



U.S. Department of Energy Energy Efficiency and Renewable Energy

Bringing you a prosperous future where energy
is clean, abundant, reliable, and affordable

Biomass Program

Energy from Biomass Research and Technology Transfer Program

The Consortium for Plant Biotechnology Research, Inc. (CPBR) is a non-profit corporation composed of companies and universities. The CPBR seeks to foster and facilitate promising basic research investigations that will lead to commercial applications of higher-value plants, new and improved plant products, and a safer environment.

The goal of CPBR's Energy from Biomass Research and Technology Transfer Program is to bring together industry, academe, and federal resources to conduct research in plant biotechnology and other biobased technologies that will: (1) improve the utilization of plants as energy sources; (2) reduce the cost of renewable energy production; (3) facilitate the replacement of petroleum by plant-derived materials; and (4) create an energy supply that is safer for the environment.

The CPBR brings together the resources of member organizations to address the problems and the future of U.S. plant-derived energy resources and plant-based energy industries through a program of industrially relevant, scientifically meritorious plant-related research.



Improved crops, such as corn, and other biomass feedstocks will enhance the economical viability of biobased products and bioenergy.

R&D Pathway

CPBR plans to hold a 2005 Bioenergy Research competition, with an emphasis on awards geared toward feedstock technology barriers. Companies will be involved early in the process so they will be ready to transfer emerging technologies from the laboratories to commercialization.

Congressionally Directed Management Project

Benefits

- Foster collaborative plant biotechnology research
- Accelerate the development of a domestic plant-based energy economy

Applications

Collaborative research efforts in plant biotechnology and other areas will accelerate the development of a domestic biobased economy.

Project Partners

Consortium for Plant Biotechnology
Research, Inc.

Project Period

FY 2002 – FY 2007

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Visit the Web site for the Office of the
Biomass Program (OBP) at
www.eere.energy.gov/biomass.html

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A Strong Energy Portfolio for a Strong America. Energy efficiency and clean, renewable energy will mean a stronger economy, a cleaner environment, and greater energy independence for America. Working with a wide array of state, community, industry, and university partners, the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy invests in a diverse portfolio of energy technologies.