

Hybrid Train Market Business Development Strategies 2027 by Major Key Players -Stadler Rail A

WILMINGTON, DE , UNITED STATES, July 22, 2024 /EINPresswire.com/ -- Hybrid trains are revolutionizing the transportation industry by combining the benefits of traditional diesel engines with the efficiency and ecofriendliness of electric power. These trains are becoming increasingly popular due to their lower emissions, reduced fuel consumption, and enhanced performance. Join us as we explore the innovative features, environmental advantages, and market trends driving the growth of hybrid



trains around the globe. Whether you're a commuter, a transportation enthusiast, or an investor, there's something for everyone in the <u>hybrid train market</u>.

Global hybrid train market size was valued at \$16.2 billion in 2019, and is projected to reach \$23.9 billion by 2027, growing at a CAGR of 6.6% from 2020 to 2027.

Significant development of infrastructure and reduction in carbon emissions are the key factors driving the market growth in the coming years. In addition, rise in population across several regions demands for efficient and sufficient transport infrastructure, which in turn, increases the demand for hybrid rail vehicles during the forecast period. However, high cost associated with development and complexities with hybrid train infrastructure network may hamper the market growth during the analyzed timeframe. On the contrary, rapid growth in hydrogen powered and solar powered hybrid trains is expected to create opportunities for the hybrid train market in the coming years.

On the basis of operating speed, the 100-200 km/hr segment holds the largest share, in terms of

revenue, and is expected to grow at a CAGR of 6.8%. This is attributed to increase in demand for electro-diesel trains, which generally possess operating speed in between 100-200 km/hr. In addition, other propulsion types, including hydrogen fuel cell powered, battery operated, and other hybrid trains are now mostly produced with maximum speed in the range of 100-200 km/hr, which in turn, is expected to drive the growth of the market during the analyzed time frame.

On the basis of application, the passenger application segment holds the largest market share of 88.4% with a growth rate of 6.6%, in terms of revenue, and is expected to maintain its dominance during the forecast period. This growth is attributed to the gaining importance of hybrid trains and reducing the traffic and pollution from road transport. Moreover, rise in demand for traveling safely, reliability, connectivity, and rising urbanization are the key factors driving the passenger hybrid train market growth in the coming years.

- Electro-Diesel
- Battery Operated
- Hydrogen Powered
- Gas Powered
- Solar Powered

- Passenger
- Freight

- Less than 100 km/hr
- 100-200 km/hr
- More than 200 km/hr

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• In 2019, the electro-diesel segment accounted for majority of the share of the global hybrid train market, and is expected to maintain its lead throughout the forecast period.

• In 2019, the passenger segment accounted for about 88.4% of share in the global hybrid train market, and is expected to maintain its dominance till the end of the forecast period.

• In 2019, the 100-200 km/hr segment accounted for 51.3% market share in 2019, and is anticipated to grow at a rate of 6.8% in terms of revenue, increasing its share in the global hybrid

train market.

• The passenger segment is the fastest-growing application segment in the Asia-Pacific hybrid train market, and is expected to grow at a CAGR of 6.6% during 2020-2027.

• Asia-Pacific is expected to grow at the fastest rate, registering a CAGR of 6.8%, during the forecast period.

• In 2019, Europe dominated the global hybrid train market with more than 39.6% of the market share in terms of revenue.

The Hybrid Train Industry's key market players adopt various strategies such as product launches, product development, collaboration, partnership, and agreements to influence the market. It includes details about the key players in the market's strengths, product portfolio, market size and share analysis, operational results, and market positioning.

Diesel-electric hybrid trains are most widely used railway vehicles across the globe, owing to their advantages, such as reliability, safety, sustainability, and others, over conventional fuel trains. Railroad transportation is more fuel-efficient than road transport, owing to its ability to efficiently transport heavy loads or passengers with minimum cost and reduced pollution.

- Kawasaki Heavy Industries, Ltd.
- SIEMENS AG
- TOSHIBA CORPORATION
- Hyundai Rotem Company
- China Railway Rolling Stock Corporation
- Stadler Rail A

David Correa Allied Market Research +1 800-792-5285 email us here Visit us on social media: Facebook X

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