — and they continue to generate economic impact and environmental benefits in Alaska and beyond.



72

Net Jobs Created

\$122M

Amount Raised

436k

Metric Tons CO2E Reduced

81%

Of Launch Alaska Portfolio companies have at least one member of a traditionally excluded group on their executive team.

Traditionally excluded groups include non-white, female, and LGBTQIA+.

ALASKA IMPACT

From Anchorage to the Arctic, from the Panhandle to the Alaska Peninsula, Launch Alaska Portfolio companies supported diverse communities across the state in 2023. Project locations are listed below; some communities hosted more than one.

19

Projects awarded in Alaska
in 2023

\$9.2M

Revenue earned in Alaska
in 2023



Projects in:

- Anchorage
- Cordova
- Deadhorse
- Fairbanks
- Galena
- Healy
- Hughes
- Iliamna
- Juneau
- Kivalina
- Manley
- Newhalen
- Nondalton
- Seward
- Trapper Creek



DEPLOYMENT

What do Launch Alaska Portfolio deployment projects look like? They're **high-impact, game-changing collaborations** that pave the way for decarbonization, bringing economic and environmental benefits to businesses and communities around Alaska. Here are a few highlights from 2023.

AMPAIRE successfully completed the first hybrid-electric aircraft deployment in Alaska. Flying in segments from Southern California through Canada to Fairbanks, the flight also marked the first international hybrid-electric flight, and the first hybrid-electric aircraft to obtain special airworthiness approvals from regulators in both the U.S. and Canada.



SWITCHED SOURCE successfully installed Phase-EQ units with utility partners in demo projects in Alaska, Iowa, and Florida. These distribution automation devices can balance power flow between the three phases of a distribution circuit, improving distribution system energy efficiency and savings and increasing renewable/distributed energy resource and electric vehicle hosting capacity.

VECKTA's innovative grid technology has been tapped to support the mutlimillion-dollar Alaska Energyshed, a collaborative project designed to identify and source financing for at least three clean energy projects throughout Northwest and Southeast Alaska.



Learn more at LaunchAlaska.com/Companies.



PROGRESS TOWARD \$1B

The Bottom Line

We envision equitable, resilient, and prosperous communities rich in economic opportunities, sustainable systems, and clean energy.

As we work to build this future, we measure our progress against one major goal: support the development of \$1 billion in climate tech projects in Alaska by 2030.

To calculate this number, we include several factors. We count the value of Launch Alaska Portfolio projects in Alaska, and the value of partner projects directly supported by Launch Alaska staff. We also count the estimated value of future projects unlocked through our support. For example – if a Launch Alaska Portfolio company installs a microgrid control system that enables the deployment of a new renewable energy system, we count the value of the microgrid control system, and the estimated value of the renewable energy system it makes possible.

This work requires collaboration with multiple Alaska partners, and it benefits communities across the state. There’s still a long way to go, but we’re making good progress: As of the end of 2023, we’ve directly and indirectly supported the development of approximately \$391 million in climate tech projects. This includes 57 unique projects: Transportation projects generated 67% of the total impact, energy projects 32%, and industry projects 1%.

