

The Global Market for Biobased and Biodegradable Plastics 2022-2030

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Abstracts

Environmental and resource concerns regarding the use of plastics have increased greatly in recent years. As a result, the plastics industry is pivoting towards natural and renewable solutions such as biobased and biodegradable chemicals and polymers. The use of biobased and biodegradable plastics will increase in the coming years driven by legislation, consumer demand, improved production technologies and reduced costs.

Report contents include:

Review of the Biobased and Biodegradable Plastics market in 2021.

Outlook for 2022.

In depth market analysis of biobased chemical feedstocks & biobased and Biodegradable Plastics

Global production capacities, market demand and trends 2019-2030.

In depth regional analysis of production.

Analysis of bio-based chemical including 11-Aminoundecanoic acid (11-AA), 1,4-Butanediol (1,4-BDO), Dodecanedioic acid (DDDA), Epichlorohydrin (ECH), Ethylene, Furan derivatives, 5-Chloromethylfurfural (5-CMF), 2,5-Furandicarboxylic acid (2,5-FDCA), Furandicarboxylic methyl ester (FDME), Isosorbide, Itaconic acid, 5 Hydroxymethyl furfural (HMF), Lactic acid (D-LA), Lactic acid – L-lactic acid (L-LA), Lactide, Levoglucosenone, Levulinic acid, Monoethylene glycol (MEG), Monopropylene glycol (MPG), Muconic acid,

Naphtha, 1,5-Pentametylenediamine (DN5), 1,3-Propanediol (1,3-PDO), Sebacic acid and Succinic acid.

Analysis of synthetic biopolymers market including Polylactic acid (Bio-PLA), Polyethylene terephthalate (Bio-PET), Polytrimethylene terephthalate (Bio-PTT), Polyethylene furanoate (Bio-PEF), Polyamides (Bio-PA), Poly(butylene adipate-co-terephthalate) (Bio-PBAT), Polybutylene succinate (PBS) and copolymers, Polyethylene (Bio-PE), Polypropylene (Bio-PP)

Analysis of naturally produced bio-based polymers including Polyhydroxyalkanoates (PHA), Polysaccharides, Microfibrillated cellulose (MFC), Cellulose nanocrystals, Cellulose nanofibers, Protein-based bioplastics, Algal and fungal.

Market segmentation analysis.

Profiles of over 300 companies. Companies profiled include NatureWorks, Total Corbion, Danimer Scientific, Novamont, Mitsubishi Chemicals, Braskem, Avantium, Borealis, Cathay, Dupont, BASF, Arkema, DuPont, BASF, AMSilk GmbH, Notpla, Loliware, Bolt Threads, Ecovative, Kraig Biocraft Laboratories, Spiber, Bast Fiber Technologies Inc., Kelheim Fibres GmbH, BComp, Circular Systems, Evrnu, Natural Fiber Welding, Icytos, Versalis SpA, Clariant, MetGen Oy, Praj Industries Ltd., Bloom Biorenewables SA, FP Innovations, UPM, Klabin SA, RenCom AB and many more.

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