

# Renewable Chemicals - Winning Imperatives and Market Forecast

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## Abstracts

The global renewable chemicals market is estimated to reach US\$ 67.13 billion in 2015 from about US\$ 38.67 billion in 2010. The alcohols segment holds the largest market share, while the polymers segment is expected to have the highest growth rate due to the increasing applications of bio-polymers in the manufacture of biodegradable and compostable plastics and in consumer goods such as cell phones and laptops.

The major factor driving the growth of the renewable chemicals market is the growing consumer demand and governmental support for 'green' products that reduce greenhouse gas emissions. Renewable chemicals also reduce dependence on finite non-renewable petroleum resources.

## Market estimates and forecast

The report provides in-depth market estimates and forecast for global renewable chemicals market as follows:

Products: Alcohols, organic chemicals, ketones, polymers, and other markets.

Application: Industrial, transportation, textiles, food safety, environment, communication, housing, recreation, health and hygiene, and other applications.

## Catalysis: Biocatalysis and chemical catalysis

Technology: Thermo-chemical conversion, fermentation and bioconversion, product separation and bioconversion, enzymatic hydrolysis, gasification-fermentation, acid hydrolysis, biochemical-thermochemical, biochem-organosolve, fischer-tropsch diesel,

reductive transformation, dehydrative transformation, and other technologies.

Platform Chemicals: 1, 4-diacids, 2, 5-furan dicarboxylic acid, 3-hydroxypropionic acid, aspartic acid, glucaric acid, glutamic acid, itaconic acid, levulinic acid, glycerol, and other chemicals.

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