

Automotive Energy Harvesting and Regeneration - Global Market Outlook (2017-2023)

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Abstracts

According to Statistics MRC, the Global Automotive Energy Harvesting and Regeneration market is expected to grow from \$25.98 billion in 2016 to reach \$105.26 billion by 2023 with a CAGR of 22.12%. Some of the factors favouring the market growth are increasing demand for green manufacturing in the automotive industry, strict government regulations and rising need for alternative fuel vehicles. However, huge cost of vehicles and current battery technology of electric vehicles are hindering the market growth. Reducing greenhouse emission and improvements in automotive technologies are some of the major opportunities during the forecast period.

Energy harvesting is the process of extracting and storing energies from external sources such as wind energy, thermal energy, solar power, and kinetic energy for future use. This energy is stored in batteries and capacitors for autonomous operations. Hybrid electric vehicles have acquired the highest market share and the growth of these vehicles is attributed to greater fuel efficiency.

Europe is dominating the global automotive energy harvesting and regeneration market followed by Asia Pacific with the advancements in new technologies. ZF TRW is one of the leading companies which have introduced integrated braking system (IBS) which is capable of providing advanced safety to the vehicles. Continental AG is leading the automotive market with innovative technologies.

Some of the key players in global Automotive Energy Harvesting and Regeneration market include Continental AG, Faurecia SA, Ricardo PLC, Delphi Automotive PLC, Torotrak PLC, Robert Bosch GmbH, Denso Corporation, Gentherm Incorporated, Tenneco Inc, ZF Group, Panasonic and ZF TRW.

Energy Types Covered:

Thermal Energy

Kinetic Energy

Solar Energy

Other Energy Types

Vehicle Types Covered:

Plug-In Hybrid Electric Vehicle

Hybrid Electric Vehicle

Battery Electric Vehicle

Pure Electric

Heat Recovery System Types Covered:

Turbocharger

Regenerative Braking System

Exhaust Gas Recirculation System

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 7 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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