



## A New Frontier of Economic Opportunity

**A**round the world, economies are increasingly putting a price on the emission content of their products and activities. Whether through policy and tax actions, through business response to consumer demand, or strategic decisions made by capital markets, the cost of carbon emissions tied to products and services will impact competitiveness and change the global competitive landscape.

Those that can develop and deploy technologies, business models, and partnerships that lower the emissions of their products and services will succeed. This will shift the balance of

economic competitiveness globally, and its imperative that the United States lead in this new Frontier of economic competition. And State partnerships are key to this competitive edge.

### **OVERVIEW:**

The Frontiers Collaboration is an initiative between Alaska, Wyoming, and Idaho to establish market-leading positions in this new economic frontier. This collaboration aims to enable transformational economic development and global position based on low emissions industrial and service activity. Advanced nuclear energy will be a key enabler – and the Frontiers

Collaborators, as first-movers in advanced nuclear energy deployment, will have an early competitive advantage.

The Collaboration will engage with its government agencies, tribal governments and corporations, private sector stakeholders, and academia. The Idaho National Laboratory, the nation's premier research center for nuclear energy research and development, will be a close partner to enable the State leaders in advancing into this new frontier.

**PURPOSE:**

The Frontiers Collaboration is an opportunity to leverage knowledge and practice to:

- prepare for advanced nuclear energy deployment;
- identify economic opportunities of common interest connected to advanced nuclear energy deployment;
- establish enabling structures, mechanisms, knowledge, and insight (financial, regulatory, investment, outreach and other) that translates to private sector competitive advantage and U.S. strategic advantage;
- garner global recognition, brand, and ultimately market share for collaborators;

- engage and lead national and international dialogue in areas of relevance, and
- identify and catalyze industry-government teaming opportunities to transform and enhance the economic positions of each state.

**STRATEGIC FOUNDATION:**

- Energy system resilience and emissions will continue to fundamentally reshape energy-intensive industries such as manufacturing and mining, a new Frontier in economic competition is rapidly emerging.
- National security interests will continue to grow in influence and materially impact strategic industries and policy, and will amplify the “new economic frontier.”

- Emerging energy changes directly impact AK and WY – each is managing an “energy transition.” States with traditional energy economies have been and will continue to be challenged by these global market transitions.
- AK, WY, and ID are first-mover states for advanced nuclear energy, and beyond that, have engaged in initiatives to explore opportunities that low emission and high-density energy (such as nuclear) provides.

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