

Mitsubishi Electric Vehicle



I-MiEV specs

47 kW, 180 Nm

Accelerates 0 to 80 km/h 1.5 sec faster

140 km/h max speed

Quieter

Range up to 160 km

7 hour recharge, approx \$1.60

3-phase 50kW recharge 25 min

Target battery life 10 yrs/150,000km

Price?

Hydrogen Cells

US\$2b expended but still no end in sight

Production of hydrogen problematic

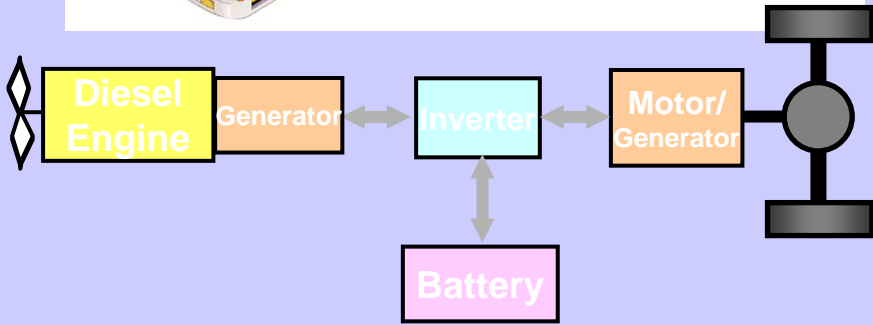
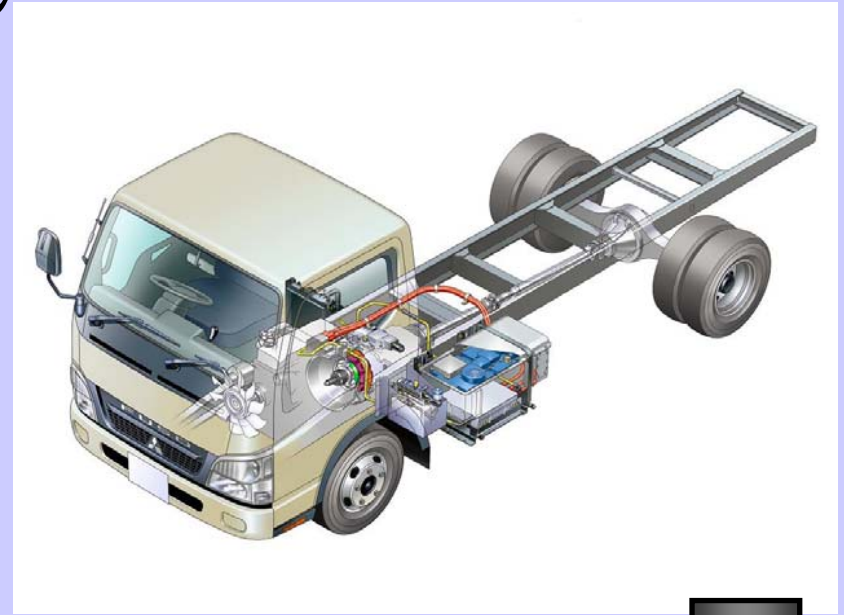
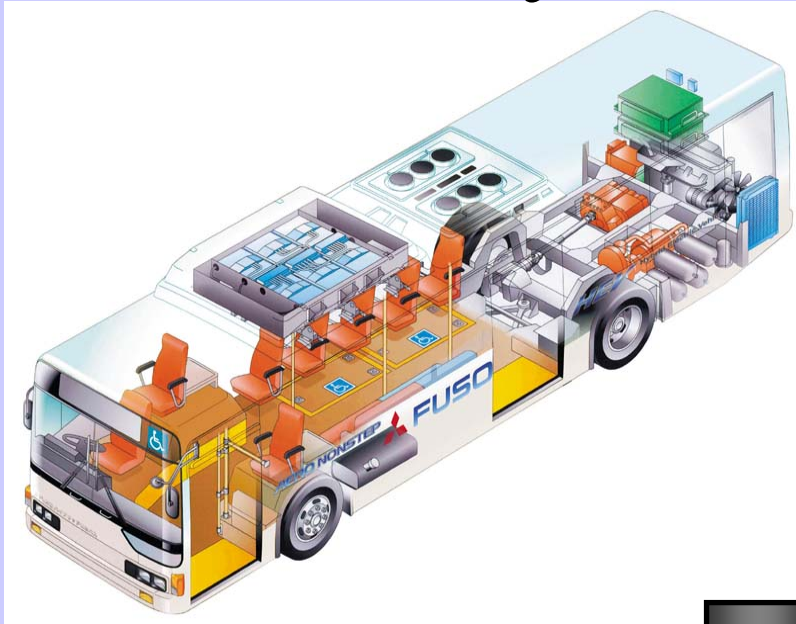
Storage and distribution infrastructure

Dispensing

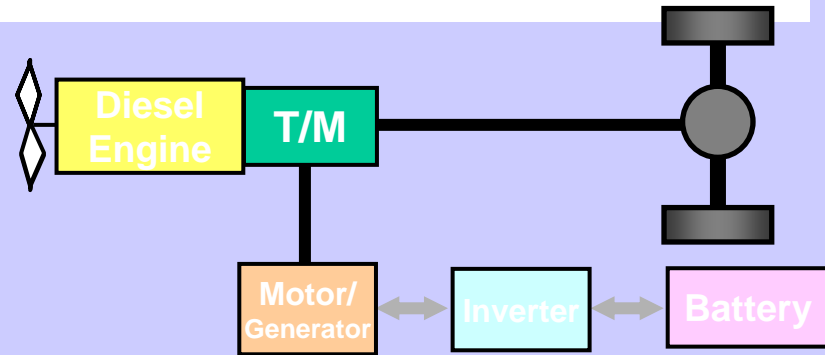
Fuel tank

Cost (\$ and energy used to obtain)

Hybrid Systems



Series Hybrid System



Parallel Hybrid System

Where To?

Hybrids will be the mid term position, being equipped with optimised petrol/diesel powered generators in series systems with in-wheel motors.

Hydrogen has too many medium term issues to resolve.

Diesel and petrol will continue in mainstream for many years.

Fuel blends will improve in their quality and FFV will become more viable and reliable.