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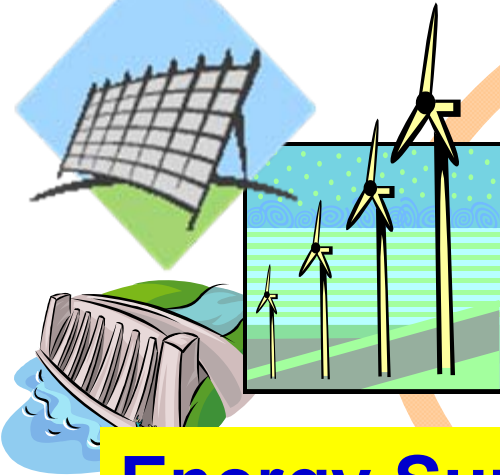


**September 13th, 2011**  
**Mitsubishi Motors Corporation**

# What EV Will Bring

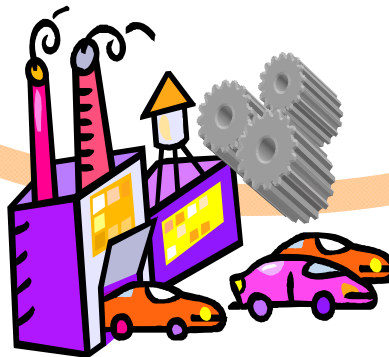
## Home life, Car life

Renewable Energy  
PV, Wind Power,  
Hydro-energy...



## Energy Supply

Battery, Motor,  
Inverter, 2<sup>nd</sup> use



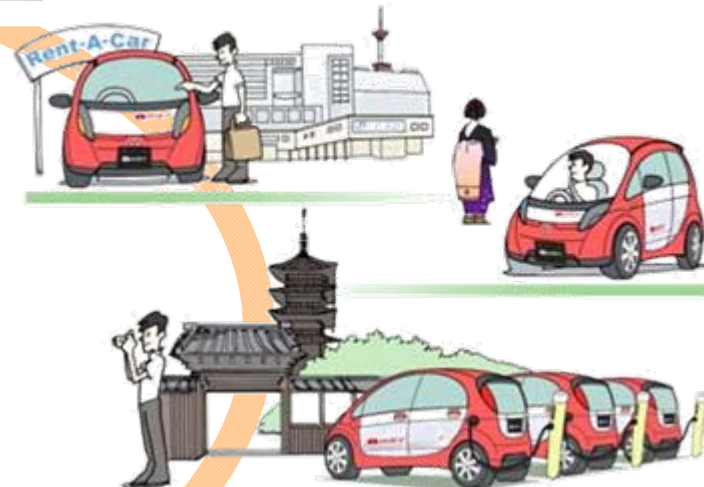
## Automotive industry

Electrification,  
Green Power,  
Smart Grid...



## Transportation

EV Taxi,  
EV Car sharing  
Park and Ride...



