

The Garbrook Advanced Biofuels Resource

Specifications

May 26, 2010

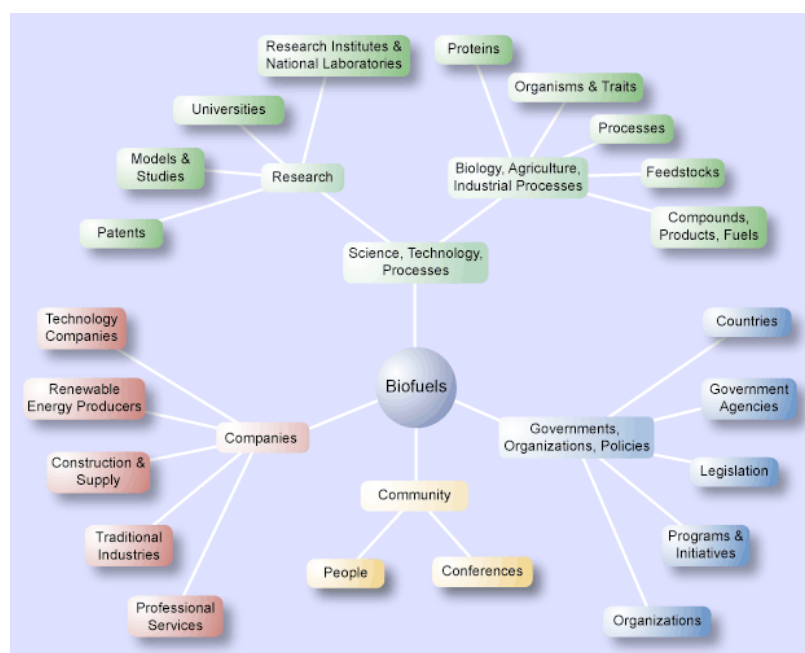
Overview

At Garbrook, we use a powerful combination of human expertise and advanced information technology to funnel, filter, and organize information. We are developing a KnowledgeBase to support analysis and decision-making for organizations and individuals requiring a clear understanding of scientific, technical, economic, and policy aspects behind complex commercial and societal issues. Our premier product and component of the KnowledgeBase, the Garbrook Advanced Biofuels Resource (ABR), is a unique web resource that pulls together disparate information from publicly available sources pertaining to a full range of Biofuels Industry topics.

Content

The ABR comprises Digital Pages that present comprehensive yet concise information from key topic areas in the global Biofuels Industry: Companies; Science, Technology, Processes; Governments, Organizations, Policies; and Community (see figure). We endeavor to capture as much information as is currently available, and we update the ABR daily.

Digital Pages are extensively cross-referenced, with up-to-date content presented in a uniform style and structure and linked to original sources.



Topics areas covered by the ABR. The ABR covers Companies in the Biofuels Industry, as well as topic areas in Science, Technology, Processes; Governments, Organizations, Policies; and the Biofuels Community.

- **Companies**

The first key category in any Garbrook Resource is Companies (*shown in red above*). The ABR contains details about key players in the Biofuels Industry. Digital Pages describe companies producing biofuels, as well as those supplying biomass, enzymes, organisms, technology, equipment, engineering and construction services, and financing to biofuels projects. The ABR puts special emphasis on emerging technologies and relationships between various companies.

- **Science, Technology, Processes**

The second key category in any Garbrook Resource is Science, Technology & Processes (*shown in green above*). The ABR contains detailed information about individual biofuel feedstocks, including the logistics of growing, harvesting, collecting, storing, and transporting them,

converting feedstocks to biofuels and other valuable coproducts, and ongoing research efforts in these areas. Digital Pages also describe the microorganisms and proteins involved in biofuel production, technologies used to produce biofuels, key traits being developed to improve biomass and biofuel yields, and important patents and studies pertaining to the Biofuels Industry.

- **Governments, Organizations, Policies**

The third key category in any Garbrook Resource is Governments, Organizations & Policies (*shown in blue above*). The ABR contains extensive information about critical social and legal issues pertaining to the Biofuels Industry. Digital Pages describe individual state, federal, and international legislation, incentives, and programs that pertain to policy, permitting, and the environment, as well as studies describing impacts of such social and legal issues. Digital Pages also contain information about international organizations involved in the Biofuels Industry, from international, federal, and state agencies to environmental and nonprofit organizations.

- **Community**

The ABR also presents details about the Biofuels Community (*shown in yellow above*). Digital Pages describe people involved in the Biofuels Industry, from scientists and economists to investors, politicians, and top management in companies. Digital Pages also describe international conferences and industry events covering topics critical to the Bioenergy Industry.

Tools

The ABR is easily navigable and fully searchable.

- **Navigate**

The interactive navigation tool guides subscribers through the ABR, helping them browse the main categories and delve deeper into topics or change direction to explore other areas.

- **Search**

The flexible search tool facilitates searches of the ABR content. Subscribers can search for keywords to identify and link to Digital Pages containing the information of interest.

- **Advanced Search**

The powerful advanced search tool enables subscribers to limit searches to specific topic areas in the ABR and browse search results by topic area.

Special Features

ABR subscriptions come with the following recent additions:

- **Daily Garbrook ABR Notification Email**

Subscribers receive our Daily Garbrook ABR Notification service through email. Daily Extracts provide easy access to the most important developments in the Biofuels Industry each day and are hyperlinked to the ABR to enable direct access to the relevant ABR pages. The Garbrook ABR Notification email also provides key Biofuels Industry metrics, links to the US Biodiesel and Ethanol Mega Tables and other ABR tools and features, and important Garbrook news.

- **Downloadable Mega Tables**

The ABR includes tabulated **Global Cellulosic**, **US Ethanol** and **US Biodiesel Plants and Projects** (Mega Tables). Online versions of the Mega Tables are hyperlinked to corresponding Digital Pages in the ABR. Expanded versions of Mega Tables can be downloaded as spreadsheets. Downloadable Mega Tables are available as formatted spreadsheets (.xls) or tab delimited text (.txt), with or without hyperlinks to the corresponding Digital Pages in the ABR.

Access

The ABR is a web-based software solution, accessible through an online subscription.