

Accelerating Clean Energy Deployment

SEAB Working Group April 19, 2022 Status Update

- **GOAL: Assist DOE's leadership in accelerating transition to thriving zero carbon economy maximally utilizing private and nonfederal capabilities and resources.**

Topics include

- Understanding current and expected market dynamics that have increased private sector investment in some clean economy technologies and companies many fold over recent years to enable maximum impact from DOE leadership and funding
- Enhancing likelihood that great sustainable new business opportunities are created from this transition for all stakeholders including those that have never participated in DOE or federal programs
- Develop ideas for how DOE could assess the investment landscape and better project where private or other non-federal capital flows in select zero carbon energy and supply chain vertical are headed.

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- **DOE leads:**

- Kathleen Hogan, Acting Under Secretary for Infrastructure
- Ali Douraghy, Chief of Staff, Office of the Under Secretary for Science & Innovation

- **Working Group Members:**

- Phil Giudice, Chair, FirstLight Resources
- Denise Gray, Co-Chair, LG Energy Solution Michigan Inc.
- Trenton Allen, Managing Director and CEO, Sustainable Capital Advisors
- Roxanne Brown, International Vice President at Large, United Steelworkers
- Noah Deich, President, Carbon180 (recently resigned SEAB to join DOE)

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- **Recent Activity** – WG/DOE leadership meetings
 - Mar 9: Emily Grubert – Dep. Asst. Sec., FECM
 - Mar 16: Kelly Cummins – Acting Director, OCED with Doug Schultz
 - Mar 21: Doug Hollett – Senior Advisor for Critical Minerals and Materials, S4
 - Mar 23: Scott Hsu – Senior Advisor for Fusion Energy, S4
 - Mar 25: Jigar Shah – Director, LPO
 - Mar 31: Sue Hamm – Director, Geothermal Technologies Office, EERE and colleagues
 - TBD: Vanessa Chan – Director, OTT
- **Impressions**
 - All leaders were enthused, smart, engaged, focused, practical, and are committed to demonstration and deployment as quickly as possible leveraging private and public sectors.

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- **Delivering actionable insights and recommendations to DOE** on best practices and considerations for maximally leveraging public and private sectors to obtain a zero carbon economy with potential particular focus on carbon removal, energy storage, hydrogen, supply chain minerals
- **Three step workplan**
 1. For the next few weeks, our working group will conduct a series of interviews to narrow the key topics and attendees including industry, labor, academia, and NGO stakeholders
 2. Convene a DOE leadership/ Private Sector 4 hour workshop to finalize the prospective with the participation of a key public and private sector attendees
 3. Provide a short paper with recommendations/considerations and prospective of best practices for public and private sectors to obtain a zero carbon economy