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Research and Markets: Future Market Value and Share of the Transportation Market by Fuel Cell Technology

DUBLIN, Ireland--(BUSINESS WIRE)--July 6, 2005--Research and Markets (<http://www.researchandmarkets.com/reports/c20385>) has announced the addition of Fuel Cell Vehicles -- Revolutionizing Automotive Industry to their offering

The world automotive industry is about to witness a revolution--a revolution that will be ushered in by fuel cell technology. In the future, we will see light and heavy vehicles powered by eco-friendly efficient energy sources. The fuel cell technology is yet to be introduced in the mass market, but it has been predicted that, in the years to come, this technology will be the most significant long-term source of power for petroleum and emission-free, mass-produced light vehicles, as well as some of the heavy vehicles.

Over a decade, there has been intensive research and development on the fuel cell technology and the researchers are endeavoring to solve the technical hurdles associated with this technology. It is a challenging path ahead for the fuel cell vehicles, as, so far, they have been utilized only as prototypes or demonstration models and are yet to penetrate into the mainstream automotive market. However, a strongly committed and diligent industry of countries like Japan, Australia, and Canada, along with the full-fledged support of their respective governments, is working towards developing and deploying hydrogen-powered vehicles and the related infrastructure.

It has been estimated that commercialization of this technology will render a steep rise in the fuel cell sales from \$25 million in 2000 to \$450 million in 2005. Fuel cell technology is ideally suited for large-scale and heavy industrial applications. Although fuel cell technology will take some years to be introduced in the market, billions of dollars have been invested by major automakers in the development of fuel cell technology, looking at the increasing demand for fuel-efficient, low-emissions vehicles.

The market research report prepared titled ""Fuel Cell Vehicles--Revolutionizing Automotive Industry"" reveals the efforts that are being put globally to overcome the technical and economical hurdles with an aim to change the future of the automotive industry. The report discusses the current scenario of the industry, the government policies and future plans, and the leading energy and automotive companies. This report gives an insight on the manufacturers of key components of fuel cells designed for use in motor vehicles in countries outside the United States as well as the technical progress of companies in the global market.

Report Highlights:

- Research and Demonstration Projects in different countries till December 2004.
- Major Government-Supported Fuel Cell Vehicle Projects.
- Future Market Value and Share Of The Transportation Market by Fuel Cell technology.
- Estimates of potential market size for fuel cells, 2030.
- Market penetration of fuel cells.
- Investment Trends and Patterns in Japan, Western Europe, Canada, and other countries.
- R&D Expenditures by Companies, 2004.
- Highlights of Report of Japan's Fuel Cell Commercialization Policy Study Group.
- Highlights of EUCAR's Proposal on the Future of Automotive and Road Transport R&D in Europe.
- Emerging Players in Fuel Cell Technology.
- Significant Technical and Infrastructure Barriers.
- Product Profiles of Major Automotive players in Fuel Cell Technology.

Report Features:

Chapters 1, 2 and 3 of the market research report on ""Fuel Cell Vehicles --Revolutionizing Automotive Industry"" introduces you to the fuel cell technology, hydrogen economy, market projections, and technological hurdles.

Chapter 4 and 5 provide an insight into the investment trends and government support. Besides this, they also talk about the current issues of fuel cell technology.

Chapter 6 is dedicated to the major players in the fuel cell vehicle market.

This market research report will serve as an excellent guide for the automotive companies to make decisions for the future, based on the industry's market potential. The policymakers as well as those interested in exploring and developing fuel cell vehicles will find this report useful.

Vehicle Manufacturers that are jumping on the Fuel Cell bandwagon include:

- BMW
- Daihatsu
- DaimlerChrysler
- Delphi
- Fiat
- Ford
- General Motors
- Honda
- Hyundai
- Mazda
- Mitsubishi
- Nissan
- PSA/Peugeot Citroen
- Renault
- Suzuki
- Toyota
- Volvo
- Volkswagen AG

For more information visit <http://www.researchandmarkets.com/reports/c20385>

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