

# Analyzing the Biofuel Industry in South Africa

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## Abstracts

Although biofuels are mainly used to replace or supplement the traditional petroleum-based transportation fuels, they can also be deployed to generate heat and electricity. Being an alternative to fossils, biofuels can be applied to existing vehicles with little or no engine modification. Although they release CO<sub>2</sub> when burned in internal combustion engines, they differ from fossil fuels partly because their use reduces the net emission of carbon dioxide and other gases associated with global climate change and partly because they are biodegradable.

The recent sustained increase in international oil prices has once again highlighted the potential for biofuels to contribute to transport fuel demand, particularly in countries that import the bulk of fossil fuel supplies. Global concerns about the effects of fossil fuel use on the environment, as well as recognition of the benefits of energy supply diversification also support increasing biofuels production and use.

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

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 South Africa. 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 South African 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, amongst others.

Section 3 is focused on the South African Biofuels Industry. History of the industry's development through the years, the biofuel policy in South Africa, 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 South Africa. 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 South Africa is also touched upon, along with the benefits of biodiesel and ethanol and the barriers facing the development of biofuels in South Africa.

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 South African Biofuels Industry.

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