

Biomass Research

Working with Us

NREL offers industry, universities, and other government agencies opportunities to leverage NREL's research expertise. Working with outside organizations is the key to moving advanced biofuel and biochemical technologies into the market. We provide opportunities to develop technology partnerships, license our technologies, and use our facilities. Learn about working with NREL's Biomass Program and the National Bioenergy Center (NBC) (www.nrel.gov/biomass/workingwithus.html).

Partnering with NREL

Interaction with outside partners is key to moving biomass technologies into the marketplace and the U.S. economy. A Technical Service Agreement (TSA) with NREL is easy to initiate, carries low risk for your organization, and is an effective way to gain the value of experience that a national laboratory can provide. There are a variety of ways to get involved with NREL's biomass research activities:

- 1 Work collaboratively with NREL through Cooperative Research and Development Agreements (CRADAs).
- 2 Partner in biomass research through solicitations, Funding Opportunity Announcements, and requests for proposals.
- 3 Fund NREL to conduct research and development in areas of your interest through Work-for-Others Agreements (WFOs).
- 4 Establish Agreements for Commercializing Technology (ACT) in which a partner seeks technical services to complete a project.

NREL is a national laboratory of the U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy, operated by the Alliance for Sustainable Energy, LLC.



Industry partners with NREL. NREL 20213.

Capabilities

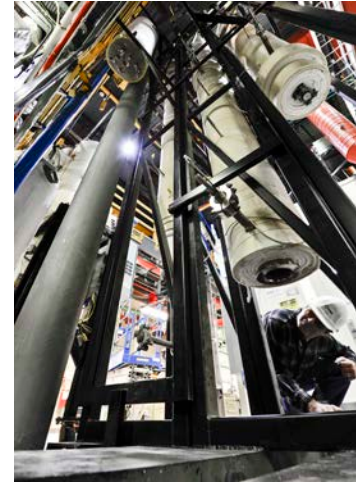
NREL biomass researchers and scientists have strong capabilities in many facets of biomass technology that support the cost-effective conversion of biomass to biofuels—capabilities that are in demand:

- Biomass characterization
- Compositional analysis
- Biochemical & thermochemical conversion
- Chemical and catalyst science
- Integrated biorefinery processes
- Microalgal biofuels
- Biomass process and sustainability analyses

For more about biomass core capabilities visit: www.nrel.gov/biomass/capabilities.html.

Using Our Facilities

Through the support of the U.S. Department of Energy, NREL has extensive, state-of-the-art facilities for conducting biomass research, including user facilities for converting renewable feedstocks into a variety of products including transportation fuels and chemicals. Learn more about NREL's biomass facilities by visiting www.nrel.gov/biomass/facilities.html.



The newly installed recirculating regenerating reactor system in the thermochemical pilot plant at NREL's Field Test Laboratory Building. *NREL 25486*.

Contact Us

Please contact us if you would like to explore collaboration opportunities with NREL's Biomass Program. **Contact Rich Bolin**, phone: 303-384-7716, e-mail: richard.bolin@nrel.gov. For online information about all the topics discussed above, please visit: www.nrel.gov/biomass/workingwithus.html.

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