



Briefing Notice

Building a Billion-Ton Bioeconomy

Tuesday, July 19, 2016

1:30 PM – 3:00 PM

1300 Longworth House Office Building

Please RSVP to expedite check-in: www.eesi.org/071916billion

Live webcast (connection permitting) will be streamed at: www.eesi.org/livecast

The **Environmental and Energy Study Institute** (EESI) invites you to a briefing assessing the ability of the United States to sustainably produce 1 billion tons of renewable non-food biomass every year. This could potentially displace more than 30 percent of the country's petroleum consumption. The briefing will focus on key findings from volume 1 of the **2016 Billion-Ton Update**, which examines the technical feasibility of a billion-ton annual biomass supply chain by 2040. The 2016 report, to be released at the [Bioenergy 2016 conference](#) in mid-July, builds and expands on previous *Billion-Ton* studies, released in 2005 and 2011 by the Department of Energy's Bioenergy Technologies Office (BETO).

The Administration's '**Billion-Ton Bioeconomy Vision**,' which aims to remove barriers to the sustainable scale-up of U.S. biomass resources while maximizing beneficial economic, social, environmental and public health outcomes, will also be discussed. Biomass resources play a key role in creating jobs and sustaining rural economic development in the United States. Domestic biomass resources can be used as fuels, chemicals and bio-products, reducing U.S. dependence on petroleum as well as lowering U.S. greenhouse gas emissions. Speakers for this forum are:

- **Dr. Alison Goss Eng**, Program Manager, Bioenergy Technologies Office, Office of Energy Efficiency and Renewable Energy, Department of Energy
- **Dr. Valerie Reed**, Senior Advisor, Bioenergy, Office of the Chief Scientist, USDA
- **Dr. Harry Baumes**, Director of the Office of Energy Policy and New Uses, USDA

The *2016 Billion-Ton Update* is a county-by-county resource assessment to determine whether a billion dry tons of diverse and sustainable biomass feedstocks can be produced annually in the United States (currently, biomass consumption hovers around 200 million dry tons). Such feedstocks include biomass resources such as grain and oil crops, agricultural residues, forestry residues from the forest products industry, purpose-grown energy crops and algae, as well as numerous wastes such as urban wood waste, waste oils and fats, manure, and municipal solid waste. New or expanded areas in the *2016 Update* are sections on algae resources, sustainability criteria and assessment (expected in volume 2 before the end of the year), and a robust cost analysis across the biomass supply chain.

The development of the '**Billion-Ton Bioeconomy Vision**' is led by the Biomass R&D Board, an inter-agency effort among seven agencies and the White House. The Biomass R&D Board recognizes that building a sustainable U.S. bioeconomy requires sustained collaborative and coordinated efforts between diverse stakeholders and sectors, including the agriculture and forestry industries, researchers, the financial industry, educators, state, local and federal lawmakers, and the general public.

This event is free and open to the public.

For more information, contact Jessie Stolark at jstolark@eesi.org or (202) 662-1885

