

# boost

Building Ventures Around  
Community Energy Challenges

DOE BOOST PLATFORM

# Applicant Information Guide



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# Engage to Address Community Challenges

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To America's Entrepreneurs,

It is essential that as a nation we take action to address the global challenge of our changing climate. In the words of the US secretary of Energy, Jennifer Granholm, "we don't have a moment to lose."

Through the DOE Boost platform, funded by DOE's Technology Commercialization Fund administered by the Office of Technology Transitions, we are empowering local communities to drive technology selection for entrepreneurs and innovators to spin-out DOE-developed intellectual property to directly address the challenges identified by underserved communities.

We look forward to engaging you; as entrepreneurs leading innovative technology start-ups, as coaches who bring your knowledge to support these entrepreneurs, as researchers at the national labs who will help to inform the startups and enable their success, and as communities engaged in the Boost project, informing the challenges we aim to address.

Don't miss the chance to be part of this collective movement.

A handwritten signature in black ink that reads "Mary Monson".

Mary Monson, Sr. Manager, Technology Partnerships and Business  
Development  
Sandia National Laboratories

# Join the Climate and Energy Solution Community

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Hello Innovators,

Changing climate conditions affect everyone; significantly more for people who work and live with the land, like so many people in the southwest and pacific northwest.

We as a nation are seeing advancements in technologies that can reduce some of the causes of climate change along with investments in supporting individuals who start businesses in clean energy and climate technology.

Sandia National Laboratories, in partnership with FedTech, is excited to announce the launch of the DOE Boost platform - a regional initiative that brings together new technologies from national labs plus universities and aspiring entrepreneurs together in a supportive, community environment to build local businesses focused on clean energy and climate solutions.

We are bringing the best practices in entrepreneurship, regional expertise and support from the local community to help you participate or contribute to the DOE Boost program.

We look forward to your participation in developing solutions to help solve the climate and energy challenge.

*Ish Singh*

Ish Singh, Sr. Associate, FedTech

# An Inclusive Deep Tech Platform

DOE Boost is a partnership between **Sandia National Laboratories** and **FedTech**.

## About

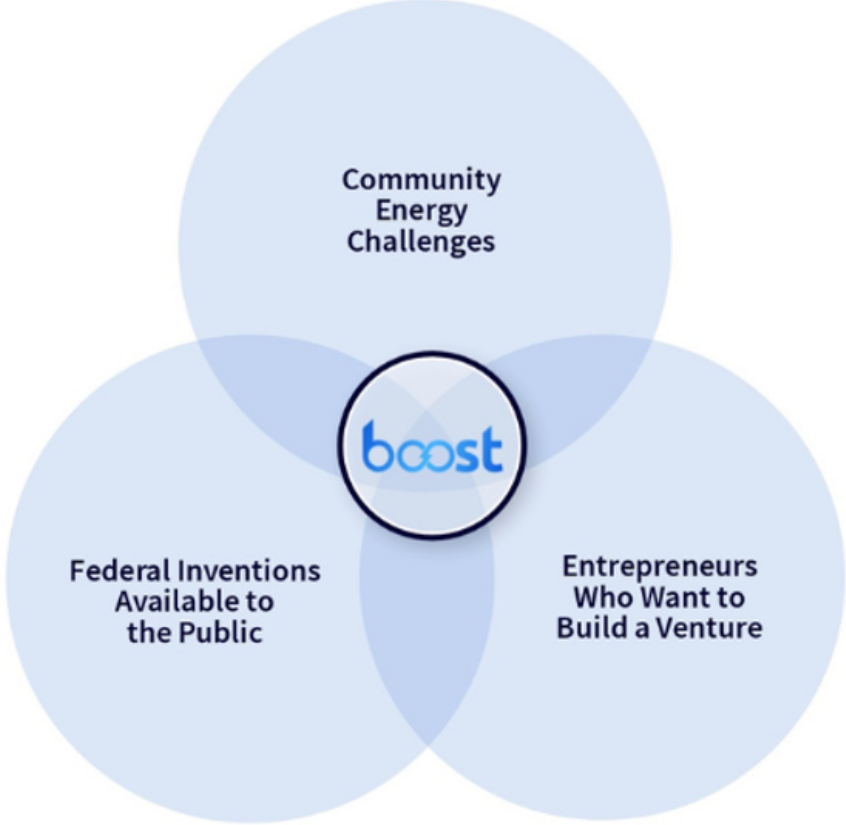
An initiative that brings national labs, startups, academia and entrepreneurs together to find solutions to big community-based energy challenges.

## Mission

To empower aspiring entrepreneurs to launch a startup with national laboratory technology, gain critical business and technical skill, and help solve pressing energy challenges from underserved communities.

