



**Biomass Research and Development
Technical Advisory Committee**

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Designated Federal Officer

Biomass R&D Act and Authorizations

- The Biomass R&D Act of 2000 established the Biomass Board, the Biomass R&D Initiative and the Biomass Technical Advisory Committee. The revised Biomass R&D Act outlines the Committee's objectives, membership requirements, and duties.

Objectives and scope of activities:

- A. Advise the points of contact with respect to the Biomass Initiative
- B. Evaluate and make recommendations in writing to the Biomass R&D Board regarding whether:
 - i. Funds authorized for the Initiative are distributed and used in a manner that is consistent with the objectives, purposes, and considerations of the Initiative;
 - ii. solicitations are open and competitive with awards made annually;
 - iii. objectives and evaluation criteria of the solicitations are clearly stated and minimally prescriptive, with no areas of special interest;
 - iv. the points of contact are funding proposals under this title that are selected on the basis of merit, as determined by an independent panel of scientific and technical peers predominantly from outside the Departments of Agriculture and Energy
 - v. activities under this title are carried out in accordance with this title.

Biomass Board - Federal Composition

- **The Board is a panel consisting of senior-level representatives from these agencies:**
 - Department of Agriculture: Co-Chair
 - Department of Energy: Co-Chair
 - National Science Foundation
 - Environmental Protection Agency
 - Department of Interior
 - Office of Science and Technology Policy
 - Department of Transportation
 - Department of Defense



Co-chair



Co-chair



Biomass R&D Initiative funds

- The Agricultural Act of 2014 (Farm Bill) reauthorized the Committee. The Initiative was also reauthorized, however the annual mandatory funding amount was cut to \$3M mandatory/year, except for 2018 where no mandatory funding was authorized. The 2018 Farm Bill reauthorized the committee, however no BRDi funds were provided.

BETO 2019 Multi-topic FOA

FOA Issue Date: 05/03/2019

Submission Deadline for Concept Papers: 06/03/2019

Submission Deadline for Full Applications: 07/22/2019

Submission Deadline for Replies to Reviewer Comments: 08/23/2019

Date for EERE Selection Notifications: 09/30/2019

Timeframe for Award Negotiations: October – November 2019

AOI Number	Area of Interest (AOI)
1	Cultivation Intensification Processes for Algae
2	Biomass Component Variability and Feedstock Conversion Interface
2a	Relating Biomass Physical and Chemical Characteristics to Feedstock Performance in Handling and Conversion Operations
2b	Impact of Storage and Handling on Biomass Characteristics
2c	Improving Economics and Development of Coproducts
3	Efficient Wood Heaters
4	Systems Research of Hydrocarbon Biofuel Technologies
5	Optimization of Bio-Derived Jet Fuel Blends
6	Renewable Energy from Urban and Suburban Wastes
7	Advanced Bioprocessing and Agile BioFoundry
7a	Advanced Bioprocessing
7b	Agile BioFoundry
8	Plastics in the Circular Carbon Economy
8a	Designing Highly Recyclable Plastics
8b	Designing Novel Methods for Deconstructing and Upcycling Existing Plastics
9	Rethinking Anaerobic Digestion
10	Reducing Water, Energy, and Emissions in Bioenergy

Other Items

- New Member Nominations/Submissions: Due 6/30
- Recently Published the Biomass R&D Initiative Implementation Framework
 - Can be found at BiomassBoard.gov
- Questions?