

Global Hybrid Train Market Size study, by Propulsion type (Battery powered, Electro diesel, CNG, Solar Powered and Hydrogen powered), Application (Passenger and Freight) and Regional Forecasts 2019-2026

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Abstracts

Global Hybrid Train market is valued approximately 5180 units in 2018 and is anticipated to grow with a growth rate of more than 4.8% over the forecast period 2019-2026. A hybrid train are said as locomotive, railcar or train that takes an onboard Rechargeable Energy Storage System (RESS) and it is kept in between the traction transmission system and power source that is directly connect to the wheels. The increasing demand for comfort and safety, rising demand for the energy efficient transport and public transport as a means of reducing traffic congestion are the factors that driving the growth of market over the forecast years. However, refurbishment of existing trains and capital-intensive nature of trains hinder the growth of market over the upcoming years. Whereas, big data application in the train industry and rise in industrial and mining activity is a lucrative growth opportunity for the market growth. The hydrogen trains that works on hydrogen fuel cells are consider as true eco-friendly train. Hydrogen trains doesn't work on the duel fuel system that helps in providing complete pollution-free and noise free operation helps in achieving emission free train. For instance: Alstom coupled with Eversholt rail has launched the first ever hydrogen fuel cell powered train in the Germany. Thus, the stringent regulations regarding use of energy efficient transport propel the growth of market over the forecast years. Additionally, the use of big data in rail transport enables data capture by contact-less readers, based on RFID technology and detect the position of the passengers. The number of passengers travelling in the train, their routes and distribution time are detected through big data analytics. Also, use of big data in railway safety includes collection of data with automatic systems and enables ad-hoc monitoring activities that

includes audits, human observation and manual reporting etc. thus, the implementation of big data analytics in the railways for safety purpose and keeping check on passengers information is expected as lucrative growth opportunity for the growth of market.

The regional analysis of global Hybrid Train market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America and Rest of the World. The Asia-Pacific region is dominating the market of hybrid train market owing to the rising demand of ecofriendly train for the purpose of reducing pollution and increasing adoption of energy efficient train are the factors propel the growth of market over the forecast years. Additionally, the rapid growth of China's economy to rise the expansion of the train network in improving the transportation system propel the growth of market. Europe is second largest market sharer in the hybrid train market followed by the Asia Pacific owing to the increasing concern of government toward carbon emission.

Market player included in this report are:

CRRC

Kawasaki heavy industries

Siemens

General Electric

Hyundai Rotem

Toshiba

Hitachi

Toyota

Cummins

Alstom

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Propulsion type:

Battery powered
Electro diesel
CNG
Solar Powered
Hydrogen powered

By Application:

Passenger
Freight

By Regions:

North America
U.S.
Canada
Europe
UK
Germany
Asia Pacific
China
India
Japan
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2016, 2017
Base year – 2018
Forecast period – 2019 to 2026

Target Audience of the Global Hybrid Train Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists

Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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COMPANIES MENTIONED

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Kawasaki heavy industries
Siemens
General Electric
Hyundai Rotem
Toshiba
Hitachi

Toyota
Cummins
Alstom

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