

Biomass Program Results

Introduction

As a public agency, the Biomass Program's progress is closely monitored by external organizations and by the program itself. The program's results are detailed in a wide range of documents and tools that can be accessed through the PIR website. Descriptions of these materials are provided on the following pages.

Progress Reports

Progress reports provide information on research that has been undertaken by the Biomass Program. These reports help monitor ongoing research efforts to determine if projects are meeting established goals. Reports provide detailed results of research activities as they occur.

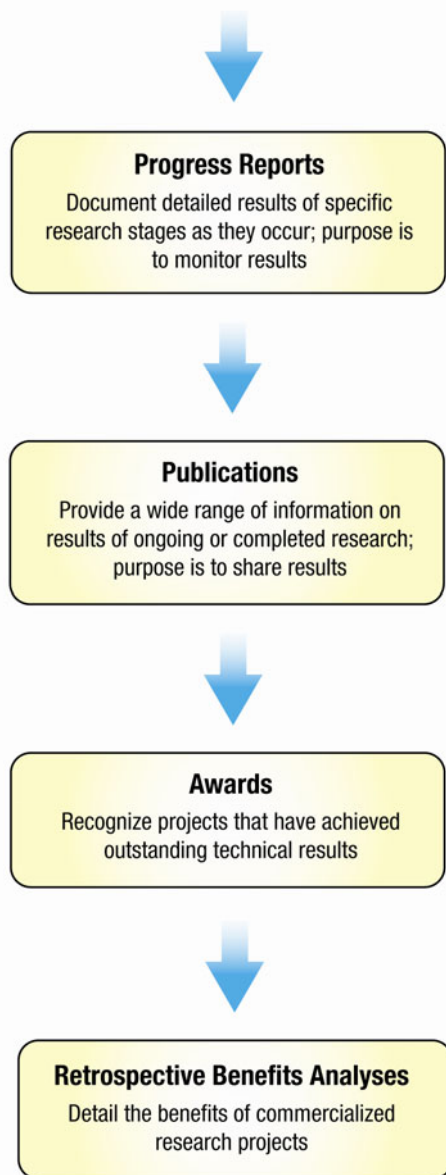
Progress reports include the annual *Biomass Program 2007 Accomplishments Report*. This document describes the program's progress in each of its platform areas, including Feedstock, Biochemical Conversion, Thermochemical Conversion, Integrated Biorefinery, and Infrastructure platforms. The 2007 report is available online at: http://www1.eere.energy.gov/biomass/pdfs/program_accomplishments_report.pdf.

The program's progress at the corporate level has been evaluated using the Office of Management and Budget's Program Assessment Rating Tool (PART). The PART looks at all factors that affect and reflect program performance including program purpose and design; performance measurement, evaluations, and strategic planning; program management; and program results. The information on the Biomass Program PART is available at <http://www.whitehouse.gov/omb/expectmore/detail/10003400.2005.html>.

In its annual Government Performance Results Act (GPRA) report, the program provides its goals and results for three areas of program activity: Feedstock Infrastructure, Platforms Research and Development, and Utilization of Platform Outputs R&D. The GPRA targets and results for FY2003-FY2008 are located at http://www1.eere.energy.gov/ba/pba/docs/biomass_joule_results_fy08.doc.

Along with monitoring its own organizational and technical progress, the Biomass Program evaluates the progress of ethanol industry research. One example is the development of the report, *2007 Year in Review: U.S. Ethanol Industry - the Next Inflection Point*. This publication discusses the current state of

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the industry, the expected rise of advanced fuels, government contribution, public policy considerations, and ethanol company profiles. The report is available at <http://www1.eere.energy.gov/biomass/pdfs/2007ethanolreview.pdf>.

Publications

There are hundreds of publications that present Biomass Program results. These include press releases, case studies, success stories, and other documents that describe the status and results of the program and individual projects. Many of these publications can be accessed through the Biomass Document Database at http://www.afdc.energy.gov/biomass/progs/document_database.html. For quick access to popular publications, users can visit the site's Publication page at <http://www1.eere.energy.gov/biomass/publications.html>.

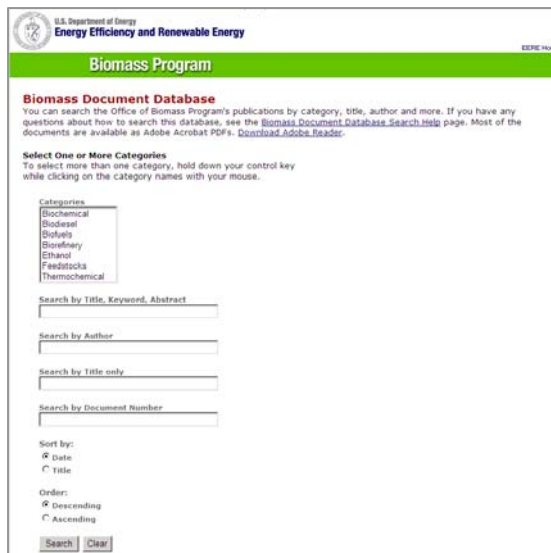
Awards

A number of projects funded by the Biomass Program have been recognized by the scientific community for their outstanding technical performance. Since 2000, three projects received the prestigious *R&D 100* Award for their innovation and commercial viability. A fourth project earned the Presidential Green Chemistry Challenge Award, which recognizes outstanding chemical technologies that incorporate the principles of green chemistry into chemical design, manufacture, and use. For additional information on program awards, visit the Biomass Program website at http://www1.eere.energy.gov/biomass/program_achievements.html.

Retrospective Benefits Analyses

Retrospective Benefits Analyses present the results of successful, commercialized research projects. Relevant Biomass Program projects have included the Integrated Corn Biorefinery, New Sustainable Chemistry for Adhesives, Elastomers and Foams, and Development of Improved Chemicals and Plastics from Oilseeds. Descriptions of these and other commercial successes can be found at: http://www1.eere.energy.gov/biomass/program_achievements.html.

Biomass Document Database



The screenshot shows the 'Biomass Document Database' search page. At the top, it features the U.S. Department of Energy logo and the text 'Energy Efficiency and Renewable Energy'. Below this is a green header bar with 'Biomass Program' in white. The main content area has a title 'Biomass Document Database' and a brief introduction. It includes a section for 'Select One or More Categories' with a list of categories: Biochemical, Biodiesel, Biofuels, Biorefinery, Ethanol, Feedstocks, and Thermochemical. There are four search input fields: 'Search by Title, Keyword, Abstract', 'Search by Author', 'Search by Title only', and 'Search by Document Number'. Below these are radio buttons for 'Sort by' (Date and Title) and 'Order' (Descending and Ascending). At the bottom of the search section are 'Search' and 'Clear' buttons.