## Vision

We envision dynamic ecosystems where creativity flourishes, talents thrive, and innovation becomes a driving force through targeted investments and collaborative efforts.



# The Perks of the Program

Be empowered to launch a startup with national laboratory technology, gain critical business and technical skill, and help solve pressing energy challenges.



ACCESS TO DOE LAB-CREATED TECHNOLOGY, INCLUDING THE INVENTORS OF YOUR ASSIGNED TECHNOLOGY.



MENTORSHIP FROM SEASONED ENTREPRENEURS, TECHNOLOGISTS, AND EXECUTIVES.



ACCESS TO RESOURCES FROM SANDIA NATIONAL LABORATORIES' AND FEDTECH'S ECOSYSTEMS.



THE CHANCE TO LICENSE YOUR ASSIGNED TECHNOLOGY AND LAUNCH A SPINOUT COMPANY

# Take a Step Toward Commercialization

How the DOE Boost program work?

Apply for the Program

Entrepreneurs from all backgrounds are encouraged to apply by **Fri, June 14, 2024**

Get Paired with a Groundbreaking Technology

Accepted entrepreneurs will be matched with an exciting technology from federal labs.

Gain Experience and Knowledge in the Startup Studio

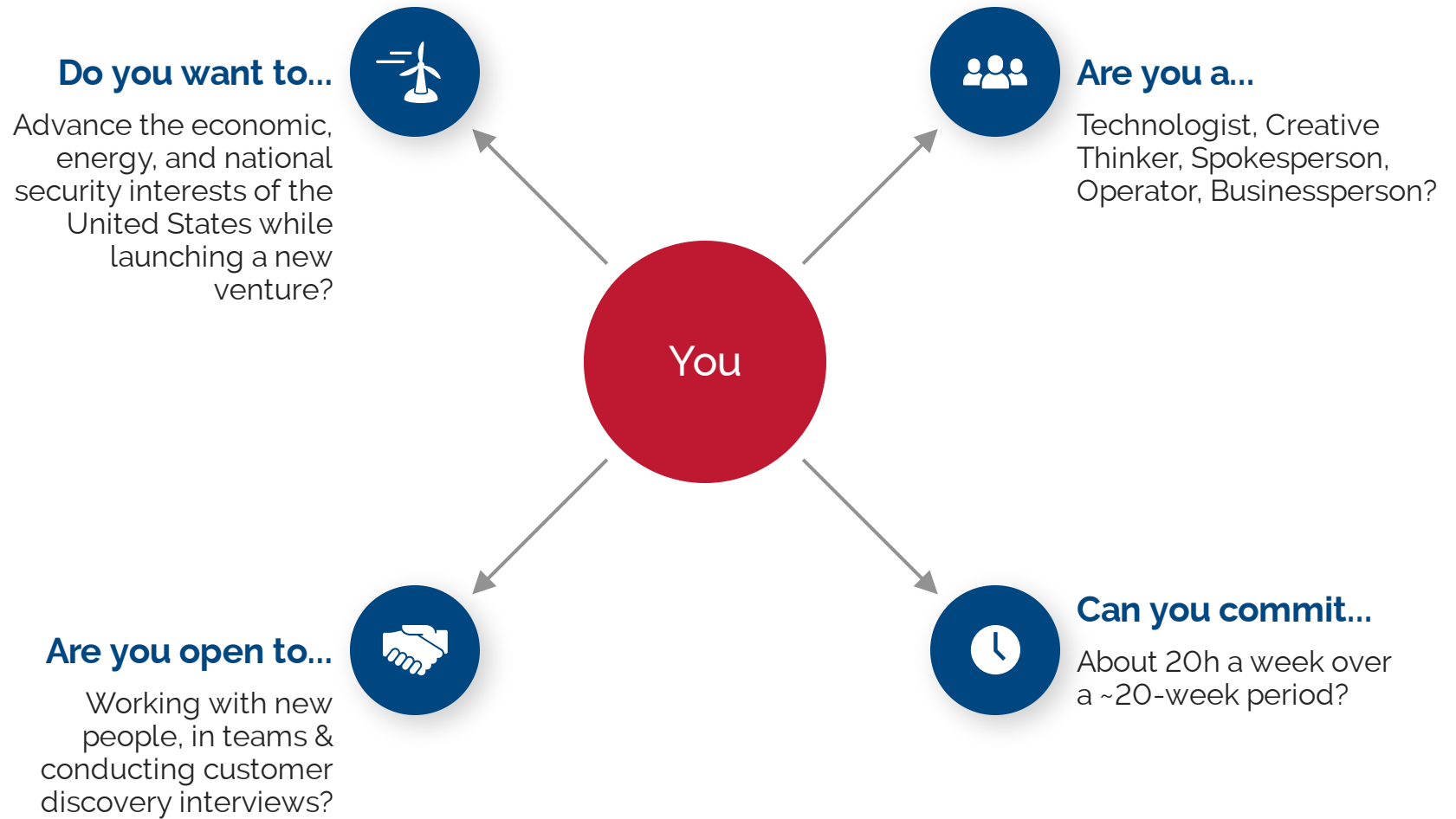
Learn from innovators across industries to develop entrepreneurial skills, ranging from technical know-how to customer discovery.