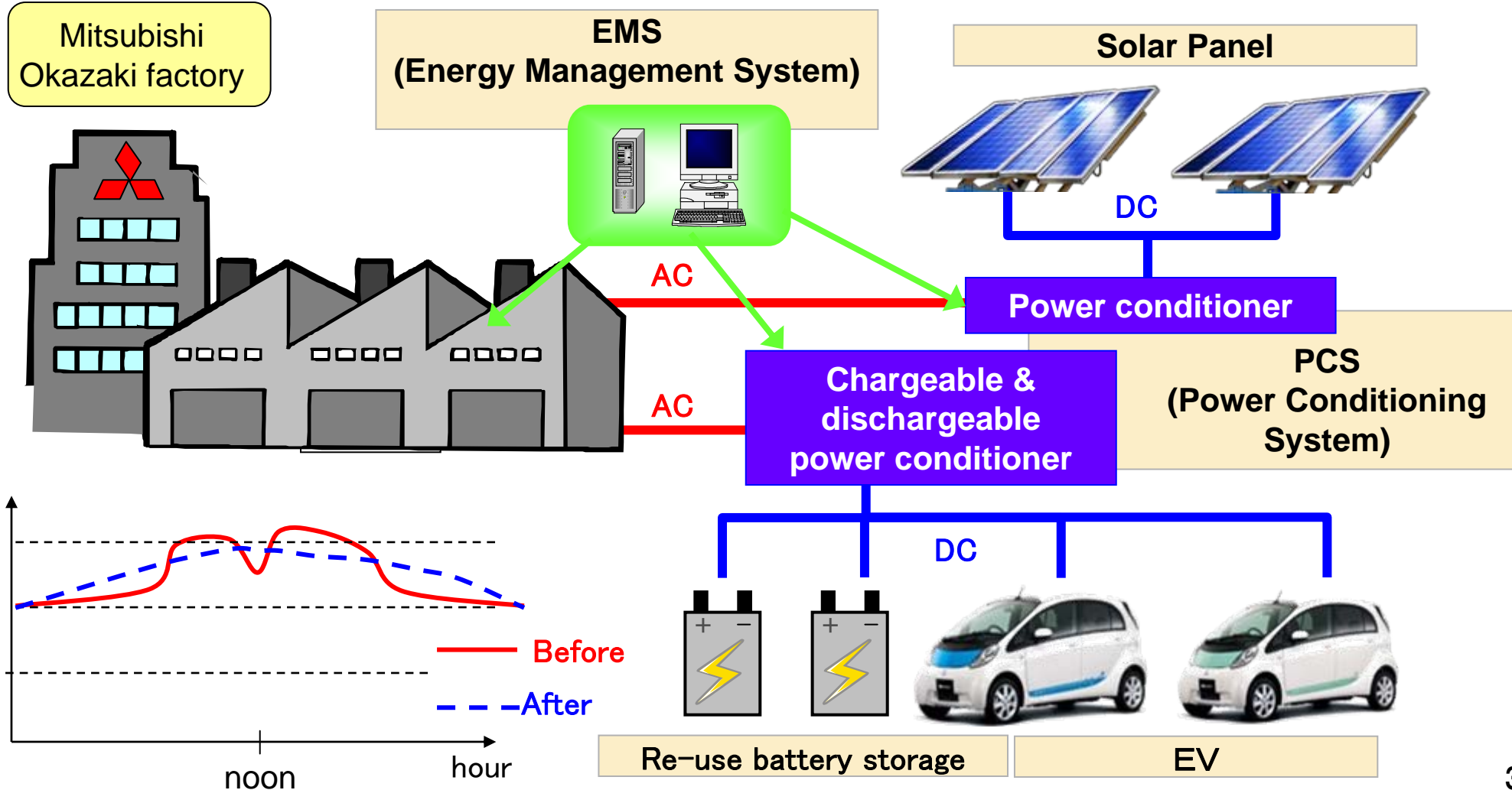
# Progress of “MiEV Factory Project”

Test equipment with solar panels, PCS(Power Conditioning System) and re-use batteries storage will be set in front of Okazaki factory’s building. The test is scheduled to start in March, 2012.



# Mitsubishi Motors "V2X Project" outline

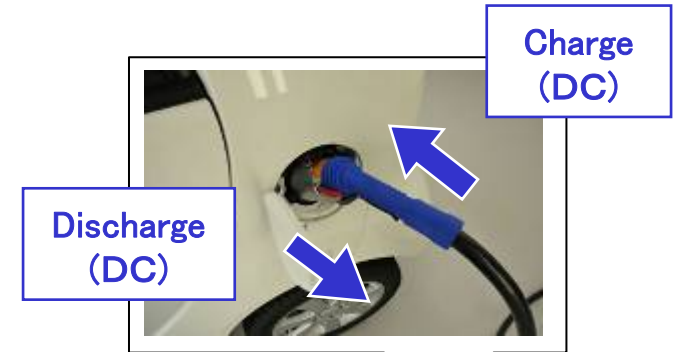
Energy Management System (EMS) development in Okazaki.  
EMS use electricity made by solar panels, EVs and re-use batteries storage and equalize Okazaki factory's electric power demand.





