



U.S. DEPARTMENT OF  
**ENERGY**

Fossil Energy and  
Carbon Management



## REGIONAL CARBON CONVERSION PROCUREMENT GRANT PROGRAM APPLICANT EDUCATION WORKSHOPS

Southeast:

**August 30<sup>th</sup>, 2022**

**Location:** UT Research Park at Cherokee Farm  
Institute of Advanced Materials & Manufacturing  
2641 Osprey Vista Way  
Knoxville, TN

- |                         |   |
|-------------------------|---|
| <b>9:00 – 9:10 am</b>   | <b>USEA/U.S. Department of Energy (DOE) Introductory Remarks</b>  |
| <b>9:10 – 9:30 am</b>   | <b>Importance of Carbon Capture &amp; Conversion to Decarbonization</b><br>Mark Ackiewicz, Director – Office of Carbon Management<br>Technologies, U.S. Department of Energy Office of Fossil Energy and<br>Carbon Management |
| <b>9:30 – 10:00 am</b>  | <b>DOE Remarks on Societal Considerations and Impacts</b><br>Christy Veeder, PhD, Senior Advisor, Office of Energy Jobs, U.S.<br>Department of Energy   |
| <b>10:00 – 10:30 am</b> | <b>Carbon Conversion processes/technologies</b><br>Joseph Stoffa, Ph.D., National Energy Technology Laboratory (NETL)<br>Technology Manager   |
| <b>10:30 – 10:45 am</b> | <b>Break</b>  |
| <b>10:45 – 11:15 am</b> | <b>Carbon Conversion: IJJA initiatives and grants</b><br>Amishi Claros, Carbon Conversion Program Manager, U.S.<br>Department of Energy Office of Fossil Energy and Carbon<br>Management, Office of Carbon Management         |
| <b>11:15- 12:10 pm</b>  | <b>Technology &amp; SCI Discussion</b>  |
| <b>12:10 – 1:10 pm</b>  | <b>Lunch <u>on Your Own</u></b>   |

- 1:10 – 1:30 pm**      **Techno-economic (TEA) analysis**  
Gregory Hackett, Ph.D., Technical Portfolio Lead – Solid Oxide Fuel Cells, Research and Innovation Center, National Energy Technology Laboratory (NETL)
- 1:30 – 1:50 pm**      **Life Cycle (LCA) analysis**  
Matt Jamieson, Senior Life Cycle Analyst, National Energy Technology Laboratory (NETL)
- 1:50 – 2:40 pm**      **Roundtable discussion**
- 2:40 – 3:00 pm**      **Break**
- 3:00 – 4:20 pm**      **Regional Highlights/Opportunities**
- CCUS Opportunities for CO<sub>2</sub>-Derived Carbon Nanostructures via Molten Carbonate Electrolysis**  
David Wood, Ph.D., Director of Engineering, SkyNano
- Semplastics' Carbon Conversion Opportunities**  
Bill Easter, Chief Executive Officer, Semplastics
- ORNL's View of the Regional Carbon Conversion Landscape**  
Michelle Kidder, Ph.D., Senior Research Staff – Manufacturing Science Division, Energy Science and Technology Directorate, Oak Ridge National Laboratory
- National Partnership Opportunities for Regional Stakeholders**  
Erik Funkhouser, Managing Director – Carbontech Development Initiative, Columbia University
- 4:20 – 4:35 pm**      **Conclusion/End Meeting**

\* Please note, that in-person events located in areas designated by the CDC as high-risk for Covid-19, the Department requires the wearing of protective masks.