Mid-sized automotive fuel refiners can increase net revenues by more than $60 million/year using our product to:

- Produce more premium-grade fuel to address growing demand
- Blend-up lower grades to salable products
- Increase efficiency of reformer operation
- Reduce the volume of crude oil purchased.

All of this is possible while still meeting regulatory mandates (Renewable Fuel Standard, Low Carbon Fuel Standard, and California Air Resources Board programs) with cellulosic biofuel RINs.
WE ARE SEEKING STRATEGIC PARTNERSHIPS AND COOPERATIVE RESEARCH AND DEVELOPMENT

- Methanol producers targeting the U.S. fuel market, and looking to increase demand and value of their product
- Syngas producers targeting a high-value product from gas-to-liquids technology
- Renewable feedstock providers (biomethanol, biosyngas, biogas) looking to capitalize on RINs with a non-oxygenate product
- Refiners seeking a low- or no-capital source of high-value octane, and those looking to meet regulatory volume mandates
- Automotive original equipment manufacturers looking to leverage high octane gasoline to meet Corporate Average Fuel Economy standards.

CONTACT US to discuss how our technology can address your needs
Daniel Ruddy, Jesse Hensley, Joshua Schaidle
303-384-6322, HighOctane@nrel.gov

NREL’s catalytic carbon transformation research is supported by the U.S. Department of Energy (DOE), Energy Efficiency and Renewable Energy (EERE), Bioenergy Technologies Office (BETO).