

A product's environmental footprint is a factor that determines its marketability. The smaller the footprint, the greater the marketability. The most comprehensive way to measure the environmental footprint of a product or a process is to conduct a life-cycle assessment (LCA) of its environmental impacts. An LCA is a "cradle-to-grave" approach that evaluates all the major activities in the course of the product's life span, from the raw material acquisition required to manufacture the product, to its use, its maintenance, and its final disposal. An LCA provides a comprehensive picture of the true environmental trade-offs in product and process selection and gives companies a tool to differentiate themselves from the crowd.

EcoEngineers has deep experience with LCA tools. We have helped fuel producers and feedstock suppliers prepare or improve their processes, lower their environmental footprint, and submit winning pathway petitions.

REET (Greenhouse gases, Regulated Emissions, and Energy use in Transportation) is an LCA model developed by Argonne National Laboratory to fully evaluate the energy and emission impacts of advanced vehicle technologies and new transportation fuels. The California Air Resources Board developed the CA-REET model, which is the official tool to evaluate the carbon intensity of renewable transportation fuels under California's Low Carbon Fuel Standards (LCFS) program. At EcoEngineers, we hold proficiency in all the current LCA modeling tools including REET, CA-REET 3.0, GHG Genius, and Biograce.

LCA services

- Customized LCA Consulting
- California LCFS LCA Consulting
- Oregon Clean Fuels Program (CFP) LCA Consulting
- British Columbia LCA Consulting
- Europe Renewable Energy Directive (RED) LCA Consulting
- Efficient Producer Pathway Petitions (EP3) LCA Consulting
- Feasibility LCA Consulting



For more information about any of our services or for regulatory assistance, contact:
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