Launch an Energytech Venture

Finish the program with a fully-realized energytech startup in your hands, without having to quit your fulltime job.



# We are looking for entrepreneurs with diverse backgrounds and skills





# We Identify Promising Technologies

We assess the potential of the technology based on the market information.

A total of 15 to 20 technologies will be selected to participate.

## Office of Science Laboratories

- 1 Ames Laboratory  
Ames, Iowa
- 2 Argonne National Laboratory  
Argonne, Illinois
- 3 Brookhaven National Laboratory  
Upton, New York
- 4 Fermi National Accelerator Laboratory  
Batavia, Illinois
- 5 Lawrence Berkeley National Laboratory  
Berkeley, California
- 6 Oak Ridge National Laboratory  
Oak Ridge, Tennessee
- 7 Pacific Northwest National Laboratory  
Richland, Washington
- 8 Princeton Plasma Physics Laboratory  
Princeton, New Jersey
- 9 SLAC National Accelerator Laboratory  
Menlo Park, California
- 10 Thomas Jefferson National Accelerator Facility  
Newport News, Virginia

## Other DOE Laboratories

- 1 Idaho National Laboratory  
Idaho Falls, Idaho
- 2 National Energy Technology Laboratory  
Morgantown, West Virginia  
Pittsburgh, Pennsylvania  
Albany, Oregon
- 3 National Renewable Energy Laboratory  
Golden, Colorado
- 4 Savannah River National Laboratory  
Aiken, South Carolina

## NNSA Laboratories

- 1 Lawrence Livermore National Laboratory  
Livermore, California
- 2 Los Alamos National Laboratory  
Los Alamos, New Mexico
- 3 Sandia National Laboratory  
Albuquerque, New Mexico  
Livermore, California



# We Use a Data-Driven Approach to Form Teams

A screenshot of a web application interface for ranking technologies. It features a header bar, a search bar, and a grid of technology names with radio buttons for selection. The third column has a radio button selected.

## Teams Rank Technologies

Individuals or pre-formed teams rank their preference of available technologies selected for each cohort after the FedTech team completes initial due diligence and market assessment.

A screenshot of a personality profile assessment interface. The title is "Build your personality profile". Below the title is the instruction: "For each group of words, select the word that most describes you and the word that least describes you." The assessment consists of a table with three rows: "I am...", "Most", and "Least". The columns are "Easygoing", "Driven", "Skeptical", and "Convincing". The "Driven" column has a blue dot in the "Most" row, and the "Skeptical" column has a blue dot in the "Least" row. At the bottom are buttons for "BACK", "NEXT", and "SAVE AND FINISH".

| I am... | Easygoing             | Driven                           | Skeptical                        | Convincing            |
|---------|-----------------------|----------------------------------|----------------------------------|-----------------------|
| Most    | <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/> |
| Least   | <input type="radio"/> | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> |

## Entrepreneurial Assessment

Applicants are assessed for fit against common success metrics for an entrepreneur.

A screenshot of a personality map interface. The title is "Personality Map". It features a circular diagram with 16 segments, each representing a personality type: Initiator, Influencer, Motivator, Encourager, Hammerhead, Counselor, Supporter, Planner, Stabilizer, Editor, Analyst, Skeptic, Questioner, Architect, Captain, and Driver. The "Initiator" segment is highlighted in red. To the right of the diagram is a text box with the title "Initiators" and a list of four effective behaviors in groups. At the bottom are buttons for "Archetypes" and "DISC types".

**Initiators**

Initiators like Walter are in the upper-most region of the personality map, which means they have a strong tendency to shape, change, and control their environment.

In groups, Initiators can be most effective:

1. Setting a vision and inspiring others to buy into it.
2. Keeping others optimistic in a difficult situation.
3. Presenting ideas in front of others.
4. Helping other make bold decisions with limited information.

## Team Personality Matching

We seek out balanced teams that can harness each other's unique strengths and approaches to problem-solving.

