

ENERGY.GOV

Office of Energy Efficiency & Renewable Energy

Bioenergy Technologies Office



Monthly News Blast

July 2014

Biomass 2014 One Week Away



Join us July 29–30, for

[Biomass 2014:](#)

[Growing the Future](#)

[Bioeconomy](#), the

Bioenergy

Technologies Office's

(BETO) annual two-

day conference. We

are excited to announce a keynote address from [Dr.](#)

[Catherine Woteki](#), Chief Scientist and Under

Secretary for the U.S. Department of Agriculture's Research, Education, and Economics mission area.

Also, you won't want to miss the premiere of

Bioenergy: America's Energy Future following lunch

on day two! This short documentary film

showcases stories of bioenergy innovations across the biomass supply chain and the United States.

Join in the discussion on Twitter, Facebook, and

LinkedIn, with our conference hashtag,

[#Biomass2014](#).

Bioenergy Social Media and Multimedia Corner

KDF Social Media Outlets



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BETO-Funded Invention Wins R&D 100 Award

Oak Ridge National Laboratory (ORNL) researchers won an R&D Magazine R&D 100 award this month for their BETO-funded invention of a new class of membranes that could help

reduce the price of bio-ethanol, ethanol-gasoline blend fuels, and drop-in fuels from bio-oil processing. The super-hydro-tunable HiPAS membranes act as an energy-efficient alternative to the distillation process by using a superhydrophobic or superhydrophilic surface to separate molecules. To learn more about the benefits of HiPAS membranes, check out this short [video](#). Read more in [ORNL's press release](#).

BETO Releases Updated Multi-Year Program Plan

Learn how the activities, missions, and goals of BETO are helping to meet the nation's energy challenges in the newly updated [Multi-Year Program Plan](#) (MYPP). The MYPP identifies the research, development, demonstration, and deployment activities that BETO will focus on over the next five years to achieve its goals.

National Alliance for Advanced Biofuels and Bioproducts (NAABB) Final Report Released

In 2010, the NAABB was formed to further understand the impacts of algae on overall biomass and liquid transportation fuel production. The consortium consisted of 39 partner institutions and primarily focused on feedstock supply, feedstock logistics, and conversion/production pathways. The NAABB recently released a [final report](#) detailing accomplishments and insights from the group. The full report consists of three sections: (1) NAABB background and organization, (2) main accomplishments, and (3) summaries of the component projects.

For more information, view the [presentation](#) that Dr. Jose Olivares of Los Alamos National Laboratory shared on June 11, 2014, as part of [BETO's webinar series](#).

BETO Releases Three Workshop Report Summaries

BETO works with a broad spectrum of industrial, academic, agricultural, and nonprofit partners across the United States to develop and deploy commercially viable, high-performance biofuels, bioproducts, and biopower from domestic renewable biomass resources to reduce our dependence on imported oil. To further its mission, BETO has held several workshops and released the following workshop reports:

- [Biomass Indirect Liquefaction Strategy Workshop Summary Report](#), July, 2014
- [Algal Biofuels Strategy Workshop Summary Report](#), June 2014
- [Demonstration & Deployment Workshop Summary Report](#), May 2014

BETO Blog: Bioeconomy

Biomass is renewable, grows almost everywhere, can provide fuel, power, chemicals, and is a major part of the U.S. economy. Currently, the bioeconomy—the economic, environmental, and social activities associated with the production and use of biomass-derived products—has a \$100 billion direct and indirect impact on the U.S. economy and is growing. Learn more in the [BETO Blog](#).

Past and Upcoming Events with Bioenergy Office Representation

- [Biomass Research and Development Technical Advisory Committee](#); June 5–6, 2014; Washington, D.C.
- [Process Integration and Carbon Efficiency Workshop](#); June 11–12, 2014; Lakewood, Colorado
- [4th International Conference on Algal Biomass, Biofuels and Bioproducts](#); June 15–18, 2014; Santa Fe, California
- [22nd European Biomass Conference and Exhibition](#); June 23–26, 2014; Hamburg, Germany
- [11th Renewable Energy Finance Forum Wall Street](#); June 25–26, 2014; New York, New York
- [2014 American Society of Agricultural and Biological Engineers Conference](#); July 13–16, 2014; Montreal, Canada
- [Biomass 2014: Growing the Future Bioeconomy](#); July 29–30, 2014; Washington, D.C.
- [TCS 2014: Symposium on Thermal and Catalytic Sciences for Biofuels and Biobased Products](#); September 2–5, 2014; Denver, Colorado
- Grand Opening of POET/DSM Facility; September 2, 2014; Emmetsburg, Iowa

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