GIES Symposium Session

—The Realization of an Environmentally Sustainable Transportation System—

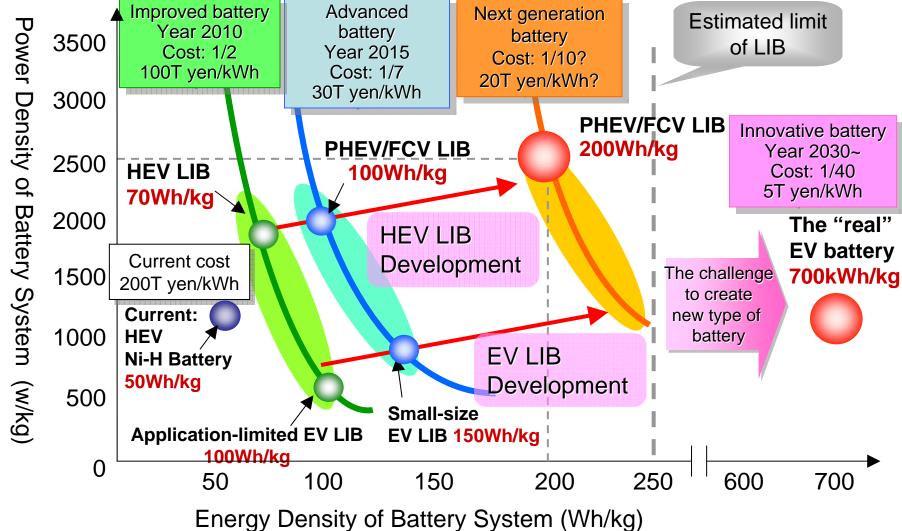
2008/3/14
Mitsubishi Chemical Group
Science and Technology Research Center, Inc.
President and CEO
Iwao Yamamoto

Electric Vehicles *rom the materials perspective*

- 1. Direction of Automotive Battery Development
- 2. Designing High Energy Batteries and it's Ideas
- 3. Addition of High Function to Automotives
- 4. Social Infrastructure Based on the New Concept

Direction of Automotive Battery Development

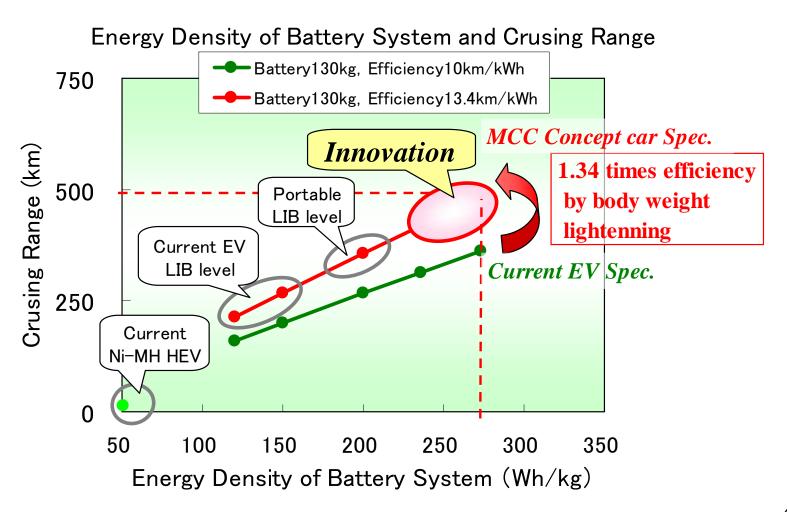
Reference: Based on Next Generation Battery 2007/2008 (Nikkei BP) and "Proposals for the Future of Next Generation Automotive batteries" (METI)



LIB: Li-ion secondary battery EV: Electric vehicle HEV: Hybrid electric vehicle

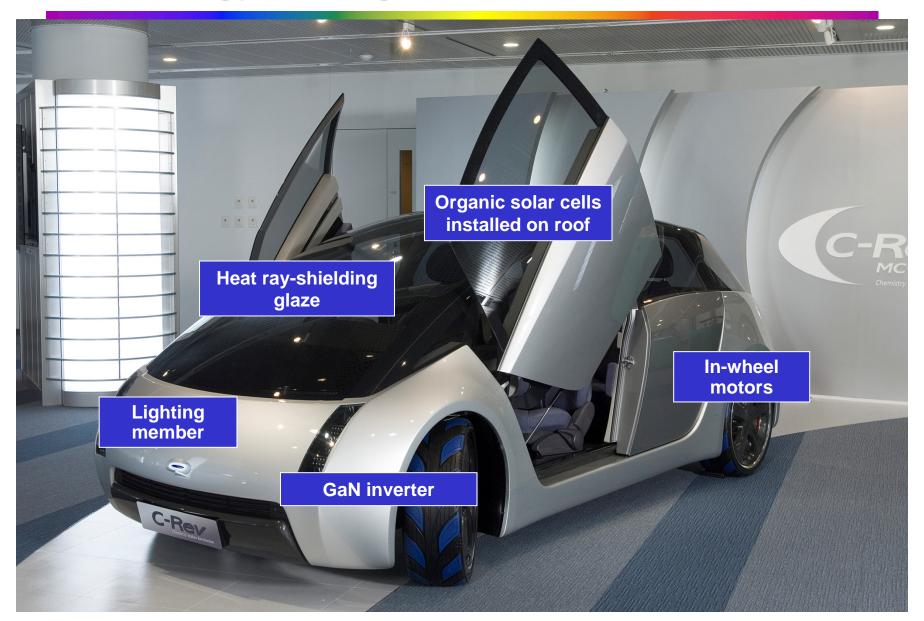
PHEV: Plug-in Hybrid electric vehicle FCV: Fuel cell vehicle

Designing High Energy Batteries and Cruising Range



人、社会、そして地球環境のより良い関係を創るために

Energy-saving Functions on Vehicle



Good Chemistry for Tomorrow

人、社会、そして地球環境のより良い関係を創るために。

★株式会社三菱ケミカルホールディングス