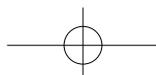


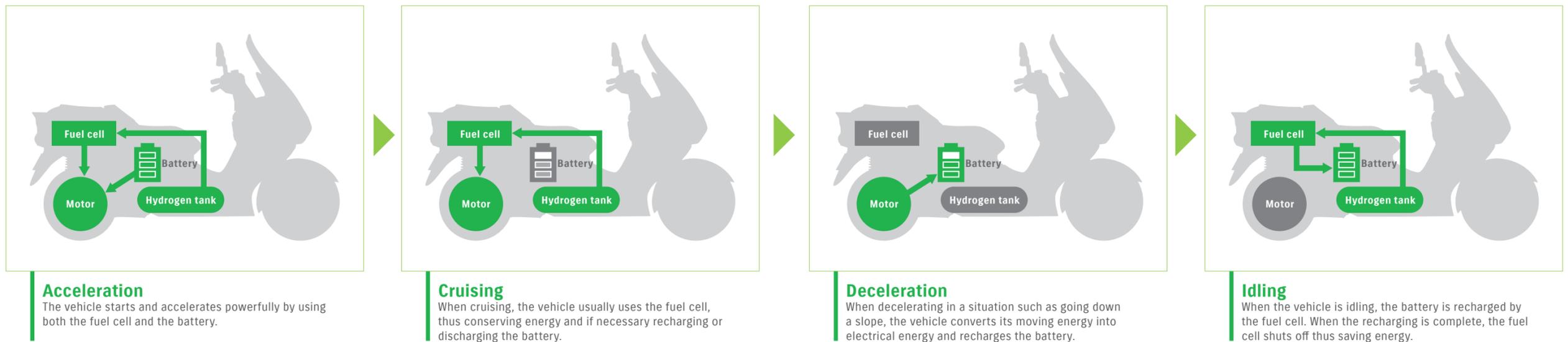
S u z u k i ' s F u e l - C e l l V e h i c l e s



Environmentally Responsible Performance for Every Rider

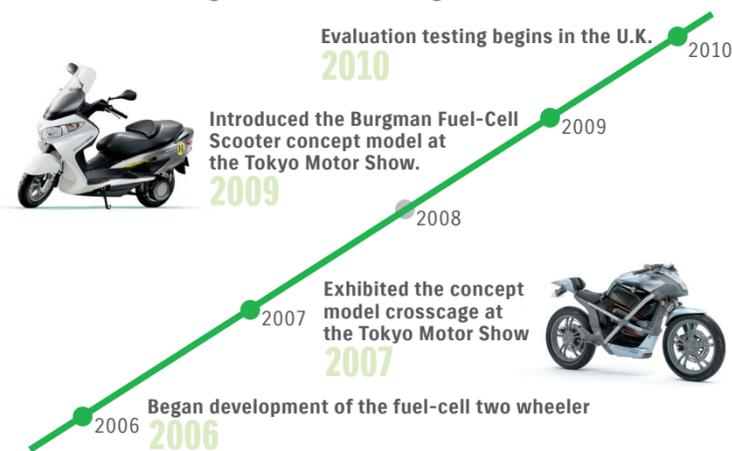
Fuel cells give clean energy as they produce electricity through a chemical reaction between hydrogen and oxygen in the air. In a future zero-emission society, Suzuki's fuel-cell vehicles will realize user-friendly, environmentally responsible transportation for diverse needs.

How Fuel Cell Works | The Suzuki's fuel-cell vehicle in its standard operating mode is designed to reduce energy to a minimum in acceleration, cruising, deceleration and idling.



