

Biofuels Global Markets & Technologies Outlook – 2010-2020

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This report examines the current and future biofuels market and technologies, based on economic, environmental, and political considerations. In particular, we forecast markets and technologies in two comprehensive scenarios:

A current "Oil-Peak" – Where the world's crude oil supply is unable to sustain demand for liquid fuels

A future "Oil-Peak"

The report analyses and predicts the evolution of technologies, markets and outlays (expenditures) for three generations of the most common biofuels (ethanol, biodiesel, and butanol) over the next ten years.

"Biofuels 2010-2020" provides industry, investors and government decision makers with the insight they need to anticipate the role green fuels will soon play in the global energy market. Readers will be able to evaluate investment opportunities, technologies, market evolution, and the competitive landscape to make informed decisions.

The report covers these biofuels:

- Corn and sugar-cane based ethanol
- Soy-bean based biodiesel
- Cellulosic ethanol ("grassoline") made from the tropical switchgrass miscanthus, and other plant-matter waste products (i.e. wood chips)
- Biodiesel produced from crops grown in saline, non-arable land
- Butanol from engineered microbes
- Biodiesel from algae-oil

The report identifies, analyzes and forecasts these topics:

- Technology shifts
- Geographic migration of production centers
- Market behavior under Oil-Peak and status quo conditions
- Consumers, producers shifts
- Food-vs.-Fuel debate

Our research shows that an "Oil-Pinch" or shortage scenario will:

- Accelerate development of 3rd generation biofuels (butanol and algae-oil)
- Yield a ~\$600 Billion world-wide market for biofuels
- Triple the biofuel market's size if crude oil production increases substantially
- Allow developing nations around the world to become major energy producers for the industrialized West

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