

Workshop on Advancing the Bioeconomy in the Intermountain West

January 25, 2022

9:00 am - 1:00 pm MT

The Intermountain West Energy Sustainability & Transitions (I-WEST) project is focused on delivering a regionally relevant technology roadmap to transition six U.S. states to a carbon-neutral energy economy. I-WEST encompasses Arizona, Colorado, Montana, New Mexico, Utah, and Wyoming. The project is taking a place-based approach, which prioritizes the geographical attributes, economic landscape, and societal readiness of the region. Learn more online at www.iwest.org.

The bioeconomy—including bioenergy and bioproducts—will be an important component of the portfolio of technologies needed for energy transition in the Intermountain West and will likely present regional economic opportunities. This workshop will provide perspectives from current bioenergy and bioproducts companies in the I-WEST region and will solicit input from potential users on issues related to development, deployment, employment, and usage of bioenergy and bioproducts. The primary goal of this workshop is to discuss business models and technology pathways that will evolve over the next 5, 10, and 15 years, which will directly feed the technology roadmap being developed by I-WEST for the U.S. Department of Energy. The workshop and roadmap may be used to inform future funding opportunities. The workshop will discuss:

- Bioenergy and bioproducts industries in the region
- Technical challenges faced by bioenergy and bioproducts industries in the region
- Economics, policy, and workforce issues affecting bioeconomy opportunities in the region
- Benefits and risks of growing the bioeconomy in the I-WEST region

In addition to informing the I-WEST technology roadmap, this workshop is intended to expand regional knowledge of bioenergy and bioproducts technologies and their implementation in the I-WEST region. The workshop will also serve as an opportunity to build partnerships and regional coalitions for facilitating a just and equitable regional energy transition.

Meeting Agenda

Time	Topic	Presenter
9:00-9:10	Introduction and I-WEST Overview	George Guthrie Los Alamos National Laboratory
9:10-9:20	Welcome from the DOE Bioenergy Technologies Office (BETO)	Valerie Sarisky-Reed Director, DOE-BETO
9:20-9:30	Bioenergy State and Local Programs and Opportunities	Beau Hoffman Technology Manager, DOE-BETO
9:30-9:40	Workshop Format	Babs Marrone & Sheila Van Cuyk Los Alamos National Laboratory
Lightning Talks: The following five-minute presentations will introduce regional projects and/or company and community stakeholder perspectives on the potential role a robust bioeconomy can play in decarbonizing the Intermountain West. Please use the chat to document your questions throughout the presentations so they can be addressed during the roundtable discussion. Moderator: Sheila Van Cuyk		
9:40-9:45	Tucumcari Bio-Energy Company (NM)	Robert Hockaday President
9:45-9:50	NM Healthy Soil (NM)	Isabelle Jenniches Co-Founder
9:50-9:55	The Trollworks (NM)	Gordon West Founder, CEO, CTO
10:00-10:05	Larson Consulting (CO)	Ronal Larson Board Member, United States Biochar Initiative (USBI)
10:05-10:10	Diné (Navajo) perspective (MT)	Ranalda Tsosie NSF Earth Sciences Postdoctoral Fellow, Montana State University

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10:10-10:15	Covenant Pathways (Navajo Nation, NM)	James & Joyce Skeet Co-Founders
10:15-10:20	Trio Renewable Gas (CA)	Michael Goldstein President
10:20-10:25	Singularity Energy Technologies (ND)	Nikhil Patel President
10:25-10:30	Thermosolv, LLC (WY)	Beau Braunberger Chief Operating Officer
10:30-10:35	Utah Division of Forestry, Fire, and State Lands (UT)	Bergen Eskildsen Wood Utilization & Business Development Coordinator
10:35-10:40	Sangre de Cristo Initiative (NM)	Charles Curtin Co-Director
10:40-10:45	CLEARAS (MT)	Greg Guard CEO
10:45-10:50	Arizona Center for Algae Technology and Innovation (AzCATI) at Arizona State University (AZ)	John McGowen Director
10:50-11:00	Break (Everyone is welcome to submit questions to the chat for discussion)	
11:00-11:55	Roundtable Discussion: Technology	Moderators: Beau Hoffman, DOE-BETO Babs Marrone, LANL
11:55-12:50	Roundtable Discussion: Community & Policy	Moderators: Babs Marrone, LANL Beau Hoffman, DOE-BETO
12:50	Wrap up and Conclusion	Babs Marrone & Sheila Van Cuyk LANL

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