

Carbon Management Solutions



You can't reduce or monetize what you don't measure.

Evolving clean energy regulations have life-cycle analysis (LCA) as their foundation. They require an accurate measurement of carbon usage and greenhouse gas emissions from "cradle to grave" and across Scope 1, 2, and 3 emissions.

Our LCA team is led by Zhichao Wang, Ph.D., P.E., who conducts research in the conversion of various feedstocks into bioenergy and establishes carbon intensity values through LCA modeling.

Whether you are evaluating the carbon intensity of your biofuel or the carbon footprint at a business, government institution, or municipality, we have the right strategies and solutions to help you reach your carbon management goals.

Regulations that Require LCA:

- United States Renewable Fuel Standard (RFS)
- California Low Carbon Fuel Standard (LCFS)
- Oregon Clean Fuels Program (CFP)
- British Columbia Renewable and Low Carbon Fuel Requirements (RLCFR)
- European Union Institute for Sustainability and Carbon Certification (ISCC)
- RenovaBio

LCA Proficiencies:

- CA-GREET 3.0
- GREET
- GHGenius
- BioGrace
- ISO

Over 300 carbon life-cycle assessments completed since 2015.

ZHICHAO WANG, PH.D, P.E., Team Lead,
zwang@ecoengineers.us, 515.985.1278.