# Discharge function

We support our dischargeable i-MiEV as one of the functions of the house by using the intelligent power conditioner.



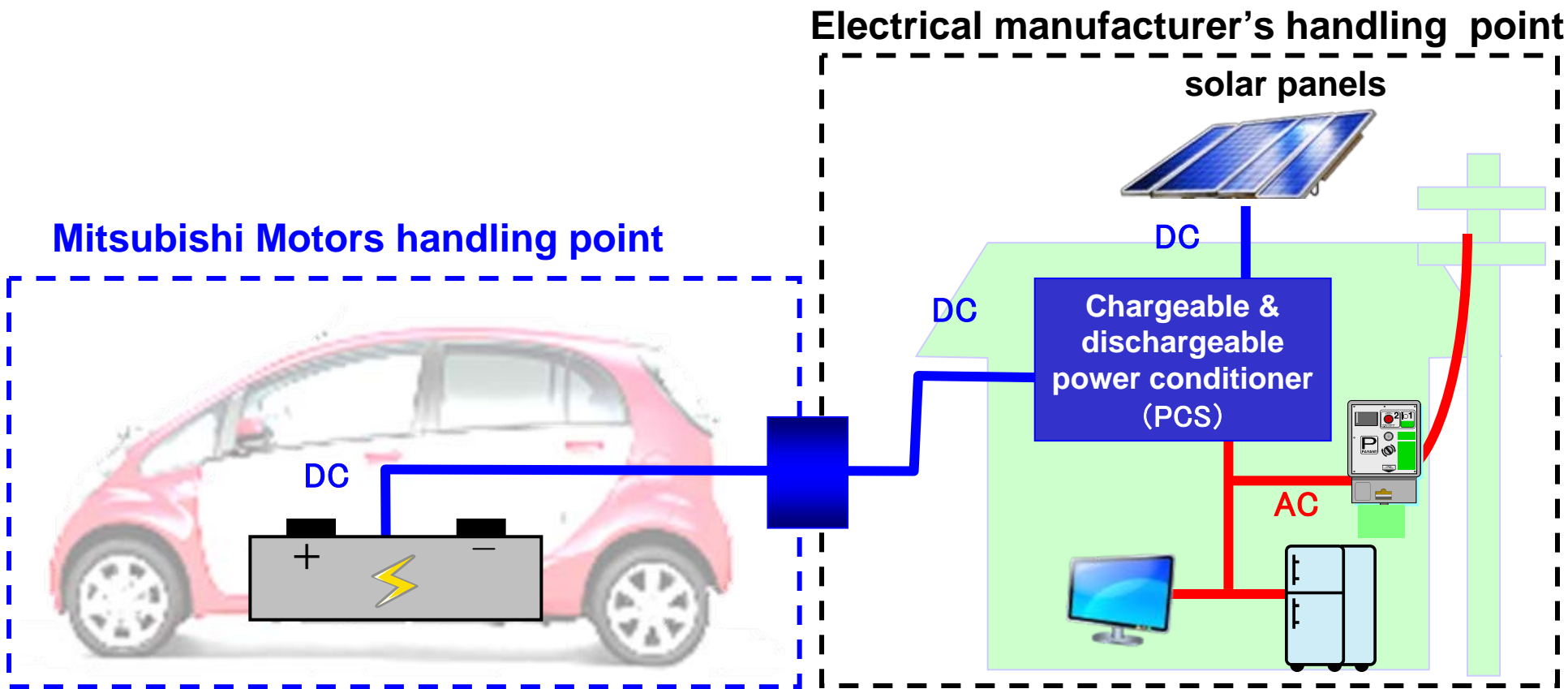
**i-MiEV with dischargeable function**

# Developments and tasks of power supply from EV

To develop conversion from DC(EV's battery) into AC(home appliances) is needed. Then, the technology to output electric DC power from EV and change into AC power by **“Power Conditioner”** in home is under study.

