

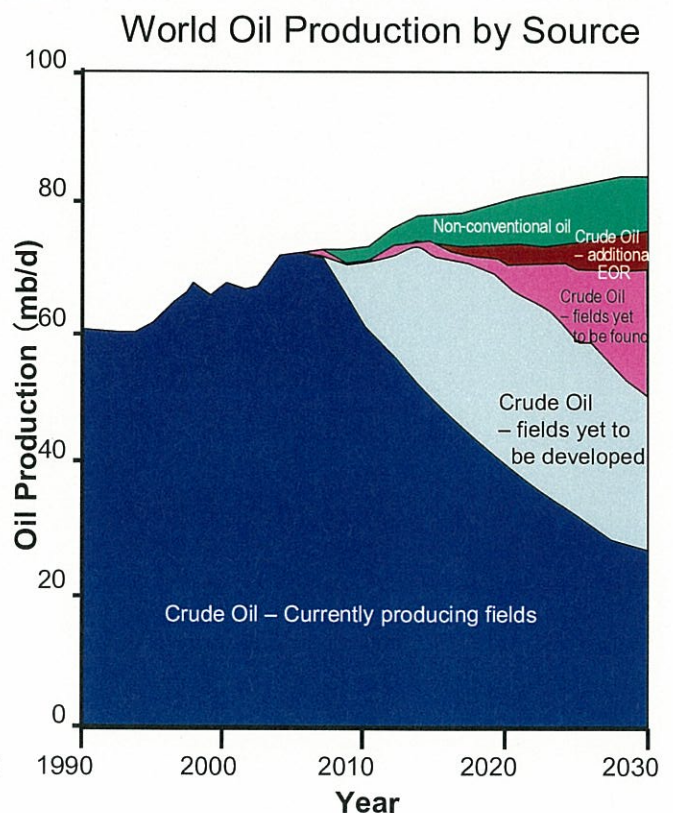
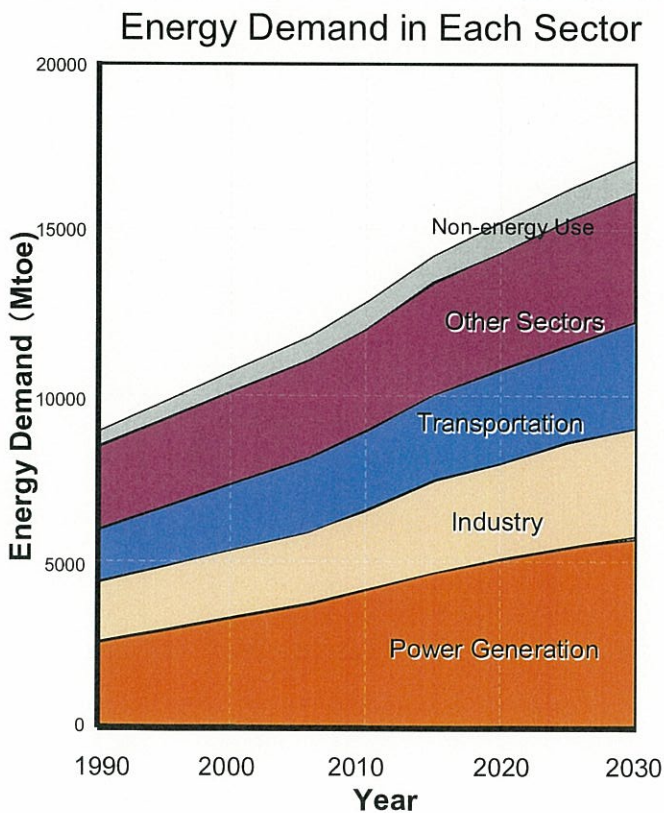
# Fuel Cell Electric Vehicle Development of Honda

