

Date: July 11-12, 2019 | Las Vegas, USA

Market Analysis

[Green Chemistry Congress 2019](#) is mainly based on the theme “Covering the significant aspects in the promising field of Green Chemistry and Environmentally friendly Technologies”. We warmly welcome all the participants of world’s leading Scientists, Researchers, and Scholars. Here is a global platform for young researchers (Ph.D. Students) to present their research through oral presentations through which they can develop a foundation for collaboration among young researchers.

Globally, [chemistry](#) is a \$2.4 trillion industry. Even though the chemical industry usually parallels the trends and growth of the broader industry, it was inside the chemical industry itself where the march to the green trail began. The global market for [green chemistry](#), which includes bio based chemicals, renewable feed stocks, green polymers and less-toxic chemical formulations, is projected to grow from \$11 billion in 2015 to nearly \$100 billion by 2020.

According to Pike Research, the North American market for green chemistry is projected to grow from \$3 billion to over \$20 billion during the same period. Renewable chemicals are derived from bio-based feed stocks using environmentally friendly production technologies has been gone global. BCC Research estimates in its new report the global chemical industry will grow to over \$1.5 trillion per year when bio-based and renewable products replace existing products and provide new revenue sources to companies and regional economies.

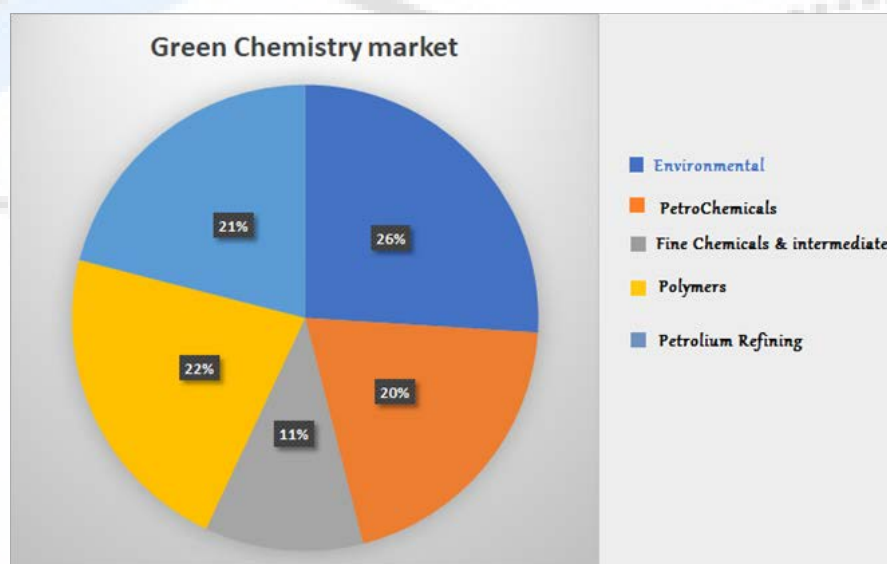


Figure: Global Green Chemistry Market Statistics

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

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. 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.

According to BCC Research, the global market for industrial enzymes is expected to grow from nearly \$5.0 billion in 2016 to \$6.3 billion in 2021, demonstrating a five-year compound annual growth rate (CAGR) of 4.7%. As a segment, food industrial enzymes should approach \$1.5 billion and \$1.9 billion in 2016 and 2021, respectively, growing at a five-year CAGR of 4.7%. Animal feed industrial enzymes, as a segment, are forecast to total \$1.2 billion and nearly \$1.6 billion in 2016 and 2021, respectively, reflecting a five-year CAGR of 5.2%. This market segment is expected to rise due to higher investments in renewable sources of energy and increased demand for animal feed products.

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The Legislature set goal of 75 percent recycling, composting or source depletion of solid waste by 2021 calling for the state and the Department of Resources Recycling and Recovery to take a statewide approach to decrease reliance on landfills. This statistic displays the market size of the green chemistry industry worldwide in 2016, with forecasted figures for 2017 to 2021. The global renewable chemicals market size in 2017 was some 52 billion U.S. dollars, and it is forecasted that by 2021 it will be some 88.5 billion U.S. dollars.

