

Market Analysis of 21st International Conference and Exhibition on Materials Science, Nanotechnology and Engineering which is to be held during September 21-22, 2020 at Milan, Italy

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Material Science assumes an indispensable job in our lives on account of its uniqueness in properties and broadened application in different enterprises. These are the premise of current science and innovation. Material Science are at the core of numerous mechanical advancements that touch our lives and discover applications, for example, electronic materials for correspondence and data innovation, biomaterials for better social insurance, sensors for clever condition, vitality materials for sustainable power source and condition, light combinations for better transportation, materials for vital applications and the sky is the limit from there.

Market Analysis

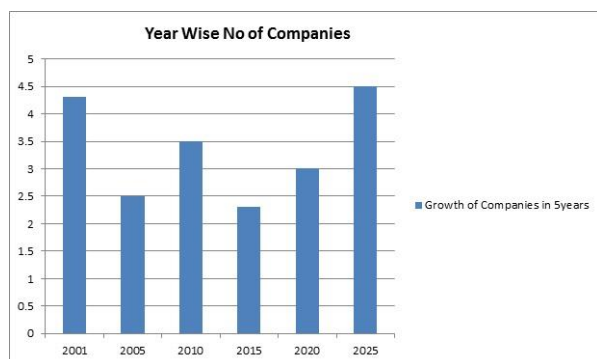
The global market is projected to reach \$6,000 million by 2020 and register a CAGR of 10.2% between 2015 and 2020 in terms of value. The growth in market is estimated to be driven by the increasing demand for aerogel materials from oil & gas and construction applications. The North American region remains the largest market, followed by Asia-Pacific. The Europe market is estimated to be growth at a steady rate due to economic recovery in the region along with the increasing concern for the building insulation and energy savings. The U.S. Bureau of Labour Statistics (BLS) produces annual wage estimates for more than 800 individual occupations. Newly released figures for 2012 put BLS Code 19-2032 (an occupational group encompassing materials scientists) in 82nd place in yearly wages. The group, which includes 7,970 employees across the country, posted an average annual salary of \$89,740.

Global consumption of nanocomposites is expected to grow in unit terms from nearly 225,060 metric tons in 2014 to nearly 584,984 metric tons in 2019, a compound annual growth rate (CAGR) of 21.1% for the period of 2014 to 2019. The global market for nanofiber product reached \$203.2 million and \$276.8 million in 2013 and 2014, respectively. This market is projected to grow from \$383.7 million in 2015 to nearly \$2.0 billion in 2020, representing a compound annual growth rate (CAGR) of 38.6% between 2015 and 2020. The global nanotechnology market in environmental applications reached \$23.4 billion in 2014. This market is expected to reach about \$25.7 billion by 2015 and \$41.8 billion by 2020, registering a compound annual growth rate (CAGR) of 10.2% from 2015 to 2020.

The global smart glass market is expected to grow from USD 2.34 Billion in 2015 to USD 8.13 Billion by 2022, at a CAGR of 19.2% between 2016 and 2022. The emerging automobile and architectural buildings end-use industry create a huge demand for the smart glass market across the world. The major factors driving the growth of the market are the need for energy-efficient solutions and government regulations for green buildings. Furthermore, the growing automotive sector is expected to drive the market in the near future.

Market Growth of Materials Testing and Service Industries

The soft magnetic materials market is expected to achieve USD 42.14 Billion globally in 2026, at a CAGR of 8.1%, between 2016 and 2026.

Statistics which shows growth in importance of Materials Science Globally:

Soft magnetic materials offer good permeability and help in the decrease of eddy current losses. Companies are capitalizing in R&D for the growth and building of high quality soft magnetic materials. The increasing automotive end-user industry is one of the foremost drivers for the soft magnetic materials market. The soft magnetic materials are tremendously useful in several

applications such as motors, transformers, and alternators.

The global 3D printing materials market is predictable to raise from USD 530.1 Million in 2016 to USD 1,409.5 Million by 2021, at a CAGR of 21.60% throughout the same period. The high progress of the market is owing to the adoption of 3D printing technology in Germany, U.S., and developing countries. The rising aerospace & defense, medical & dental, and automotive industries in these countries are driving the 3D printing materials market.

The electric vehicle plastics market is likely to raise at a CAGR of 27.82% from 2016 to 2021, to reach a market size of USD 1.49 Billion by 2021. Main drivers of this market include the favorable government policies, that lead to the advancement in the sales of electric vehicles, stringent emission regulations, demand for light weighting to achieve fuel efficiency, and the demand to improve ergonomics.