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Analyzing the Market for Cellulosic Ethanol 2017

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Abstracts

The constantly upward spiraling demand for energy worldwide has also led to a consequent investment of industrial and scientific effort into sources of fuel which will be able to feed the increasing needs of civilized society and industry.

These latent pangs of future fuel shortage were almost as instantly recognized in the chronological period as the investment of newer energy production sources. The finite nature of resources demands and drives the constant search for cleaner, better combustible and newer fuels. A ground breaking step in this direction is the development of Cellulosic Ethanol.

This report is a complete handbook on this dynamic fuel source and its position in the global energy scenario. The report builds on the global energy industry and the consumption patterns which are fed by the traditional sources like Oil, Coal, Natural Gas, Nuclear Energy and Hydroelectricity. The report also presents a track on the global energy consumption patterns along with the resources being used for them.

Taking into consideration the revenue cycles in the global energy markets, the report explains the revenue derived from these demand patterns from traditional sources as well as hydroelectric and wind energy. The report further also details each source individually.

Taking a contrasting view point the report presents an in depth analysis of the global energy crisis and the growing recognition of unconventional energy sources for arresting this crisis.

At this point the report introduces the emergence of ethanol as a source and the further leap ahead of science in the augmented development of cellulosic ethanol as an energy source. The report details the complete process of cellulosic ethanol production and the

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crucial role played by residues form agriculture, grass seed, wheat, forestry in the production of this wonder furl. The changing scientific attitude towards the role of municipal waste, sludge to serve as a feedstock for this fuel is also explored in this report.

A complete section devoted to understanding the technologies employed to derive ethanol from these cellulosic feedstock and the efficiency of obtaining ethanol from different feedstocks is included in the report. The utility of ethanol as a fuel in transportation on conjunction with gasoline is displayed in the report.

The geographic commercialization of cellulosic ethanol is analyzed country wise in this report ranging from Canada, China, Spain, UK and the United States.

The report examines the factors supplementing the growth of this industry as well as the challenges & issues facing this industry. The propelling support from the biotech industry in the development of cellulosic ethanol is also elaborated in this report. The report delves deeper into the production patterns and impact of cellulosic ethanol on the farm economy which are now becoming the guiding principles of building subsidy policies for such economic structures.

The report envisages to explain the basic cost integers of ethanol production and the regulatory framework which is now in place to support the development of this wonder fuel for the future. The role of the government in supporting and nurturing including development of funding mechanisms to augment the production of ethanol is also explained in this report.

As a conclusion the report presents an analysis of the leading commercial producers of ethanol and their successes earned so far. The report presents a special section to gauge the performance of this industry through the usage of global case studies and updates to various corporations engaged in this ecological endeavor.

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Contents

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J. TECHNOLOGICAL PATTERNS PROMINENT IN THE INDUSTRY

K. ROLE OF INDUSTRIAL BIOTECHNOLOGY IN THE DEVELOPMENT OF CELLULOSIC ETHANOL

L. INFLUENCE OF CELLULOSIC ETHANOL ON THE FARM ECONOMY

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List Of Figures

LIST OF FIGURES

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List Of Tables

LIST OF TABLES

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