



# Closing DOE/NETL 45Q Carbon Oxide Conversion LCA Training Workshop

Greg Cooney – DOE Office of Carbon Management, Policy & Analysis  
July 17, 2024



U.S. DEPARTMENT OF  
**ENERGY**

Fossil Energy and  
Carbon Management



Fossil Energy and  
Carbon Management



# Resources: NETL 45Q LCA Guidance Toolkit

 <p><b>45Q ADDENDUM TO THE CO2U LCA GUIDANCE DOCUMENT</b></p> <p>Summary of modifications to the CO2U Guidance Document to be used to meet 26 CFR part 1, Section 1.45Q-4 carbon oxide tax credit</p>	 <p><b>NETL CO2U LCA DOCUMENTATION SPREADSHEET</b></p> <p>Excel file that can be used to document data when not using openLCA</p>	 <p><b>FREQUENTLY ASKED QUESTIONS AND ADDITIONAL RESOURCES</b></p>
 <p><b>NETL CO2U OPENLCA LCI DATABASE VERSION 2.1</b></p> <p>openLCA database that includes NETL unit process data and an example 45Q LCA</p>		 <p><b>ADDITIONAL QUESTIONS?</b></p> <p>Additional Questions should be directed to <a href="mailto:LCA45Q@hq.doe.gov">LCA45Q@hq.doe.gov</a></p>
 <p><b>OPENLCA CONTRIBUTION TOOL</b></p> <p>Excel template that translates openLCA results into required charts</p>	 <p><b>NETL 45Q LCA REPORT TEMPLATE</b></p> <p>Word report template for summarizing data and results</p>	<p><b>NETL ADDITIONAL DOWNLOADS</b></p> <p> <i>Patches, Archives, and Version History</i></p>

## New Enhancements:

1. Standard comparison system data
2. Updated guidance document
3. DOE technical review checklist
4. Example reports/models (forthcoming)

<https://netl.doe.gov/LCA/CO2U/45Q>



# 2024 FECM/NETL Carbon Management Research Project Review Meeting

- August 5-9, 2024 – Pittsburgh, PA
- Knowledge and insights gained by more than 150 Department of Energy-sponsored research and development (R&D) projects
- Spanning all carbon management equities
- Open to the public
- USEA Carbon Management Technology Showcase
- <https://netl.doe.gov/events/24CM>



# Contact

**DOE UPGrants:** [UPGrants-vendors@netl.doe.gov](mailto:UPGrants-vendors@netl.doe.gov)

**DOE 45Q LCA:** [lca45q@hq.doe.gov](mailto:lca45q@hq.doe.gov)

**IRS 45Q:** [lbi.eef.45qlca@irs.gov](mailto:lbi.eef.45qlca@irs.gov)