



Register Now for the 2013 Project Peer Review!

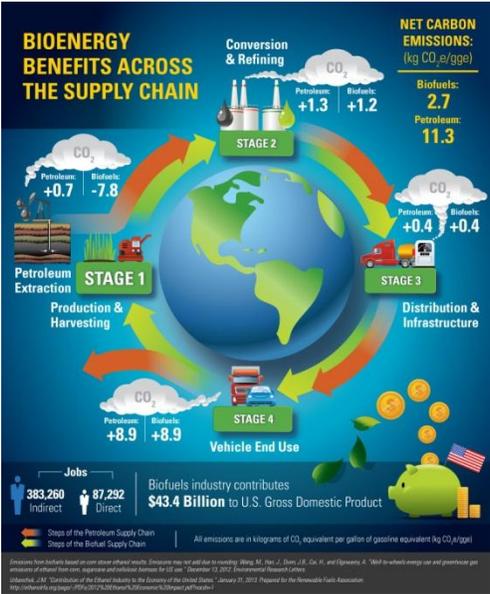
On May 20–23, 2013, the Bioenergy Technologies Office (BETO) will host its 2013 Project Peer Review at the Hilton Mark Center in Alexandria, Virginia. Attending the Peer Review provides an excellent opportunity to learn about new shifts in BETO’s research focus; observe hundreds of technical presentations on cutting-edge bioenergy research; and meet with DOE staff, business executives, national laboratory and university scientists, and other leaders in the field of bioenergy research.

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At the Project Peer Review, 47 external subject-matter experts from industry, academia, and federal agencies will review presentations on approximately 217 projects in BETO’s research, development, demonstration, and deployment portfolio. This event is open to the public free of charge and will include seven simultaneous review sessions within nine key technology areas. In addition, general session plenary events will feature high-level overview presentations of key technology areas and highlight cross-cutting programmatic topics. To register, or for more information, please visit the [Peer Review Portal](#).

Bioenergy Benefits across the Supply Chain



BETO is celebrating Earth Day this month by showing the positive impact that the biomass industry has on our planet every year. In addition to reducing overall greenhouse gas emissions in comparison to traditional petroleum product use, the bioenergy industry contributed \$43.4 billion to the U.S. gross domestic product in 2012. The industry also created 87,292 direct jobs and more than 86,000 indirect jobs. Check out the [Bioenergy Technologies Office Blog](#) for more on the infographic, and visit the [Sustainability Web page](#) to learn about BETO's efforts to ensure sustainability throughout the bioenergy supply chain.

National Labs Release New Biochemical Biorefinery Sizing Study

The National Renewable Energy Laboratory, Oak Ridge National Laboratory, Idaho National Laboratory, and Argonne National Laboratory have released a joint study on biochemical biorefinery sizing. "Investigation of biochemical biorefinery sizing and environmental sustainability impacts for conventional bale system and advanced uniform biomass logistics designs," which appeared this month in *Biofuels, Bioproducts and Biorefining*, examines issues around biorefinery capacity, life-cycle assessment, sustainability, and reliable feedstock logistics. Please read the [full paper](#) for more information.

In the Spotlight: Brian Duff

Brian Duff, the BETO Program Manager for Demonstration and Deployment, is in the spotlight this month as part of our video series featuring Office staff. Watch [Episode 6](#) of the Office's Staff Spotlight series to hear Brian discuss the integrated biorefinery subprogram.

Did you miss the first 5 episodes? Watch them on the [Bioenergy KDF's YouTube channel](#).

BioBlogs

In April, the [Bioenergy Technologies Office Blog](#) featured a post on the Argonne National Laboratory [Institute for Atom-Efficient Chemical Transformations'](#) (IACT's) revolutionary research and development work on catalytic conversion processes. IACT's efforts seek to address the challenge of creating a stable metal catalyst that can withstand long-term use. The Institute's solution is a metal overcoating process, which protects the catalyst, enabling cost-efficient chemical conversion. As IACT transitions its research into applied testing on true biomass products, the Institute will facilitate knowledge transfer to commercialized applications in years to come. Read the [full post](#) to learn more.

Past and Upcoming Events with Bioenergy Office Representation

- [The United States Export-Import Bank Annual Conference](#); April 4–5, 2013; Travis Tempel; Washington, D.C.
- [International Biomass Conference & Expo](#); April 8–10, 2013; Elliott Levine; Minneapolis, Minnesota
- [Advanced Biofuels Leadership Conference](#); April 15–17, 2013; Zia Haq; Washington, D.C.

- [Bioenergy Deployment Consortium 2013 Spring Symposium](#); April 23, 2013; Neil Rossmeissl; Greensboro, North Carolina (virtual presentation)
- [BIO International Convention](#); April 22–23, 2013; Zia Haq; Chicago, Illinois
- [The 35th Symposium on Biotechnology for Fuels and Chemicals](#); April 29–May 2, 2013; Steve Thomas, Katy Christiansen; Portland, Oregon
- [2013 BETO Project Peer Review](#); May 20–23, 2013; Various Staff; Alexandria, Virginia
- [2013 International Energy Agency Bioenergy ExCo](#); May 21–24, 2013; Paul Grabowski; Cape Town, South Africa
- [Global Bioenergy Partnership 4th Working Group on Capacity Building](#); May 29–30, 2013; Kristen Johnson; Berlin, Germany
- [GTL North America](#); June 4–6, 2013; Kevin Craig; Houston, Texas
- [3rd International Conference on Algal Biomass, Biofuels and Bioproducts](#); June 16–19, 2013; Dan Fishman; Toronto, Canada
- [2013 Biotechnology Industry Organization \(BIO\) World Congress on Industrial Biotechnology](#); June 16–19, 2013; Joyce Yang; Montreal, Canada
- [Biomass 2013](#); July 31–August 1, 2013; Various Staff; Washington, D.C.
- [Natural Gas-Biomass to Liquids Workshop](#); September 3, 2013; Zia Haq; Chicago, Illinois

Upcoming Industry Events

- [Advanced Energy Conference](#); April 30–May 1, 2013; New York, New York
- [Ligna 2013](#); May 6–10, 2013; Hanover, Germany
- [International Conference on Energy & Environment](#); May 9–10, 2013; Porto, Portugal
- [Benposium](#); May 13–15, 2013; Houston, Texas
- [Second Annual eNERGy Conference](#); May 14–16, 2013; Warner Robins, Georgia
- [World Biomass Power Markets](#); May 15–17, 2013; Amsterdam, Netherlands

To view past Monthly News Blasts, visit the [Bioenergy Technologies Office's Newsletter page](#)