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Market Analysis of 35th World Congress on Materials Science and Nanotechnology

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Market Analysis

IMPORTANCE AND SCOPE

The improvement and engineering of devices so small that they are measured on a molecular scale. This developing field involves scientists from many different disciplines, including physicists, chemists, engineers, information technologists and material Researchers, as well as biologists is being applied to almost every field imaginable, including electronics, magnetics, information technology, materials development and biomedicine. **36th World Congress on Materials Science** and Nanotechnology will be a common platform for Researchers, Scientist, innovators, readers, professors, Industry Leaders, students and overall learners to preset and exchange ideas related to Materials science & Nanotechnology We are pleased to invite you all to the **36th World Congress on Materials Science and Nanotechnology** which is going to held on **July 22-23, 2019 at Melbourne, Australia**. *Materials Market Estimated to Reach US$ 102.48 Bn by 2024; Global Industry Analysis, Size, Share, Growth, Trends, and Forecast 2016 - 2024 - Transparency Market Research*.

WHY AUSTRALIA?

The global Material science and Nanotechnology market was valued at $1,055.1 million in 2019, and is projected to reach $2,231.4 million by 2025, growing at a CAGR of 10.5% from 2019 to 2025. Nano science and nanotechnology are the study of nanoparticles and devices, which find their application across all the science fields such as chemical, bio-medical, mechanics, and material science among others. Nanotechnology market encompasses the production and application of physical, chemical, and biological systems and devices at scales ranging from individual atoms or molecules to around 100 nanometers.

Nanotechnology carries a significant impact, and serves as a revolutionary and beneficial technology across various industrial domains, including communication, medicine, transportation, agriculture, energy, materials & manufacturing, consumer products, and households. Emerging use cases and application is expected to be one of the key factors contributing towards the growth of nanotechnology market size. The U.S. National Nanotechnology Initiative has estimated that around 20,000 researchers are working in the field of nanotechnology. For the UK, the Institute of Occupational Medicine has estimated that approximately 2,000 people are employed in new nanotechnology companies and universities where they may be potentially exposed to nanoparticles.

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Major Association across the Globe:

- National Institute for Nanotechnology
- EU Seventh Framework Programme
- National Cancer Institute
- National Nanotechnology Initiative
- International Institute for Nanotechnology
- Nano science and Technology Institute
- Minatec Innovation Center
- National Center for Scientific Research
- Materials Research Society of Singapore
- Australian Composite Structures Society
- Chinese Society for Composite Materials
- Japan Society for Composite Materials
- European Optical Society
- United Physical Society of Russian Federation
- Optical Society of America (OSA)
- IEEE Photonics Society
- IEEE Lasers and Electro-Optics Society
- International Society of Optical Engineering

Major Universities in World:

- University of Pennsylvania
- Rice University
- Johns Hopkins University
- Stevens Institute of Technology
- University of Washington-Seattle Campus
- University of Minnesota-Twin Cities
- Arizona State University
- Virginia CommonHealth University
- Lock Haven University
- Wayne State University
- North Seattle College

Major Industries in Nanotechnology and Material Science :

- Adnano Technologies
- Advanced Nanotech Lab
- Avansa Technology and Services
- Bilcare
- Egoma Technologies
- Micromaterials
- Nanomics Technologies
- Nano Sniff technologies
- Nanoshel
- Icon Analytical Equipment
- Eris Technologies

Nanotechnology is a very broad field and encompasses physics, electronics, chemistry, biology and medicine.