Takashi Moriya  
Operating Officer  
Honda R&D Co., Ltd.  
September 21, 2010

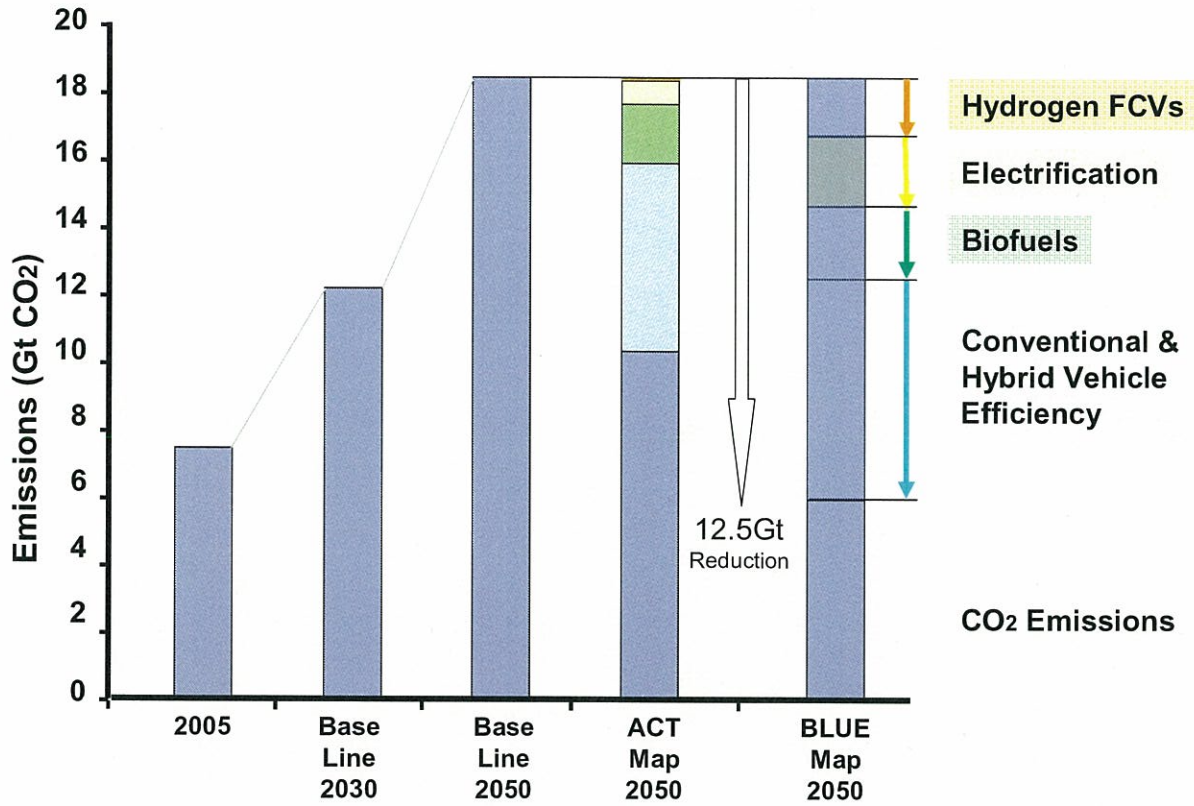
Blue Skies  
for Children

## Energy Demand & World Oil Production : Forecast

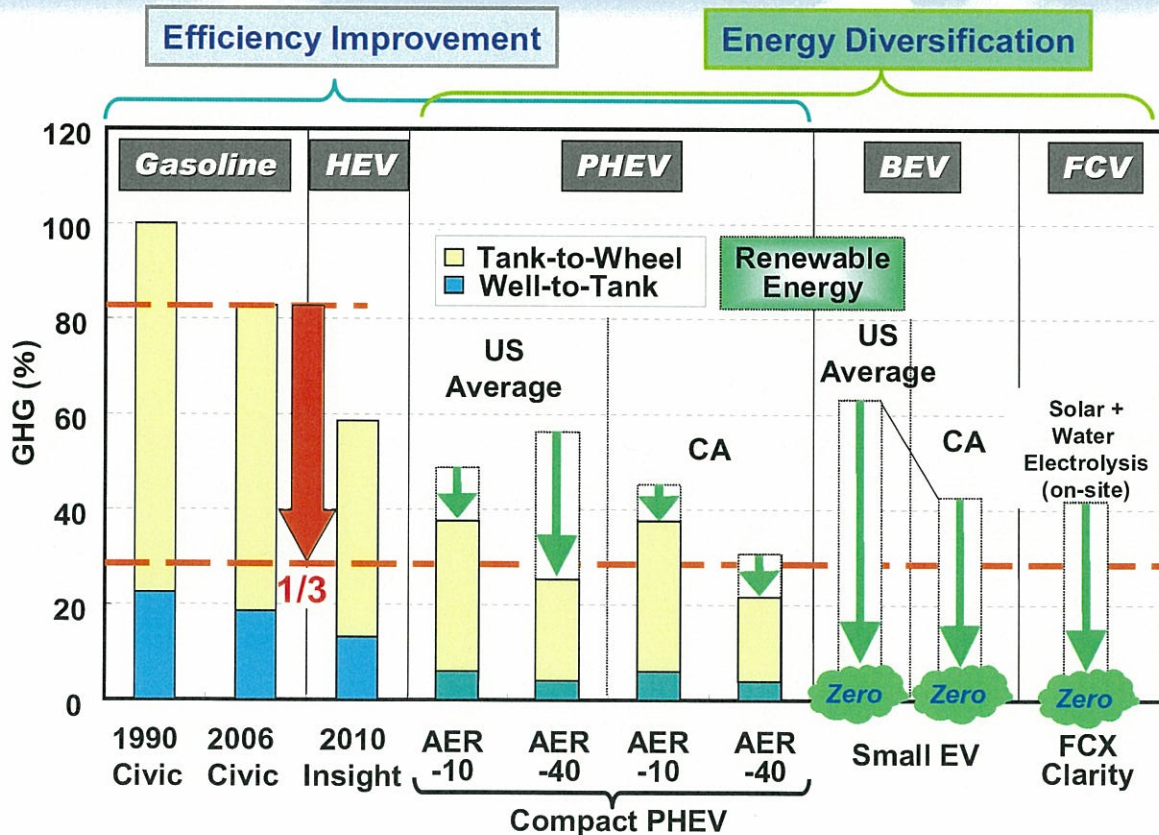
**HONDA**  
The Power of Dreams



Source: WEO 2008 Reference Scenario

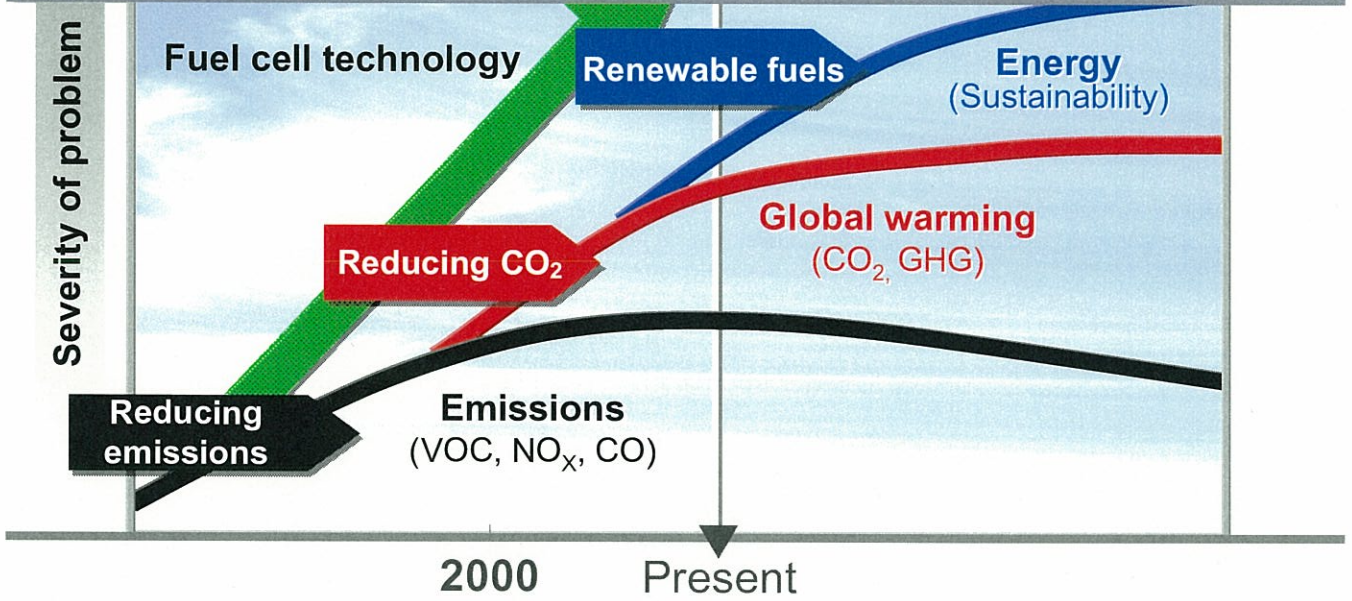


Source: ETP2008

