



Directed Funding Opportunity Results
06/04/2018

Feedstock-Conversion Interface Consortium Announces New Projects

The Feedstock-Conversion Interface Consortium (FCIC) announced that seven projects have been pre-selected for award negotiations under the recent \$8M Directed Funding Opportunity (DFO).*

FCIC is a collaborative network of eight national laboratories dedicated to addressing technical risks and understanding how biomass properties influence collection, storage, handling, preprocessing, and conversion technologies with the goal of improving the overall operational reliability of biorefineries. The consortium matches industrial technology development teams with expertise and equipment that reside at DOE's national laboratories.

Working with industry and external stakeholders, the DFO focuses on research and development (R&D) to understand the root causes of feed handling failures and develop technologies to increase the on-stream operational reliability of lignocellulosic biorefineries.

The following major industry partners and the FCIC National Laboratories (Lead Lab) will work together on the seven pre-selected projects:

1. Fulcrum BioEnergy, Inc. and Idaho National Laboratory
2. Red Rock Biofuels and Idaho National Laboratory
3. Wonderful Renewable Energy and National Renewable Energy Laboratory
4. Vermeer and Idaho National Laboratory
5. Idaho Forest Group and Idaho National Laboratory
6. Jenike & Johanson and Los Alamos National Laboratory
7. Sierra Energy and Idaho National Laboratory

These two-year projects will leverage the expertise and relationships between national laboratories, industry and BETO leadership to achieve the FCIC goal of performing fundamental research and development to overcome technical risks in biomass supply, preprocessing and conversion processes and enable the overall operational reliability improvement of biorefineries.

Better understanding of desired biomass specifications will enable effective handling strategies and may lead to greater predictability in conversion performance and improvement in process economics for industrial lignocellulosic biorefineries.

* Pre-selection for award negotiations does not constitute a commitment from FCIC to issue an award or to issue an award in the full amount requested. Final decisions will be made after these pre-selected projects pass the negotiation process.