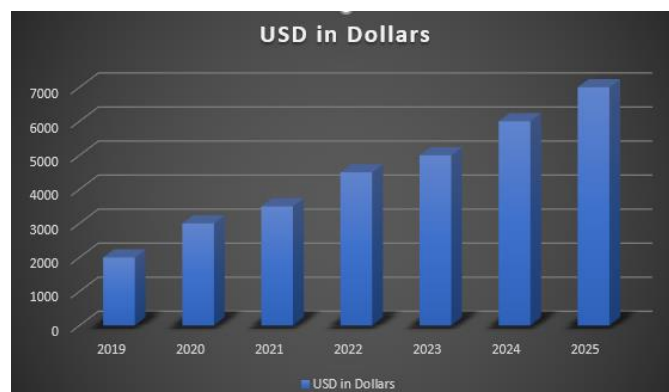


## Market Analysis: Annual Congress on Condensed Material and Material Physics

Dr. Michael C. Flickinger

Applied Physics 2020 welcomes attendees, presenters, and exhibitors from everywhere the planet to Viana, Austria. we tend to area unit delighted to ask you all to attend and register for the "International Conference on Magnetism and Applied Physics" throughout Sept 14-15, 2020.

The organizing committee is wheelwork up for associate degree exciting and informative conference program as well as comprehensive lectures, symposia, workshops on a spread of topics, poster shows and varied programs for participants from everywhere the planet. we tend to invite you to hitch America at Magnetic Physics 2020, wherever you'll make sure to possess a significant expertise with students from round the world. All members of the optical device Technology 2020organizing committee anticipate to meeting you in Viana, Austria.



The global marketplace for magnets and magnetic materials reached \$32.2 billion in two016. The market ought to reach \$34.9 billion in 2017 and \$51.7 billion by 2022, increasing at a compound annual rate (CAGR) of eight.2% from 2017 through 2022. an outline of the world marketplace for magnets and their materials, at the side of rising technologies and potential business opportunities within the future. The report "Soft Magnetic Materials Market by Material sort (Soft solid solution, Electrical Steel, Cobalt), Application (Motor, electrical device, Alternator), user trade (Automotive,Electrical physics & Telecommunications) - world Forecast to 2026", is projected to achieve USD twenty eight.15 Billion by 2021, growing at a CAGR of seven.8%, from 2016 to 2021. The increasing demand for materials that may scale back eddy current loss and provide sensible permeableness is driving the usage of soppy magnetic materials in several end-user

industries like automotive, physics & telecommunications, and electrical, among others.

The global static magnet market is predicted to grow from nearly \$13.4 billion in 2015 to roughly \$20 billion by 2020, with a compound annual rate (CAGR) of eight.4% for the amount of 2015-2020. the world marketplace for electrical conduction technologies ought to reach \$5.3 billion by 2021 from \$3.4 billion in 2016 at a compound annual rate (CAGR) of nine.4%, from 2016 to 2021. Insight into the most important end-use markets, like instrumentation and alternative physics, appliances and client physics, industrial, and automotive. world trade Analyze Soft Magnetic Materials Market by its sort, competitive players, regions and applications of soppy Magnetic Materials market, forecast up to 2023. the world Soft Magnetic Materials market can reach xxx Million USD in 2017 and CAGR XX% 2011-2017.

Magnetics-related businesses account for more than one million jobs in Austria and contribute £77 billion to the Austrian economy directly with high-value physics-based manufacturing accounting for 500,000 jobs and £20 billion. These growths will improve nearly four million jobs and £220 billion when indirect effects such as supply chains are considered. The creation of products and devices enable growth in areas such as:

- Aerospace and automotive: Physics-based technologies, such as advanced materials, are enhancing development in the aerospace sector, for instance, nanomaterials are used to coat aircraft helping to reduce friction, as a result, it reduces fuel consumption and costs. Physics-based transport industries approximately contribute 60,000 jobs in the UK economy, £5 billion in GVA.
- Nuclear and offshore wind: The Austria physics-based electricity production and distribution industry employ 50,000 people, £7 billion in GVA.
- Life sciences and Agri-tech: Physics technologies are vital to advances in the life sciences – a group employing 160,000 people in the Austria.

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