

Global Market for Hydrogen Fueling Stations

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Abstracts

This is a market research report on the global market for hydrogen fueling stations. The focus of this study is hydrogen stations being built to support transportation encompassing cars, SUVs, minivans, buses and trucks.

The report analyzes the infrastructure needed to drive the hydrogen fuel-cell vehicle market. It discusses major players and industry trends in this rapidly emerging market. The report provides forecasts covering hydrogen station deployments, station capacities, and deployment costs. It contains detailed data for each region and for major countries in each region.

The research report says the deployment of hydrogen stations in major markets is in full swing, solidifying prospects for large-scale consumer adoption fuel cell vehicles. The deployment activity is particularly brisk in Asia, where Japan and Korea are strong proponents of the hydrogen economy.

In Europe, Denmark was the first country to deploy a nationwide hydrogen fueling infrastructure, the report said, but the real charge is being led by Germany, which is establishing 400 hydrogen fueling stations in the next six years. In the U.S., the state of California is aggressively deploying hydrogen stations as part of its efforts to combat greenhouse gas emissions.

While the costs of hydrogen stations are declining, their capacities are increasing. By 2032, hydrogen stations will have aggregate capacity of 3 million kg/day, according to the report. The competition for dominance in the fuel cell vehicle market will be vigorous, triggering significant technological innovations and cost declines.

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