

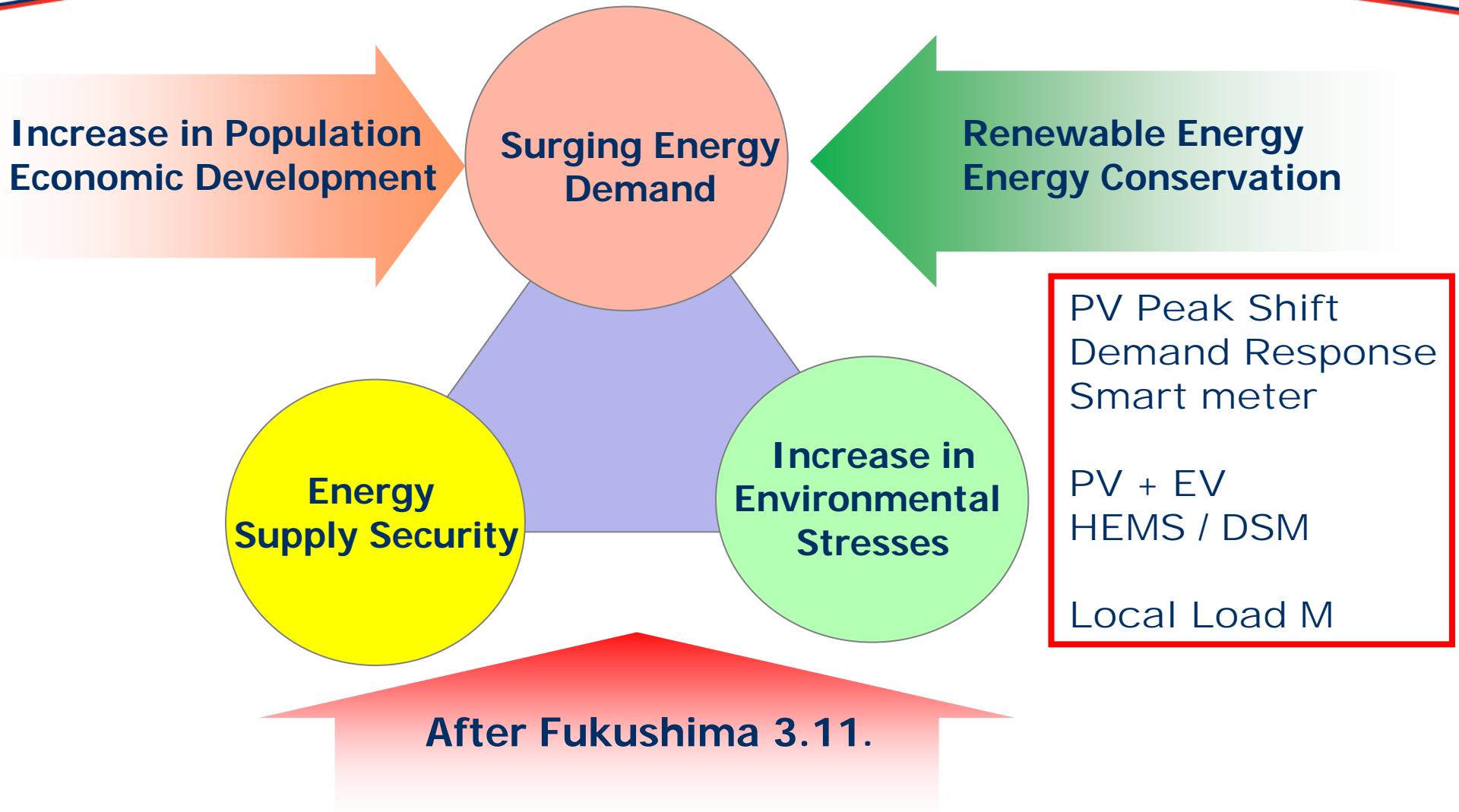
Experts Meeting  
Session 2A Business Case  
13 September 2011

# New Business Opportunity for Smart Community by Solar Power

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Solar Frontier K.K.



# Three Hard Truths - After Fukushima



# Key Element for Smart Community

- Demand Management with PV  
HEMS, Smart meters, Peak Shift,  
Dynamic pricing, Demand Side Management  
Intelligent PCS with PV,
- Energy Storage with PV/Battery/EV  
New Battery, Mutual Energy Exchange,  
V2H, V2G, (EV/pHV), Emergency Use,
- Local Energy Optimization  
Local Load Management  
Local Energy Management System

# We support the Smart Community



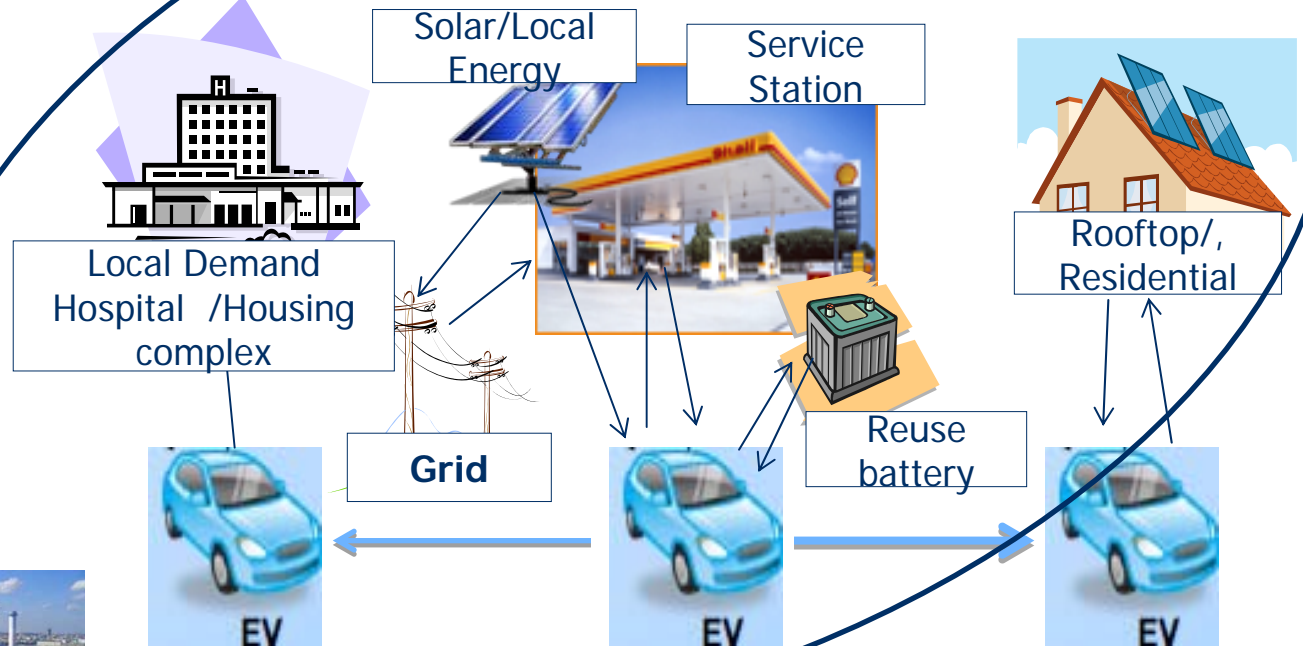
Energy Conservation  
In case of Emergency,  
Life-line Support SS



PPS



Mega Solar  
GPPS



- ✓ Decentralized power generation - better prepared for natural disasters
- ✓ Cost reduction from shorter power grids and energy conservation
- ✓ CO<sub>2</sub> Reduction