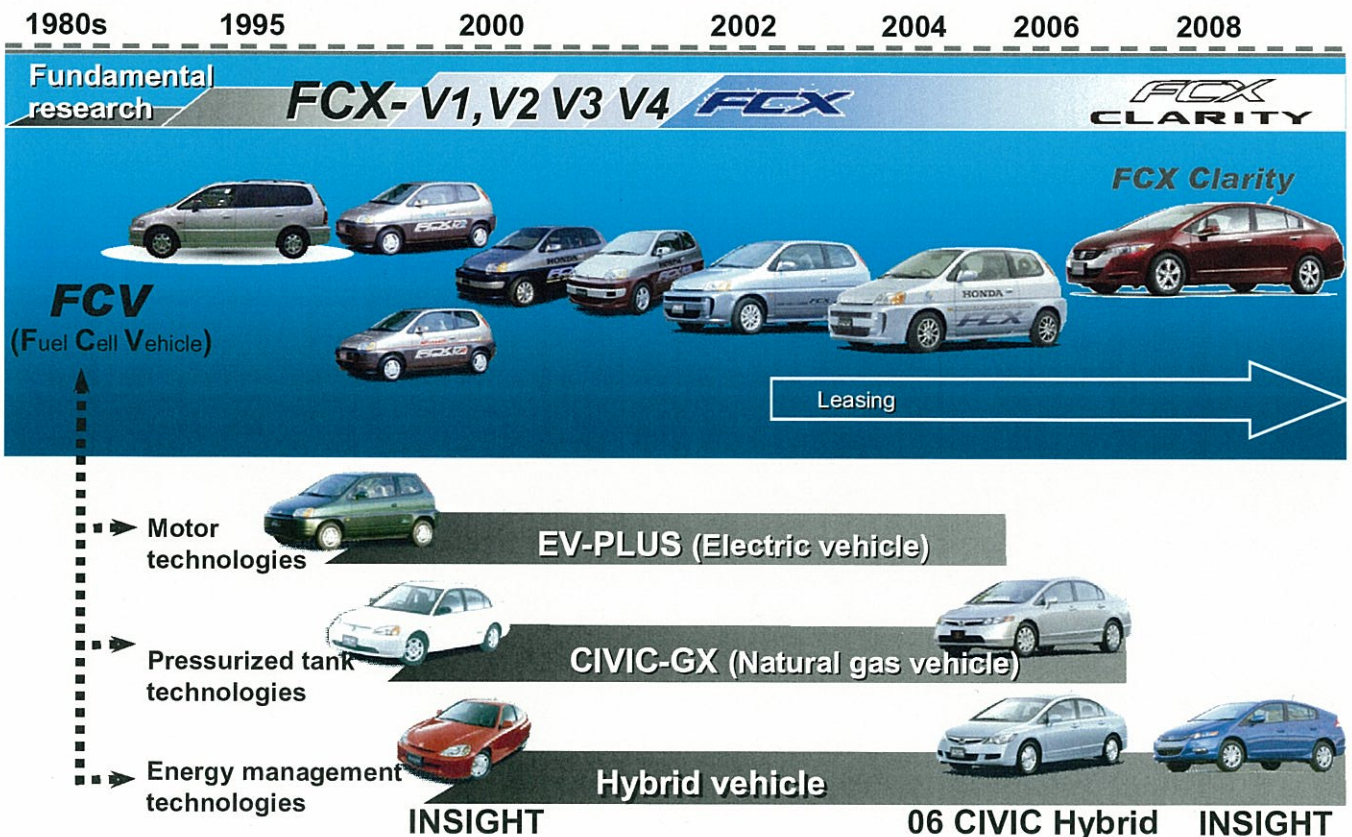


Running on naturally generated hydrogen

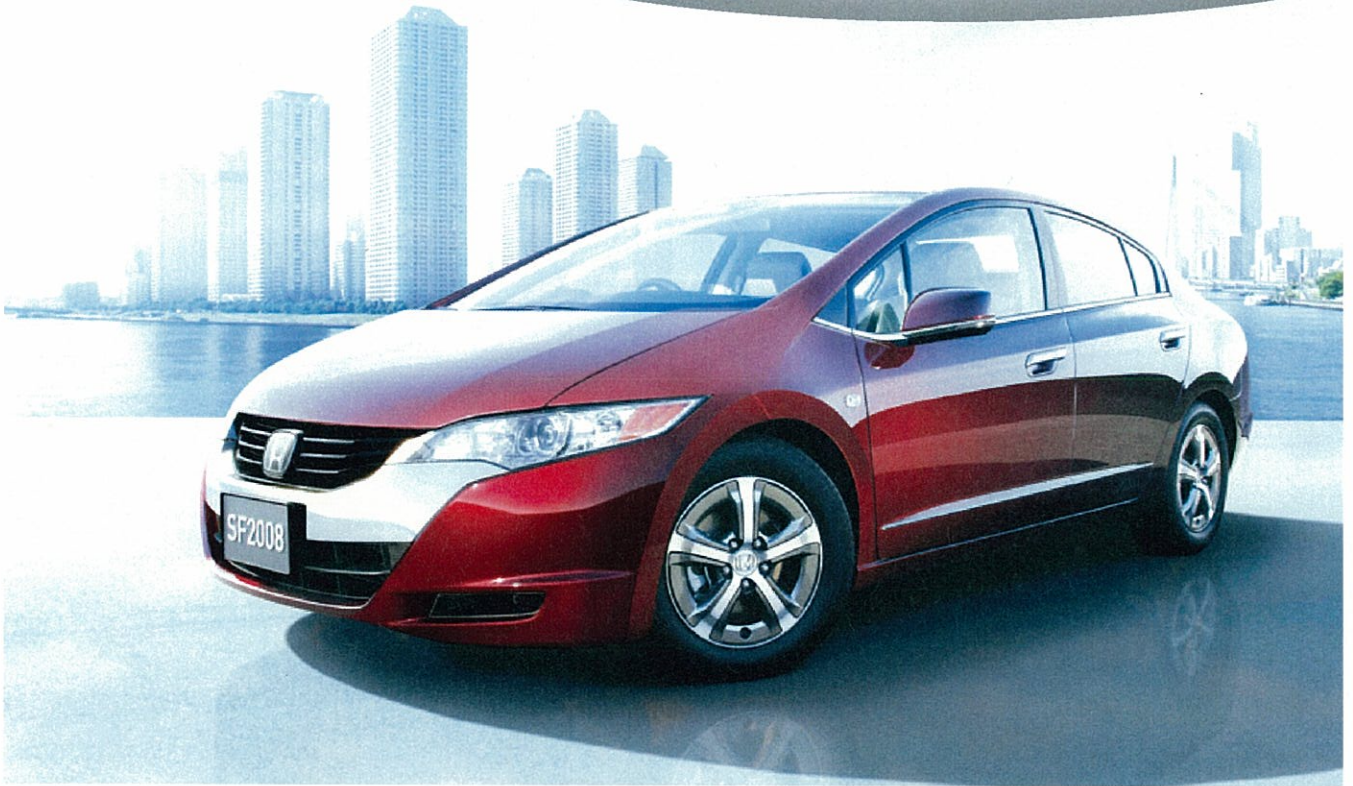
## FCEV



# Development of Fuel Cell Vehicles



# FCX