

## **Biomass Research and Development Technical Advisory Committee Accomplishments**

~~In~~ At its March 17, 2005 meeting, the Committee identified the need to evaluate its performance and progress. This document lists Committee accomplishments in alignment with ~~the~~ deliverables, identified ~~by the Committee,~~ in each of ~~its~~ ~~the Committee's~~ annual work plans. In addition, Committee responsibilities established by Title III, the Biomass Research and Development Act of 2000, Sec. 306, the Biomass Research and Development Technical Advisory Committee follow:

- 1) Advise the Secretaries of Energy and Agriculture, and points of contact, concerning
  - a. the technical focus and direction of requests for proposals issued under the Initiative; and
  - b. procedures for reviewing and evaluating the proposals
- 2) Facilitate consultations and partnerships among Federal and State agencies, agricultural producers, industry, consumers, the research community, and other interested groups to carry out program activities relating to the Initiative
- 3) To evaluate and perform strategic planning on program activities relating to the Initiative.

The Technical Advisory Committee accomplishments reported for each year are taken from various records, including meeting minutes, annual reports, and newsletters from the Office of Biomass Program's R&D Initiative.

### Biomass Research and Development Technical Advisory Committee Accomplishments

Annual Work Plan Deliverables	Accomplishments
2001	2001
<p>No Work Plan developed.</p>	<p>Prepared recommendations to Secretaries of Agriculture and Energy.</p> <ul style="list-style-type: none"> <li>- Biomass R&amp;D strategy regarding Biofuels, Biobased products, and Biopower.</li> </ul>
Annual Work Plan Deliverables	Accomplishments
2002	2002
<p>Create <i>Vision</i> and <i>Roadmap</i> documents to assist agencies in R&amp;D planning and solicitations.</p> <p>Perform portfolio &amp; opportunity analysis of Federal Biomass activities.</p> <p>Make recommendations to Secretaries of Agriculture and Energy.</p>	<p>Released <i>Vision for Bioenergy and Biobased Products in the United States</i>, a guidance document for the long-term role of Biomass in the U.S. Energy sector.</p> <p>Began development of <i>Roadmap for Biomass Technologies in the United States</i>, detailing R&amp;D needs.</p> <p>Began developing portfolio analysis of biomass R&amp;D performed in federal agencies comprising Interagency Board.</p> <p>Developed recommendations to the Secretaries of Energy and Agriculture:</p> <ul style="list-style-type: none"> <li>- Biomass R&amp;D strategy</li> <li>- Portfolio analysis progress</li> <li>- Recommendations to Board</li> </ul>
Annual Work Plan Deliverables	Accomplishments
2003	2003
<p>Perform R&amp;D portfolio analysis.</p> <p>Develop means for fostering consultations and partnerships between Federal and State agencies, agricultural producers, industry, consumers, the research community, and other interested groups.</p> <p>Make recommendations to Secretaries of Agriculture and Energy.</p>	<p>Released <i>Roadmap for Biomass Technologies in the United States</i>, detailing R&amp;D needs over the long-term.</p> <p>Reviewed Agriculture and Energy R&amp;D portfolios against <i>Vision</i>, <i>Roadmap</i>, and 2000 Biomass Act.</p> <p>Developed recommendations to Secretaries of Energy and Agriculture</p> <ul style="list-style-type: none"> <li>- Biomass R&amp;D strategy</li> <li>- Process and selections under joint solicitation</li> <li>- Investment in biomass development, program budget</li> <li>- Commercial incentive policies</li> <li>- Recommendations to Board</li> </ul>

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Annual Work Plan Deliverables	Accomplishments
<b>2004</b>	<b>2004</b>
Create <i>Vision</i> goal tracking process.  Develop matrix to track R&D progress.  Make recommendations to Secretaries of Agriculture and Energy: <ul style="list-style-type: none"> <li>- Regarding cellulosic ethanol, gasification, co-firing</li> <li>- Regarding hydrogen</li> <li>- Defining “biorefinery”</li> </ul>	Reviewed joint solicitation project results.  Reviewed history of biomass R&D <ul style="list-style-type: none"> <li>- Cellulosic Ethanol</li> <li>- Gasification</li> <li>- Co-firing</li> </ul> Discussed biomass R&D relationships to hydrogen R&D. <a href="#">Generated an official statement on biomass to hydrogen.</a>  Made recommendations to Secretaries of Energy and Agriculture regarding: <ul style="list-style-type: none"> <li>- Process and selections under the joint solicitation</li> <li>- Technical topic areas, future R&amp;D under the joint solicitation</li> <li>- Committee’s position on hydrogen</li> </ul> Reviewed portfolio of DOE and USDA R&D as it relates to the <i>Roadmap</i> .  <a href="#">Created report by which to track <i>Vision</i> goal progress. Document is to be updated annually.</a>
Annual Work Plan Deliverables	Accomplishments
<b>2005</b>	<b>2005 (as of June 1, 2005)</b>
Perform matrix tracking of USDA, DOE Biomass R&D portfolios’ progress.  Revise <i>Vision</i> goals, review <i>Vision 2525</i> .  Make recommendations to Secretaries of Agriculture and Energy.	Agreed to method for tracking DOE & USDA R&D portfolio progress <a href="#">annually</a> .  Committee’s charter reestablished, without major changes.

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As detailed above, certain of the Technical Advisory Committee’s set tasks remain to be accomplished. These include:

- Facilitation of Federal-State consultations relating to the initiative (2000 Biomass R&D Act)
- Defining “Biorefinery” (2004 Work Plan)
- Facilitation of consumer consultations relating to the initiative (2000 Biomass R&D Act)