Global Markets for Renewable Chemicals Manufacturing

Description: The global renewable chemicals market is expected to grow from $51.7 billion in 2015 to $85.6 billion by 2020, with a compound annual growth rate (CAGR) of 10.6% for the period of 2015-2020.

This report provides:

- An overview of the global markets for renewable chemicals, chemicals which are produced from renewable feedstock such as microorganisms, biomass (plant, animal, and marine), and agricultural raw materials.
- Analyses of global market trends, with data from 2014, 2015, and projections of compound annual growth rates (CAGRs) through 2020.
- A look at various available technologies used for producing renewable chemicals from biomass including enzymatic hydrolysis, thermo-chemical conversion, dehydrative transformation, production of Fischer-Tropsch diesel, fermentation and bioconversion, reductive transformation, product separation and bioconversion, and acid hydrolysis.
- A look at their end-use applications across different industries such as in food processing, housing, textiles, environment, transportation, hygiene, pharmaceutical, and other applications.
- Information on factors that can inhibit the market expanding such as the high cost and certain legislation issues related to the production of renewable chemicals.
- Information on two primary drivers for expected growing interest in renewable chemicals; the first is corporate interest in carbon footprint reduction, and the second driver is customer interest in green chemicals.
- Data on chemical manufactures acting globally in the field of massive production of renewable chemicals like alcohols, ketones, polymers and organic acids.

Scope of the report:

This study of the renewable chemicals market was conducted with a global perspective, in terms of technologies and their applications. Market projections have been conducted for five regional segments as well as for the global market. North America includes the markets in the U.S., Canada and Mexico. Europe consists of all European countries (west and east Europe except the Russian Federation), while Asia-Pacific includes all Asian countries — with emphasis on the Russian Federation, Japan, China, India, South Korea and Taiwan — Australia, New Zealand, Singapore, Malaysia and Philippines. All market table values are in constant 2015 U.S. dollars.

This report provides business planners, investors and managers with an improved understanding of the trends in the renewable chemicals market, and also presents how the markets will be affected by new technology as well as social and economic impacts.

The report contains:

- An in-depth analysis of the technologies used for renewable chemicals production.
- An overview of the quantities of renewable chemicals produced by region, type and source.
- Current and potential applications and technologies for renewable chemicals.
- Current and future market projections for renewable chemicals in each region.
- Profiles of current industry players according to regional market.
- A review of market and economic opportunities for current industry participants and new entrants.

The qualitative and quantitative analyses embodied in this report comprise valuable contributions to the current knowledge of renewable chemicals production technologies and market applications.

Highlights:

- The global renewable chemicals market is expected to grow from $51.7 billion in 2015 to $85.6 billion by 2020, with a compound annual growth rate (CAGR) of 10.6% for the period of 2015-2020.
- The alcohol market will grow from roughly $20.6 billion in 2015 to $33.5 billion by 2020 with a CAGR of 10.3% for the period of 2015-2020.
- The raw materials market will grow from roughly $19.9 billion in 2015 to $30.4 billion by 2020 with a CAGR of 8.8% for the period of 2015-2020.

Use this report to:

- Analyze current and potential applications and technologies for renewable chemicals.
- Analyze current and future market projections for renewable chemicals in each region.
- Review markets and economic opportunities for current industry participants and new entrants in the field of renewable chemicals.
- Gain information about the profiles of current industry players.

Intended Audience:

- Companies, institutions and legal bodies that may find the analysis of interest.
- Companies involved in developing, manufacturing, and supplying equipment and technology for renewable chemicals production.
- Companies that need to make business decisions by having complete insights into renewable chemicals market.
- Government policy makers task with understanding how technological growth over time can affect industry.
- Local authority agencies involved in raw materials management.
- Companies involved in chemical products development; in order to understand the key product segments and their future.
- Venture capital companies and financial institutions interested in new and attractive investments.

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