

# Analyzing the Biofuel Industry in India

<https://marketpublishers.com/r/A3A1E2EAA88EN.html>

Date: June 2011

Pages: 200

Price: US\$ 275.00 (Single User License)

ID: A3A1E2EAA88EN

## Abstracts

Biodiesel is a hot topic internationally as well as in India. Since the beginning of the 2000s, the Government of India and, to a greater extent, various state governments have promoted the production and consumption of biodiesel. Proponents of biodiesel point to the potential of oilseeds as a substitute for fossil fuels, underlining their ability to reduce India's energy dependency and bring down greenhouse gas emissions. They also highlight opportunities for greening the countryside and creating rural employment and income.

Critics claim that production of biodiesel will lead to food scarcity and seizure of common lands by corporate investors, putting livelihoods at risk. Some also question whether the life-cycle carbon balance, that is, the net carbon effect, taking inputs, transports and other side effects into account, is really positive.

Concrete policies with regard to biodiesel exist on the Union as well as on the state level. In September 2008, the Government of India adopted a National Biofuels Policy which aims at substituting 20% of transport diesel by 2017. This policy establishes demand-side incentives aimed at increasing the blending of biofuels, emphasizes the need for more and better coordinated research. It also pushes the government to encourage research and development, while aiding plantations, processing and production technologies including cellulosic biofuels.

To combat the rise in food prices debate, India also plans to give preference to homegrown biodiesels, mandating they come from non-edible oil seeds and be grown on waste, degraded or marginal lands. Biodiesel crops will not be allowed to grow on fertile, irrigated land, and the government plans to ban the import of free fatty acids, such as palm oil.

Additionally, a large number of centrally-sponsored schemes are used to promote

biodiesel plantations. Several states have furthermore adopted more or less coherent biodiesel policy packages of their own.

There is a lot happening in the field of biofuels in India, and to capture these, Aruvian's R'search brings you the complete guide to the Indian Biofuels Industry – Analyzing the Biofuel Industry in India.

The report begins with an analysis of the basic know-hows one needs to be familiar with before starting on the fascinating journey of discovering the biofuels industry in India. The economics of biofuels, issues facing the industry, regulatory barriers as well as incentives, technologies involved, major types of biofuels, and many other topics are discussed in depth at the starting of the report.

Divided into four sections, Aruvian's report then moves on to Section 2, which analyzes the Indian Energy Industry. From looking at the energy challenges facing the country to the rising demand for energy in the country, the section also takes a look at the various sectors of the energy industry such as oil, natural gas, coal, renewable energy, amongst others.

Section 3 is focused on the Indian Biofuels Industry. History of the industry's development through the years, the biofuel policy in India, the strategic implementation of the biofuel policy, and much more is discussed in the report.

Section 3 is also a complete analysis of the biodiesel and ethanol industry in India. Market overview, statistics, R&D profile, production, and end-use technologies are just some of the points focused on in the section.

The economics, prices and competitiveness of biodiesel and ethanol in India is also touched upon, along with the benefits of biodiesel and ethanol and the barriers facing the development of biofuels in India.

Section 3 also profiles the leading industry players (not many at this point), thus concluding the report.

Grab a copy of this report and get up-to-date on A to Z of the Indian Biofuels Industry.

## Contents

Executive Summary

Section 1: Understanding Biofuels

### **A. WHAT ARE BIOFUELS?**

- A.1 History of Biofuels
- A.2 Major Biofuels
- A.3 Uses of Biofuels
- A.4 What are Direct Biofuels?
- A.5 Looking at Biobutanol
- A.6 Looking at Ethanol & Biodiesel
  - A.6.1 Ethanol
  - A.6.2 Biodiesel
- A.7 Pros & Cons of Biofuels
- A.8 Future of Biofuels

### **B. ECONOMICS OF BIOFUELS**

- B.1 Feedstock Costs
- B.2 Processing Costs
- B.3 Cost of Sales & Use
- B.4 Overall Cost
- B.5 Retail Cost & Tax Incentives

### **C. IMPACT OF BIOFUELS**

- C.1 Policy Impact on Biofuels
- C.1 Environmental & Economic Impact of Biofuels
- C.1 Impact on Engines
- C.1 Impact on Rural Development

### **D. METAMORPHOSIS OF THE ENERGY INDUSTRY & BIOFUELS**

Section 2: Looking at India's Energy Industry

### **A. ENERGY IN INDIA**

*Analyzing the Biofuel Industry in India*

- A.1 Market Profile
- A.2 Current Scenario and Five Year Plans
- A.3 Issues & Challenges Facing the Energy Industry
- A.4 Analyzing the Indian Power Sector
  - A.4.1 Policy Initiatives
  - A.4.2 Integrated Energy Policy
  - A.4.3 Power Generation Performance
- A.5 Availability of Energy Resources
  - A.5.1 Power
  - A.5.2 Oil and Natural Gas
  - A.5.3 Renewable Energy Sources
- A.6 Trends in Energy Demand and Supply
  - A.6.1 Demand Trends
  - A.6.2 Power Transmission
  - A.6.3 Power Distribution
  - A.6.4 Plant Load Factor

