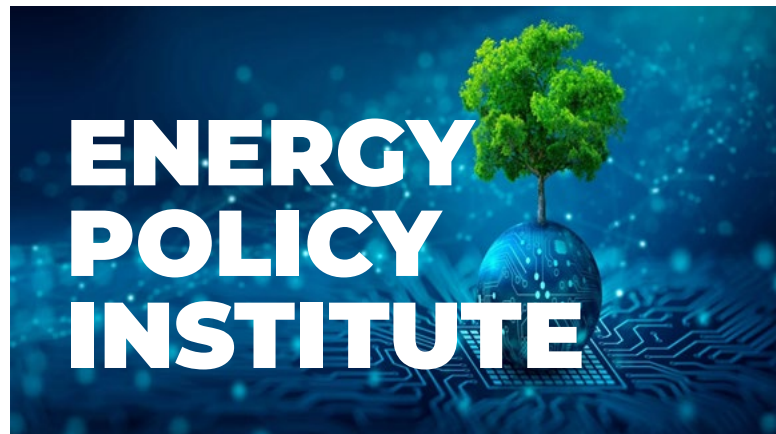

Energy decision-making is critical for our quality of life, environment and progress. In short, the choices that we make about energy involve complex tradeoffs that impact safety and the environment, affordability and security, as well as jobs.

Advancing Energy Decision-making at the intersection of Technology, the Environment, and Society



The **Energy Policy Institute (EPI)** advances energy decision-making at the intersection of technology, the environment, and society. We do so with objective and evidence-based research, training, and advising on energy system changes. This includes collaboratively working with key stakeholders, like communities, to advance planning and engagement on tradeoffs in choices. Our work spans regional priorities, regulatory issues, economic implications, technology, and other emerging energy considerations.

Research and Advising:

Examples of our work include road-mapping for regional shifts, resilience and tech hubs; State potential for advanced deployment of geothermal, critical materials/minerals, biogas, and rural microgrids; Policy/planning for wildfire-grid risk; Cyber regulation/risk for energy facilities; Decision-making tradeoffs for energy-economy workforce, market and infrastructure resilience; Strategies for consent-based siting and electricity markets; Energy/broadband infrastructure repurposing; Nuclear safety, regulation, adoption, siting, and security; Advancing the circular economy.

Leadership and Research:

Our team leads a national consortium on consent-based siting for critical infrastructure that includes research, national seed grant programming, public feedback sessions, and recommendations on better practices to the U.S. Department of Energy.



Energy Events: ~5,260+ registrants 2018-2025 to date; *Power Talk* registrants in 2024 (more than 3 times compared to 2018 energy event registrants).

Community Support: Our team provides technical support, facilitation and planning for community-engaged decision-making.

Students: Our graduates (high school, undergraduate and graduate students) work with natural resource management agencies and non-profit organizations, Power Engineers, Idaho National Lab, Geothermal Rising, Amazon, etc.

Workforce Readiness and Education: We focus on road-mapping educational pipelines for advancing energy; training with hands-on learning in sustainability; an on-line certificate in nuclear security; customized professional education; and K-12 energy education.

Awards & Regional Development, 2023-2024, \$30M+ (typically shared across partners): Idaho community-engaged energy-water resilience, Consent-based siting for critical infrastructure, Energy independence and infrastructure, Emerging energy markets, Power planning, siting, and grid reliability.

Workforce Development:

- Launched Boise State's **Field School on Sustainability**; online **Nuclear Safeguard & Security Certificate** with ISU & UI; and **Idaho Science & Technology Policy Fellowship** with the McClure Center (lead) and partners
- Leading Boise State's **Master of Environmental Management Program**
- Leading **Industry and Government partnering** for a state energy-water resilience project with UI, ISU, and partners
- **Bridging training-to-career gaps**, connecting students with employers and advising the Energy Systems Tech & Ed Center.

Technology Hub Areas of Focus: Advancing potential with consent-based siting, geothermal, critical minerals and materials, wildfire-grid, nuclear, biogas, energy-water systems, energy in agriculture, hydrogen,

Key Collaborations: We partner with the U.S. Council on Competitiveness, Idaho Strategic Energy Alliance, Idaho Workforce Dev. Council, National Association of State Energy Officials, National Tribal Energy Association, Western Interstate Energy Board, Shoshone-Bannock tribe, Wells Fargo, Idaho Power, Clean Tech Alliance, Idaho National Lab.