# Key Milestones

## Pre-Program

## Phase I

## Phase II

### Bootcamp

Initial cohort session focuses on team building, expectation setting and intro to concepts

### Preparation

Tech, Inventors, Entrepreneurs, Mentors, Logistics

### Phase I Workshops

Learn how to validate business model hypotheses

### Internal Pitch Day

Deliver a meaningful commercialization plan pitch to your lab

### Phase II Workshops

Establish product & funding roadmap

### Business Creation

Begin process for formal partnerships & company formation

Industry Showcase

Launch Event

### Diligence Process

IP evaluation and market assessment

# Application Key Dates

Dates are subject to modifications.

| Date                   | Event                | Details   |
|------------------------|----------------------|---|
| Ongoing                | Applications Open    | Online Submission at <a href="https://boostplatform.org">boostplatform.org</a>      |
| Mar 28, Apr 25, May 30 | Lunch & Learns       | Register at <a href="https://boostplatform.org/events">boostplatform.org/events</a> |
| Jun 14                 | Applications Close   | Online Submission at <a href="https://boostplatform.org">boostplatform.org</a>      |
| Jun 28                 | Technology Selection | Entrepreneurs rank their technology preferences                                     |
| Jul. 9 - 12            | Two-Way Interviews   | Via Zoom  |
| Jul 22                 | Acceptance Notice    | Via Email   |

# Phase I & II Key Dates

All time is listed in MT. Dates are subject to modifications.

| Date                | Time (MT)       | Event                         | Details  |
|---------------------|-----------------|-------------------------------|--|
| Phase I             |                 |                               |  |
| Tue, Jul 30         | 12.00 - 1.00 PM | Entrepreneurs Webinar         | Overview, Logistics, Expectations  |
| Sat, Aug 3          | 10.00 - 4.00 PM | 1/2-day Bootcamp              | Team Building, Tracked Sessions, Coach-Team Meetings                       |
| Tue, Aug 8 - Sep 26 | 6.00 - 7.30 PM  | 8 Weekly Workshops (Tuesdays) | Narrowing Down Use Cases, Market/Competitive Analysis, Pitch Practice, etc |
| Tue, Oct 1 - 2      | 12.00 - 2.00 PM | Internal Pitch Day            | Presentation to Program Sponsors & Lab                                     |
| Phase II            |                 |                               |  |
| Tue, Oct 8 - Nov 26 | 6.00 - 7.30 PM  | 8 Weekly Workshops (Tuesdays) | Commercialization Strategy, Business Modeling, etc                         |
| Tue, Dec 10         | 4.00 - 7.00 PM  | Industry Showcase             | Industry Showcase Event (In-Person/Hybrid)                                 |

# Next Steps

All links can be found at [boostplatform.org](https://boostplatform.org)

- ✓ Share the application with your network!
- ✓ Register for Lunch & Learns
- ✓ Apply by Friday, **June 14, 2024**



# Frequently Asked Questions

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## 1 What is the time commitment?

The expectation for the program is that each team member will be able to spend ~20 hours per week. This is per team member, however, the actual time may vary by week and is not a hard requirement that must be met but is rather a general guideline. It is also important to note that a large portion of the first few weeks of the program includes conducting customer interviews which are typically during the weekdays.

## 2 I have my own idea and/or startup. Can I still apply?

DOE Boost designed for participants to explore company formation around the technologies they are paired with. It is not an incubator for external ideas or companies. However, many successful participants have previous startup experience, and we welcome all entrepreneurs to bring their unique perspectives and experience levels to the program.

## 3 Can I apply by myself or do I need to apply with a team?

You are welcome to apply as an individual or as a team. If you want to apply with other colleagues, please note that you will each need to fill out an application and note in your application that you'd like to be considered together.

## 4 How much does it cost if I'm selected for the program?

There are no costs to participate in DOE Boost. Sandia National Laboratories and FedTech do not take equity before, during, or after participation.

## 5 What is the application process like and when will I know if I'm accepted?

The first step of the application process is to submit an application form, after which you will be invited to complete a video interview. This allows us to get to know you, your background, and your potential fit for DOE Boost. Once your application has been reviewed (approximately two-three weeks after submission), you will receive an email confirmation about your progression to the next stage of the process. At this stage, you will receive more specific information about the program you are being considered for, dates, and logistics.

## 6 Do I have to be from New Mexico or Alaska to apply?

DOE Boost accepts entrepreneurs from all over the United States to apply. However, entrepreneurs from these states are strongly encouraged to submit an application.



Call To Entrepreneurs

# Apply for DOE Boost!



[boostplatform.org](https://boostplatform.org)



[boost@fedtech.io](mailto:boost@fedtech.io)

U.S. DEPARTMENT OF  
**ENERGY**

OFFICE OF  
**Technology Transitions**

DOE Boost Platform is funded by DOE's Technology Commercialization Fund administered by Office of Technology Transitions.