## **B. ENERGY EFFICIENCY**

- B.1 Establishment of Bureau of Energy Efficiency (BEE)

## **C. EMISSIONS AND ENERGY**

- C.1 Clean Development Mechanism

## **D. INDIAN RENEWABLE SECTOR**

- D.1 India Committed to Renewable Energy
- D.2 Looking at Solar Power
  - D.2.1 Solar Thermal
  - D.2.2 Solar PV
  - D.2.3 Solar Passive
- D.3 Looking at Wind Power
- D.4 Looking at Hydro Power
- D.5 Looking at Biomass
- D.6 Looking at Geothermal Power
- D.7 Looking at Waste to Energy
- D.8 Five Year Plans for Renewable Energy

- D.8.1 10th Five Year Plan (2002-2007)
- D.8.2 11th Five Year Plan (2007-2012)
- D.9 Renewable Energy for Rural Applications
  - D.9.1 Rural Energy Program for 11th Plan
  - D.9.2 Renewable Energy for Urban, Industrial and Commercial Application
- D.10 Research, Design & Development in Renewable Energy
- D.11 Perspective Plan for Grid-Interactive Renewable Power

## **E. FUTURE OF ENERGY SOURCES IN INDIA**

- E.1 Renewable Energy
  - E.1.1 Wind Power
  - E.1.2 Solar Power
  - E.1.3 Other Renewables
- E.2 Indian Coal Industry
  - E.2.1 Lignite
  - E.2.2 Deep-Seated Coal Deposits
  - E.2.3 Underground Coal Gasification
- E.3 Petroleum & Natural Gas in India
- E.4 Nuclear Power in India
- E.5 Biofuels

### Section 3: Analyzing India's Biofuel Industry

## **A. BIOFUELS IN INDIA**

- A.1 Market Profile
- A.2 How India Can Benefit from Biofuels
  - A.2.1 Employment
  - A.2.2 Energy Security
  - A.2.3 Improvement in Social Wellbeing
  - A.2.4 Protection of Natural Resources/Increase Soil Fertility
  - A.2.5 Reduction of Carbon Emissions
  - A.2.6 Ethanol as a Good Fuel
  - A.2.7 Economics of Biodiesel

## **B. ANALYZING THE ETHANOL INDUSTRY IN INDIA**

- B.1 Market Profile

- B.2 Economics of Ethanol Production from Sugarcane
- B.3 Economics of Ethanol Production from Molasses
- B.4 Competitiveness of India's Production
- B.5 Cultivating Alternate Crops like Sweet Sorghum and Tropical Sugar Beet
- B.6 Usage of Enzymatic Fermentation of Cellulose for Ethanol Manufacture
- B.7 Improved Methods of Producing Anhydrous Ethanol
- B.8 Challenges Faced by the Indian Ethanol Industry

## **C. ANALYZING THE INDIAN BIODIESEL INDUSTRY**

- C.1 Biodiesel in the Global Context
- C.2 Analyzing Biodiesel in India
- C.3 Development Effects in India
- C.4 Raw Material for Biodiesel
- C.5 Looking at Jatropha
  - C.5.1 Advantages of Using Jatropha Curcas
  - C.5.2 Properties of Jatropha Oil
  - C.5.3 Problems Cited by Farmers in Jatropha Cultivation
  - C.5.4 Processing Oil from Seeds
- C.6 Manufacturing Process for Biodiesel
- C.7 Consumption of Biodiesel
- C.8 By-Products and Alternate Uses
- C.9 Disposal of Glycerol
- C.10 Biodiesel Advantages for India
- C.11 Issues Confronting the Indian Biodiesel Program
- C.12 Biodiesel R&D in India
- C.13 Biodiesel Stage in India

## **D. POTENTIAL OF CLEAN DEVELOPMENT MECHANISM IN THE INDIAN BIODIESEL SECTOR**

## **E. LOOKING AT INDIA'S BIOFUEL POLICY**

- E.1 Rationale for Policy Intervention
- E.2 Analyzing the Policy Environment
- E.3 National Policy on Biofuels
- E.4 Demand-Side Policies
- E.5 Research and Development
- E.6 Supply-Side Policies

## **F. CASE STUDIES: LOOKING AT STATE-WISE BIOFUEL INITIATIVES**

F.1 Uttarakhand

F.2 Chhattisgarh

F.3 Andhra Pradesh

F.4 Karnataka

F.5 Tamil Nadu

F.6 Madhya Pradesh

## **G. LEADING INDUSTRY CONTRIBUTORS**

G.1 Mission NewEnergy Limited

G.2 Bharat Renewable Energy

G.3 Gaiatech Fuels

Section 4: Conclusion

## **A. APPENDIX**

## **B. GLOSSARY OF TERMS**

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