



Market Analysis for Green and Sustainable Chemistry 2020

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INTRODUCTION

[Conference Series LLC Ltd.](#) greets you to attend the [Global meet on Green and Sustainable Chemistry](#) during [December 07-08, 2020](#) in [Sydney, Australia](#) which includes keynote speakers, Oral talks, Poster presentations and Exhibitions and workshops. We heartily invite all the participants interested in sharing their knowledge and research in Recycling and Environmental Sciences. Global meet on Green and Sustainable Chemistry is mainly based on the theme "Green chemistry towards the Development of a Safer and Sustainable Future, free of Corona Virus (COVID-19)"

The Goal of [Green Chemistry](#) is to minimize waste, eliminating the toxicity of waste, minimize energy use and utilize green energy (solar thermal, solar electric, wind, geothermal etc.) - that is, no fossil fuel.

This conference will be the best platform to explore your research work, innovations and helps to learn how to take advantage of the current market to maintain and grow your business from the leading experts in the field of Recycling.

[Green chemicals](#) are recognized for their environmental friendliness, providing a base for the sustainable chemical market. In the last few years, toxic chemicals have been facing bans due to the generation of hazardous chemicals. In such a scenario, green chemicals are playing significant role, as they are designed to reduce or eliminate the use or generation of hazardous substances. Moreover, in the making of green chemicals, [green chemistry](#) applies across the life cycle of a product. Hence, it is known as [sustainable chemistry](#). In 2015, over 50 million tonnes of bio-based chemicals were factory-made and this is often anticipated to reach over 80 million tonnes by 2020.

Application across varied segments such as food process, housing, textiles, pharmaceuticals are anticipated to grow significantly over the next five years. By 2020, green chemicals market is estimated to reach over \$100 billion, with a CAGR of 11%. Our reports provide a significant summary of the [green chemical market](#), with respect to strategic analysis, restrictive framework, regional analysis, companies' portfolios and industry structure.

The global [green chemicals](#) market is recording high growth in emerging economies such as India, China, Brazil, Russia, and Indonesia. Many manufacturers of [green chemicals](#) are shifting their manufacturing operations to these countries due to factors such as availability of land, economical labour, low transportation costs, and favourable regulations promoting the use of green chemicals. Also, these markets are characterized by increased spending on pharmaceuticals, automobiles, electronics and electrical, and consumer goods. Therefore, the [global green chemicals](#) market is expected to grow significantly in emerging economies during the forecast period.

The all-over global market for green chemistry & Technology, which includes bio-based chemicals, renewable feedstock, green polymers and less-harmful chemical formulations are projected to grow from \$11 billion in 2015 to nearly \$100 billion by 2020.

The global market for [renewable chemicals](#) 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. Renewable alcohols dominated the market with about 40.7% of total sales in 2014, but will likely decrease to 39.1% market share by 2020. Raw materials for renewable chemicals production, which ranked second at a 40.6% market share in 2014, is expected to fall to 35.5% during the forecast period (2015-2020) due to the uptake of alternative feedstock used in the production process. Bio-based organic acids, ketones and aldehydes accounted for the third-biggest market share in 2014, at 8.1%, including some well-known and used chemicals. Market share for this segment should increase to 13.9% by the end year.

Renewable chemicals or bio-based chemicals are obtained from renewable sources such as agricultural waste, organic waste products, biomass, and microorganisms and are used to produce other chemicals. They are used in various applications across different industries such as in food processing, housing, textiles, environment, transportation, hygiene, and pharmaceuticals. Also, the manufacture of surfactants and lubricants, consumer goods, resins, and plastics for environmental purpose use renewable chemicals.

