

Top 10 Hydrogen-Powered Vehicles Guide

A quick look at hydrogen-powered cars, buses, trucks, and concepts leading the clean mobility shift.

Bonus Tip:

Hydrogen vehicles are expanding fast in **fleets, logistics, and public transport**, even faster than in personal cars. Watch these sectors closely for growth.

1. Toyota Mirai (Japan)

The world's most recognized hydrogen-powered sedan.

- ✓ 5-minute refuelling
- ✓ Up to 402 miles range (U.S. EPA estimate)

2. Hyundai NEXO (South Korea)

A sleek hydrogen SUV with cutting-edge driver assistance features.

- ✓ Zero emissions
- ✓ 380 miles range (approx.)

3. Honda Clarity Fuel Cell (Japan/USA)

Discontinued in 2021 but still a landmark in hydrogen innovation.

- ✓ Quiet, smooth ride
- ✓ Helped push early infrastructure

4. BMW iX5 Hydrogen (Germany)

A luxury hydrogen SUV prototype based on the BMW X5 platform.

- ✓ Dual hydrogen tanks
- ✓ Expected commercial rollout in limited markets

5. Riversimple Rasa (UK)

A super-lightweight, futuristic city car focused on efficiency.

- ✓ 300-mile range
- ✓ Open-source design model

6. Nikola Tre FCEV (USA)

Heavy-duty hydrogen truck aimed at long-haul logistics.

- ✓ Range over 500 miles
- ✓ Commercial testing in progress

7. Hydrogen-Powered London Buses (UK)

Part of the public transport system's zero-emission goals.

- ✓ Quiet operation
- ✓ Lower CO₂ footprint per passenger

8. Hyzon Motors Trucks (Global)

Hyzon produces hydrogen trucks for Europe, Asia, and North America.

- ✓ Focused on commercial fleets
- ✓ Up to 400+ miles range

9. Toyota Sora Bus (Japan)

Japan's answer to sustainable public transit.

- ✓ Used during the Tokyo Olympics
- ✓ Clean, quiet, and efficient

10. Airbus ZEROe Concepts (Europe)

Hydrogen-powered aircraft concepts for commercial aviation.

- ✓ Still in R&D phase
- ✓ Goal: Zero-emission commercial flight by 2035

Driving the Future

The Transition from EV to H2V, Electric, Hydrogen or Both? The hydrogen revolution is upon the world but the disasters of the past are haunting.

[View the book here](#)