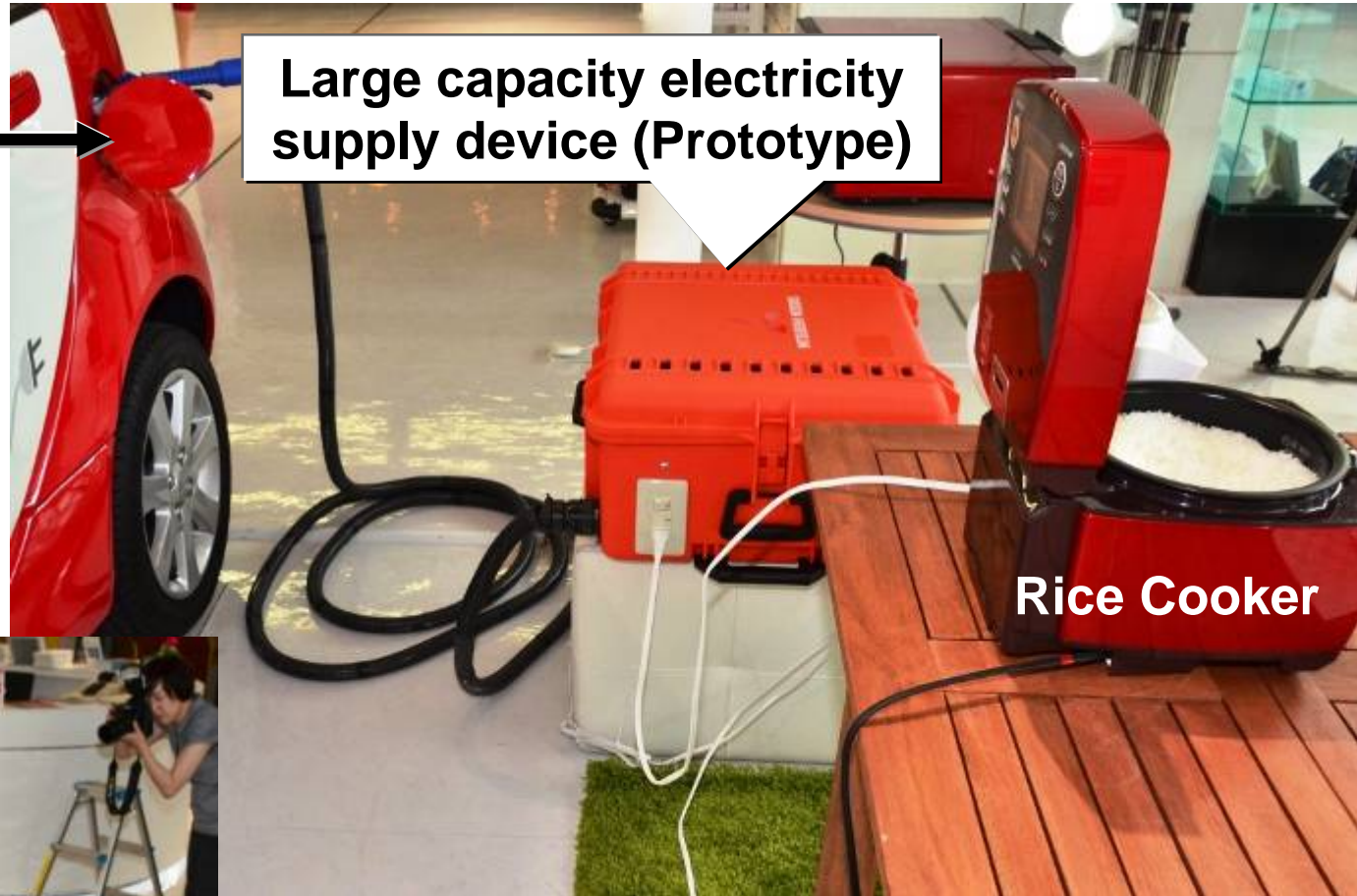
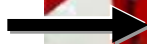
There are still many issues to solve in this method.

(ex. **Technical standards** of discharge function , Development of laws, etc. )



# Large capacity electricity supply device (Prototype)

Quick Charger port



Large capacity electricity supply device (Prototype)

Rice Cooker





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