

Next-Generation Biofuels: Steps Toward Commercial Viability

Spurred by environmental, political, and economic drivers to reduce greenhouse gas emissions and dependence on fossil fuels, the potential market for fuels based on organic matter has grown tremendously over the last few years. While this potential has not yet been realized on a large scale, the next generation of biofuels is already in development.

Today's advanced biofuels are characterized by rapid development and change. There is a race among the industry participants to see who will succeed in converting biomass to a transportation fuel faster and at lower cost.

This report gives a general overview and independent insights into the new technologies and the advantages and disadvantages associated with several materials and processes, including Fischer-Tropsch diesel, higher mixed alcohol fuels, cellulosic ethanol, and biosynthetic natural gas, among others. The report specifically examines transportation fuels made from lignocellulosic and agricultural waste biomass feedstock.

Why Buy this Report?

Ambitious biofuel targets set by governments and generous incentives are strongly boosting demand for biofuels for some applications in some countries. There are several challenges to developing a solution to meet this demand, however, including technology and infrastructure development and manufacturing economics.

This report summarizes some of the latest developments in the next-generation biofuels area and provides a qualitative overview of the market, the most important issues to consider, and the significant factors in supply and demand within the competitive landscape. The report also provides the viewpoint and recommendations of Kline's experts and:

- Discusses the advantages and disadvantages of various emerging biofuel technologies
- Identifies and explains the key drivers of demand that affect the market for biofuels
- Offers tactical advice and keys to success

Report Contents

The report is divided into the following sections:

- Kline Insights
- Factors Influencing the Business
- Keys to Success
- Regulatory Issues
- Biofuels with Economic Potential

Each report in the [Kline FlashPoint Series](#) explores an emerging industry issue or market development. Forward-looking and rich in insights and recommendations, they are designed to help executives develop timely strategies to maximize business opportunities.

Kline is a worldwide consulting and research firm dedicated to providing the kind of insights and knowledge that helps companies find a clear path to success. The firm has served the management consulting and market research needs of organizations in the chemicals, materials, energy, life sciences, and consumer products industries for nearly 50 years. For more information, visit www.KlineGroup.com.

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