

Our LCFS Verification Ready program offers a half-day on site workshop where our regulatory experts download LCFS verification requirements complete with checklist, workbooks, and a template set for designing your facility specific LCFS Compliance Monitoring Plan. EcoEngineers will provide ongoing consulting support post workshop to guide you through to monitoring plan completion and perform pre-verification audits to prove out your LCFS verification readiness. Our portfolio of LCFS verification services may be combined into a single workshop or acquired on an individual basis based upon your needs.

**LCFS Verification Compliance & Reporting: Now is not too soon to get started to ensure the readiness of your team!**

## 1 | LCFS CA-GREET 3.0 Modeling

- CA-GREET 3.0 available Q4 2018
- Some fuel types may see carbon intensity benefits with CA-GREET 3.0
- All applicants must have new 3.0 update completed by 2021

## 2 | LCFS Verification Workshop

- Workshop curriculum to include LCFS 101, LCFS verification 101, market dynamics, CA-GREET 3.0 and Carbon Intensity tracking and Monitoring Plan template overview
- On-site training and education workshop on program requirements
- Conduct discovery call prior to workshop to identify client specific need for knowledge
- Post workshop regulatory guidance included to support monitoring plan completion

## 3 | LCFS Monitoring Plan

- Provide Compliance Monitoring Plan template compliant with LCFS verification requirements
- Regulatory guidance on plan development per 95491.1
- Regulatory guidance on development of compliance protocols, as needed
- Monitoring Plan Completion by Jan 1, 2020

## 4 | LCFS Pre-Verification Audit\*

- Review existing protocols for LCFS verification compliance
- Evaluate facility processes and data collection systems
- Audit report with findings and recommendations
- Follow-up meeting to review audit report and provide guidance on Monitoring Plan
- Re-evaluation of compliance protocols and Monitoring Plan after findings and recommendations addressed

\*A fully developed Compliance Monitoring Plan is required for pre-verification audit

## 5 | CI Tracking Expert

- Expert training on CARB Tier 1 Calculator
- Review and confirmation of CI score tracking by LCA expert
- Site specific Life Cycle Analysis consulting

### For immediate assistance contact:

Kathy MacBeth | Director of Sales & Marketing | 515.985.1268 | [kmacbeth@ecoengineers.us](mailto:kmacbeth@ecoengineers.us)



Zhichao Wang, Ph.D. Ag. & Env. Engineer/Carbon Analyst | Natasha Beilstein, Regulatory Consultant  
John Sens, Senior Regulatory Consultant | Anh Tran, Compliance Specialist/ Chemical Engineer

EcoEngineers has developed a comprehensive approach to getting you and your compliance team ready for LCFS verification compliance and reporting. Our LCFS regulatory expertise combined with our experience in designing effective training and education programs make our team of experts the winning combination to get you LCFS Verification Ready.

### **Dr. Zhichao Wang | Ag. & Environmental Engineer/Carbon Analyst**

Dr. Zhichao Wang is an agricultural/environmental engineer and carbon analyst with more than 15 years of experimental and modeling research experience focused on renewable energy production and waste treatment and management. Dr. Wang holds deep expertise in life cycle analysis tools including his work helping to develop GREET 1.0 during his engagement with Argonne Laboratories and continued work with GREET and CA-GREET. Dr. Wang has successfully completed over 90 LCFS pathway applications and is currently working to help biofuel producers transition from CA-GREET 2.0 to CA-GREET 3.0

### **John Sens | Senior Regulatory Consultant**

Mr. Sens is a Senior Regulatory Consultant at EcoEngineers and LCFS program subject matter expert. John assists biofuel producers, with pathway application strategies, adherence to regulations, and successfully performing the following project tasks: AFP registration, Tier 1 and 2 pathway applications, LRT registration, reporting and verification. Together with Dr. Wang, John has successfully completed over 90 LCFS pathway applications to date.

### **Natasha Beilstein | Regulatory Consultant**

Ms. Beilstein is a Regulatory Consultant at EcoEngineers responsible for assisting clients with regulatory compliance issues related to the California Low Carbon Fuel Standard (LCFS) and Federal Renewable Fuel Standard (RFS). Natasha contributes detailed research and develops sound compliance strategies for biofuel producers and municipalities participating in the LCFS and RFS programs.

### **Anh Tran | Compliance Specialist/ Chemical Engineer**

Ms. Tran is a compliance specialist and chemical engineer at EcoEngineers and is responsible for managing client relationships, collaborating with Dr. Wang to support life cycle analysis project work, maintaining RFS and LCFS regulatory expertise, and interacting with regulatory bodies to support project work. Ms. Tran also assist with engineering tasks that include completion of technical reports, performance of CA-GREET Tier I model development and other life cycle analysis work as assigned.