CLARITY

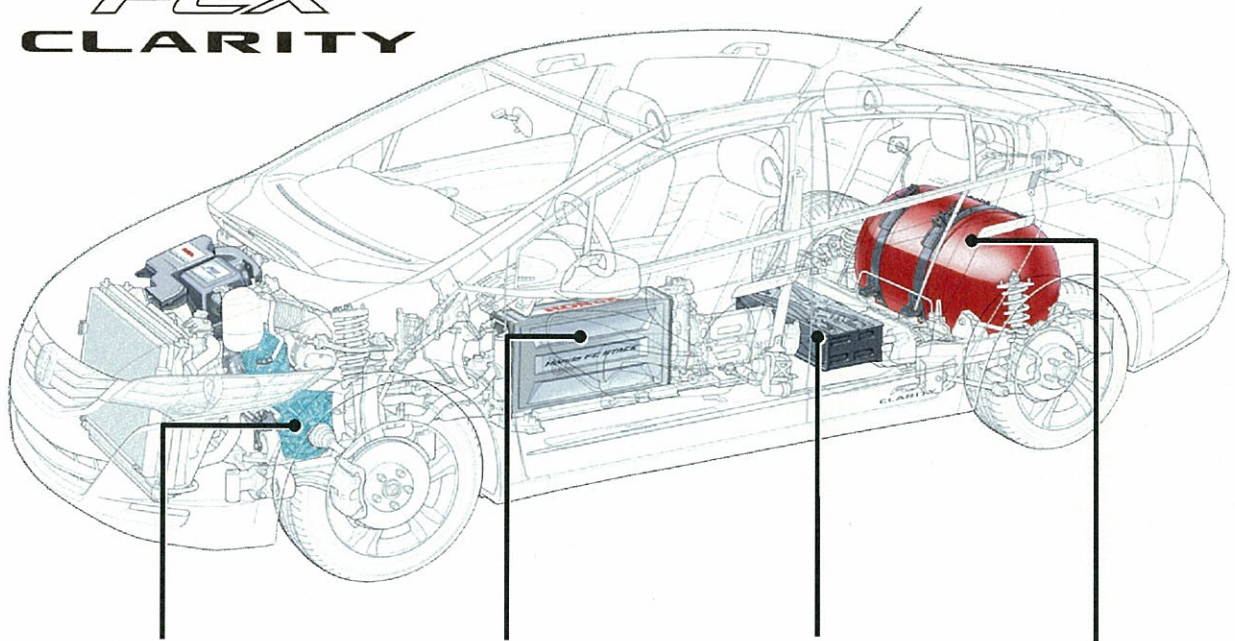


Blue Skies  
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## FCV Powerplant Components

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### FCX CLARITY



Coaxial Electric Drive  
Motor and Gearbox

V Flow Fuel Cell Stack  
(Center tunnel layout)

Lithium-Ion  
Battery

High-Pressure  
Hydrogen Tank