Global Second Generation Biofuels (Advanced Biofuels) Market (Fuel Types, Feedstock Types and Geography) - Size, Global Trends, Company Profiles, Segmentation and Forecast, 2013 - 2020

Description: Second generation biofuels yield more energy efficient output than conventional fossil fuels and are environment-friendly as well. Other enabling factors such as favourable environmental regulations & policies, investments/funds provided by the North American and European governments for R&D and commercialization of second generation biofuels, also drive growth of the second generation biofuels market. The global second generation biofuels market is estimated to grow at a CAGR of 49.4% over 2014 - 2020 and it is expected to be valued at $ 23.9 billion in 2020.

Based on biofuel types, the market is segmented into Cellulosic ethanol, Biodiesel, Biobutanol, BioDME and others. Currently, most of the second generation biofuels, such as Cellulosic ethanol, (algae-based) Biodiesel are in the initial stages of commercialization, whilst Biobutanol and BioDME are in the laboratory/pilot production phase. Attributed to usage of high yield feedstock (algae), coupled with high potential for reduction of GHG emissions, it is estimated that Biodiesel will garner the largest market share in terms of production (among the other types of second generation biofuels).

Geographically, the second generation biofuels market is segmented into North America, Europe, Asia Pacific and LAMEA. Owing to favorable regulations and financial support from the governments of developed regions - North America and Europe, have garnered majority market share in 2013, however, this scenario would change by 2020.

To leverage opportunities in the second generation biofuels market, many companies are setting up plants for production of such biofuels. Some of the key manufacturing companies profiled in the report are Algenol Biofuels, Abengoa bioenergy, POET-DSM, GranBio, INEOS Bio, Inbicon, Clariant, ZeaChem, DuPont Industrial Biosciences and Fiberight LLC.

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