

**INFORMA ECONOMICS TO STUDY  
FEEDSTOCKS OF THE FUTURE:  
PROSPECTS FOR DEDICATED BIOFUEL CROPS**

The existing renewable fuels industry has been built on the use of traditional food and feed commodities. However, environmental sustainability, the food versus fuel impasse and other factors have driven renewable energy development and policy, particularly in the US and European Union, toward the development of dedicated biofuels feedstocks. The development of these second-generation feedstocks, including switchgrass, sweet sorghum, camelina, miscanthus, jatropha and algae, is substantially supported from strong public and private investment.

Evidence of this trend is observed in the flow of "smart money" into dedicated feedstock production, including the following:

- BP invested about \$160 million in jatropha, invested in cellulosic ethanol and, through Mendel Biotechnology, invested in miscanthus;
- Solazyme raised \$45 million to take its algae production process to commercial scale;
- The State of Tennessee committed \$70.5 million along with over \$140 million from DuPont Danisco Cellulosic Ethanol to construct a switchgrass biorefinery;
- Iogen received over \$130 million from Goldman Sachs, Shell, Volkswagen, Petro Canada and the Canadian government to operate a forest residue-based cellulosic ethanol refinery; and
- Range Fuels received over \$200 million from Passport Capital, Khosla Ventures, Pacific Capital, the Department of Energy, and others to develop wood residues and woody biomass ethanol.

Despite the investments already made, several challenges remain, particularly before the US mandate for 21 million gallons (500 million barrels) of advanced biofuels by 2022 can be reached. While traditional biofuels will continue to be an important component of a biofuels portfolio, feedstocks of the future will have far-reaching implications in the coming years. That is why Informa Economics, Inc. is undertaking a new multi-client study: *"Feedstocks of the Future: Prospects for Dedicated Biofuel Crops."*

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This study is both timely and vital for players across the agricultural, energy and transport value chains. The study will cover a range of alternative feedstocks and topics, including (1) the availability, prospects and timeframe of feedstock development; (2) economic models and relative competitiveness between and among feedstocks; (3) opportunities/risks to the agricultural, energy and transport supply chains; and (4) case studies of individual projects or companies.

Informa has formed a unique team of the company's executive-level consultants and economists to conduct this comprehensive study. To discuss the study and its benefits for your organization, contact Informa Senior Vice President and Project Director Juan Sacoto at (901) 766-4669 (or e-mail him at [juan.sacoto@informaecon.com](mailto:juan.sacoto@informaecon.com)). Also, a complete prospectus is available at Informa's Web site [www.informaecon.com](http://www.informaecon.com).

05-18-09

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*Informa Economics, Inc., a division of Informa plc, is a world leader in comprehensive agriculture, food industry, agribusiness and commodity research, information, analysis and consulting. With a core team of research analysts and consulting specialists, Informa Economics serves many of the world's leading agribusinesses. Headquartered in Memphis, Tennessee, the company has offices in Washington, D.C.; Grand Rapids, Michigan; St. Paul, Minnesota; and Winnipeg, Canada. It is the company's economic expertise and client base that combine to provide unique insights and strategic and long-term planning for agribusinesses around the world. For more information, visit the Informa Economics Web site at [www.informaecon.com](http://www.informaecon.com).*