

Idaho Advanced Energy Consortium Update

Steve Laflin

Idaho Advanced Energy Consortium, COO

Idaho Advanced Energy Consortium

Our Mission:

To convene energy industry stakeholders and to collaboratively address the evolving energy needs of our communities and beyond.



Consortium Infrastructure Updates

- IAEC's Expanded Structure:
 - Grant Management firm- The Doc Lab
 - Assisting with heavy lift of Tech Hub grant development
 - Subcontract with Moxie Endeavors
 - Administration function
 - COO Contract- Steve Laflin
 - Project and financial management
 - Accountant Firm John and John, PLLC
 - Payroll, tax, state filings
 - Marketing Firm- Manwaring Web Solutions, Inc
 - Working on extensive marketing/media plan
 - Developing community outreach materials



U.S. EDA Tech Hub Grant Intermountain-West Nuclear Energy Corridor (INEC)



- Phase 2 Application: In Process
- Focus Areas:
 - Commercialization & Policy
 - Advanced Reactor Deployment
 - Supply Chain
 - Fuel Cycle Support



INEC Partners

Curtiss-Wright	University of Idaho	Wyoming Energy Authority	TerraPower
Moxie Endeavors	Idaho State University	WY Governor's office	UAMPS
		HPAIRI/Wind River Indian	
Schuff Steele	Kiewit	Reservation	MEI
Premier Technologies	Altura	University of Wyoming	Curio
	Idaho Office of Energy and	Wyoming Manufacturing	
ESI, ESTECH	Mineral Resources	Works	GAIN
Idaho Environmental			
Coalition	Idaho AFL-CIO	Wyoming Business Council	NuScale
Idaho Falls Power	Idaho National Laboratory	USW Local 652	BWXT
Shoshone Bannock Tribes	Boise State University	Wyoming Workforce Services	Rolls-Royce
Idaho Department of	Idaho Workforce Development	Western Wyoming Community	
Commerce	Council	College	Aalo
City of Idaho Falls	College of Eastern Idaho	Lincoln County	OKLO
ID Governor's office	Butte County	City of Kemmerer	NRIC

Project Milestones



February 29

Submission of Implementation Grant Application



Initiation of INEC Operations

July 2024 (based on award date)

Performance period: 2-5 years

Economic impact in 10 years

Year 2 2026



Policy analysis & execution strategy complete

Online tools implemented Front end fuel dev. mapped

Regional site inventoried

Supply chain inventoried

Pathways created

ESTEC expanded, reskilling started

2028

Year 4

Fuel recycling analysis complete

Develop education system curriculum

Draft Best Practices Methodologies: Early siting, Tech Adv., Facility rehab, community siting, etc.

Year 6-10 2034

And so on...

INEC becomes operational Public engagement program established

> Establish INEC Education/Policy/etc.

Councils

Year 1

2025

Align 1st year energy systems programming

Fuel on-shoring resource and manufacturing policy

Identify/engage AR deployment candidate

Finalize ShoBan Feasibility Pilot

Transfer pathways and PLA standardization

Define credentialing/certificate standards

Deployment/siting facilitation standards operational

Pathway for test reactors defined

Year 3 2027





Anticipated Award 2024

Next Steps

- Submit Tech Hub Phase 2 Grant February 29th
- Update IAEC Governance Structure
 - Increase Bandwidth- Full Time Staff, Solidify Additional Contracts
- Finalize Marketing and Media Plan
- Advocacy
 - Build an advocacy plan
 - Idaho Delegation looking to consortium for direction:
 - Looking to engage, learn and understand from the IAEC
 - State to Capitol visit



Questions & Discussion