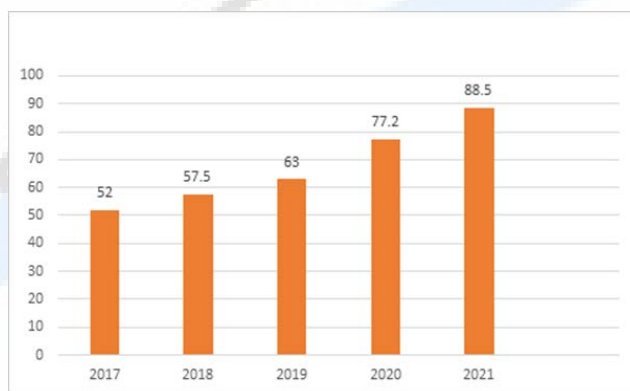


Figure: Forecasted market size of the green chemistry industry worldwide from 2017 to 2021 (in billion U.S. dollars)

Scope and Importance:

Recycling is the reprocessing of waste materials into new products. Recycling is important to both the natural environment and human being.

It helps in reducing air and water pollution. Using recycled materials in the manufacturing process require less energy. Huge amounts of energy are used when making products from raw materials. Therefore recycling helps to preserve natural resources.

Greenhouse Gasses and harmful chemicals are released from the disposal area. So recycling helps to reduce the environmental pollution.

When recyclable materials are reprocessed into new products, it will reduce incineration.

Target Audience:

- Metal producing & recycling companies
- Environmental service providers
- Government and regulatory bodies
- Associations and industry bodies
- Municipalities, local, and regional authorities
- Other end users (materials recovery facilities, processor, and sorters)

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Major Green Chemistry and Recycling societies around the Globe

- Society of Environmental Toxicology and Chemistry (SETAC)
- TCNJ's Student Chemists Association
- Lombardy Green Chemistry Association
- A Sustainable Global Society
- Chemistry Society of Peru
- Canadian Association of Recycling Industries
- Canadian Institute for Business and the Environment
- Canadian Plastics Industry Association

Why attend Green Chemistry & Technology 2019?

Green Chemistry 2019 is the Global event that brings all the international experts, researchers and decision makers both from academic field as well as industry across the world, together to exchange their knowledge, expertise and research innovations, specialty in the area of Chemistry Research. During the passage of the two-day conference, you can avail opportunity to both networks and perceive leaders from the global academic and corporate Chemistry research communities.

The main topic will be on aspects such as Green Chemistry Research, Green Chemistry approaches, Chemical Engineering, biochemistry, Environmental Science. This is best opportunity to reach the largest Proportions of participants. World Well-known speakers, the most recent techniques, and the newest updates in chemistry research fields, drugs innovations are the hallmarks of this conference.

Green Chemistry Conference are organized with the ambition to give a capitalistic belvedere to researchers, scientists, academicians, industries, professionals, Business researchers, Academics Staff, Environmental Organization People, Exhibiter's, Engineers, research faculty's, chemical industries, Agrochemicals industry's & Young Researchers, students, to come learn, evolve, discuss, share and get the knack of recent advances and success about Green Chemistry and Technology also the many related fields of environmental and chemical science including academics, & Business of the same field.

The scientific program includes Keynote & Plenary Talks, Video Presentations, Poster Presentations and E-Posters. Furthermore, oral communications of (post) doctoral junior scientists will be considered. It is the goal of the organizers to make this meeting an event of scientific excellence, attractive to both industrial and academic scientists.

Benefits:

- Accepted abstracts will be published in conference souvenir.
- Global networking: In transferring and exchanging Ideas
- A Unique Opportunity for Advertisers and Sponsors at this International event.
- Each abstract will be labeled with a DOI provided by CrossRef
- Our online publicity attracts 90000+ users and 160000+ views
- Great chance to attend other scientific conferences freely as a delegate at the same venue or five-star hotels at Las Vegas.

[Past Conference Report:](#)

Green Chemistry Congress 2018 Report

Green Chemistry Congress 2018 witnessed an amalgamation of peerless speakers who enlightened the crowd with their knowledge and confabulated on various new-fangled topics related to the field of

Green Engineering. The highly exalted conference hosted by Scientific Federation. It was marked with the attendance of renowned and brilliant researchers, business delegates and talented student communities representing more than 20 countries around the world. The conference has tried grounding every aspect related to Green Chemistry, covering all the possible research areas and crux.

The meeting engrossed a vicinity of cognizant discussions on novel subjects like Renewable Energy, Waste Management, Green Energy, Green Building, Green Nanotechnology, Bio-fuel and other allied areas of Green Chemistry & Engineering. The conceptual and applicable knowledge shared, will also foster organizational collaborations to nurture scientific accelerations.

We are thankful to all our speakers for encouraging and supporting us to conduct the conference and catapulting the same to pinnacle of success.

The Organizing Committee would like to thank the Chair [Prof. Jean-Claude Charpentier](#), Former President of the European Federation of Chemical Engineering, Université de Lorraine, France, for her contributions which resulted in smooth functioning of the conference.

