



U.S. DEPARTMENT OF
ENERGY

Fossil Energy and
Carbon Management



REGIONAL CARBON CONVERSION PROCUREMENT GRANT PROGRAM APPLICANT EDUCATION WORKSHOPS

Midwest:

October 18th, 2022

Location: RENAISSANCE MINNEAPOLIS HOTEL, THE DEPOT
225 3RD AVENUE SOUTH, MINNEAPOLIS, MN 55101

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| 9:00 – 9:10 am | USEA/U.S. Department of Energy (DOE) Introductory Remarks |
| 9:10 – 9:30 am | Importance of Carbon Capture & Conversion to Decarbonization
Amishi Claros, Carbon Conversion Program Manager, U.S. Department of Energy Office of Fossil Energy and Carbon Management, Office of Carbon Management |
| 9:30 – 10:00 am | DOE Remarks on Societal Considerations and Impacts
Holly Buck, Ph.D., U.S. Department of Energy Office of Fossil Energy and Carbon Management, Office of Strategic Planning, Analysis and Engagement |
| 10:00 – 10:30 am | Carbon Conversion processes/technologies
Joseph Stoffa, Ph.D., National Energy Technology Laboratory (NETL) Technology Manager |
| 10:30 – 10:45 am | Break |
| 10:45 – 11:15 am | Carbon Conversion: IIJA initiatives and grants
Aaron Fuller, Ph.D., Carbon Conversion Program Engineer, U.S. Department of Energy Office of Fossil Energy and Carbon Management, Office of Carbon Management Technologies, Division of CO ₂ Removal and Conversion |

- 11:15- 12:10 pm Technology & SCI Discussion**
- 12:10 – 1:10 pm Lunch on Your Own**
- 1:10 – 1:30 am Techno-economic (TEA) analysis**
 Gregory Hacket, Ph.D., Systems Engineer – Solid Oxide Cells, Carbon Capture/Conversion, Strategic Systems Analysis and Engineering, 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 – 4:45 pm Regional Highlights/Opportunities**
- Embodied Carbon in Minnesota**
 Richard Graves, Director and Associate Professor, Center for Sustainable Building Research, University of Minnesota
- Great Plains Institute's Carbon Management Initiatives**
 Jill Syvrud, Program Manager, Carbon Management, Great Plains Institute
- Cool Soils: the Minneapolis Biochar Initiative**
 Jim Doten, MS, PG, CEP, Carbon Sequestration Program Manager, City of Minneapolis – Health
- Carbon Conversion Activities-Argonne National Laboratory**
 Rajeev Surendran Assary, PhD, Group Leader and Senior Scientist UChicago CASE, Materials Science Division, Joint Center for Energy Storage Research (JCESR), Consortium for Computational Physics and Chemistry (CCPC)
- Carbon Utilization and Project Synergies at the ISTC**
 Ryan Larimore, Assistant Research Scientist & Project Engineer, Illinois Sustainable Technology Center (ISTC)
- 4:45 – 5:00 pm Conclusion/End Meeting**

* Please note, in gatherings where social distancing is impossible, the Department encourages wearing a protective mask (N95 or similar).