

Biofuel Industry in the United States

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Abstracts

Biofuels are liquid, solid, or gaseous fuels derived from renewable biological sources. Biomass can be burned directly for thermal energy or converted to other high-value energy sources including ethanol, biodiesel, methanol, hydrogen, or methane. Currently, ethanol from corn grain and biodiesel are the only biofuels produced in the United States on an industrial scale.

Most of the four billion gallons of ethanol produced in 2005 came from 13% of the U.S. corn crop (1.43 billion bushels of corn grain). This represents a 17% increase from the 3.4 billion gallons produced in 2004. Ethanol is widely used as a fuel additive. The oxygen contained in ethanol improves gasoline combustibility. E10 (10% ethanol and 90% gasoline blend) is available from gas stations all over the United States E85 (85% ethanol and 15% gasoline blend) is available mainly in corn-producing states. E85 can be used as a substitute for gasoline in vehicles that have been modified to use this biofuel.

Aruvian's R'search brings an in-depth coverage for this industry in the United States in its latest research report – Biofuel Industry in the United States. This 100 page report looks at the basics of biofuels, the critical factors influencing demand and supply scenarios in the US, the regulatory policy initiatives in the US including a historical perspective on subsidies for ethanol and biodiesel, and the current and proposed production capacity of biofuels in the United States.

The report helps assess the feasibility of production of biofuels and the potential of biofuels in the US. Strategies undertaken by the US industry to make biofuels viable enough to deploy them to the pump are discussed in great details in the report. Twelve leading industry players are also explored in-depth in the report

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comprehensive coverage of the Biofuel Industry in the United States.

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