

Fuel cells have become a popular and effective technology for warehouse logistics, offering benefits such as reduced operational costs, improved efficiency, and compliance with environmental regulations. Overall, the fuel cell industry is experiencing revolutionary developments, and the increasing demand for fuel cells is expected to drive the worldwide sustainable energy transition in the coming decade. The Indian Ministry of Ports, Shipping, and Waterways has also announced plans to develop hydrogen-fueled electric vessels, reflecting the country's push for greener shipping. Partnerships between automotive companies and city authorities are being formed to test hydrogen-powered buses, while fuel cell trains are already running in Germany and expected to expand to other countries. Additionally, several experimental projects are exploring the use of fuel cells in aerospace, with the aim of enabling long-range and continuous operations. Major retailers like Walmart are adopting fuel cell technology, and it is expected that the fuel cell industry in warehouse logistics will generate significant returns in the coming years.