Making It Happen

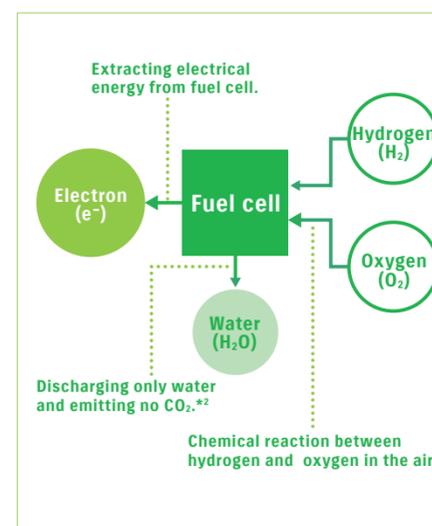
With a view to commercializing the fuel-cell vehicles, Suzuki is carrying out many running tests.



Benefits of Fuel-Cell Vehicles*1

Fuel-cell vehicles have less than half the CO₂ emissions of petrol vehicles*2, so they are a great way to mitigate global warming. And since hydrogen for them can be extracted from various substances, they can help end our dependence on oil.

The fuel-cell vehicle is the ultimate in eco-friendliness aiming for a sustainable society. The Suzuki's fuel-cell vehicles have many benefits for people and also for the earth.



- Benefit 1: A wide variety of sources**
Since hydrogen is readily available from a variety of sources, it will help realize a low carbon burning society*2.
- Benefit 2: Significant reduction in CO₂ emissions**
Because it can run efficiently with hydrogen, the emission of CO₂ is less than half of that of petrol vehicles, even including the stage of producing hydrogen.
- Benefit 3: Adequate riding range**
Equipped with a high-pressure (70MPa) hydrogen tank, the vehicle can travel far without refueling. Refueling takes only a few minutes.

*1 For Polymer Electrolyte Fuel Cell.
*2 The fuel cell does not emit CO₂, but CO₂ may be emitted when extracting hydrogen.

Suzuki's Fuel-Cell Vehicles

BURGMAN **Fuel-Cell Scooter**

Suzuki has equipped the city-friendly Burgman scooter with a simple air-cooled fuel cell made by British company Intelligent Energy, miniaturizing parts so well that even the hydrogen tank fits into the frame for safety and practicality. High tank pressure helps to realize a riding range of 350km (measured at a constant 30km/h)*³.



The fuel cell is air-cooled and concomitantly light, compact, and structurally simple, mounting a high-pressure hydrogen tank (70MPa) (first ever for motorcycles)*⁴.



CROSSCAGE **Fuel-Cell Motorcycle**



The crosscage is a fuel-cell motorcycle in which a simple, compact, lightweight air-cooled fuel cell system and a high-performance secondary battery are brought together in a way that realizes optimal power control. A fuel cell unit from British company Intelligent Energy delivers quick activation with low fuel consumption, and a lithium-ion battery combines safety with a low environmental burden. The simplicity, compactness, and lightness of these technologies not only make the crosscage environment-friendly; they also help enable sporty styling befitting the Suzuki name*⁵.

MIO **Fuel-Cell-Powered Electric Wheelchair**

The MIO Fuel-Cell-Powered Electric Wheelchair uses a methanol solution as fuel.

The MIO runs with the electricity that is not charged from the battery but generated by the fuel cell*⁶. You can use the vehicle for a long time without the need to connect to an outlet to charge. The MIO can run immediately by using a methanol water solution as the fuel. In addition, one time refueling enables long-range driving of 60km (measured at a constant 6km/h)*³. The MIO offers more convenience and reliability when going out.

Fuel cartridge to support going out without anxiety

The fuel cartridge provides peace of mind against unexpected stoppage. Even if the fuel were to run out, the cartridge makes refueling easy and can provide an additional operating range of about 8km.



*³ Riding range is a figure from a certain test. Riding range may differ depending on the environment (e.g. traffic jams) and driving (e.g. sudden start).

*⁴ Suzuki research as of October 2009.

*⁵ The crosscage is a concept model of 2007 Tokyo Motor Show.

*⁶ The fuel cell is manufactured by Mitsubishi Gas Chemical Company, Inc.



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