



### **Low Carbon Society related policies in Japan**

- 2007 Feb. :** Low Carbon Society (NIES) research interim report  
**June :** PM Abe Cool Earth 50 (Global reduction of 50% in 2050)  
 in Heiligendamm G8
- 2008 May:** PM Fukuda's vision ( 60-80% reduction in 2050 from now)  
 "Low Carbon Society" in PM's Basic Policy in Congress speech  
 "Low Carbon City" -10 cities designated  
**June:** LCS Rnet proposed and accepted at G8 Environment  
 Ministers Meeting in Kobe  
**Nov. :** 6 levels discussed for 2020 Mid -term Reduction Target  
 6 bottom-up /top-down techno-economic models invited
- 2009 April:** LCS Rnet approved: G8 LCS Technology Forum in Trieste  
 Prime Minister Aso: "Low Carbon Revolution" for recovering  
 current financial crisis (solar energy, eco-car, eco-point,,)  
 "Low carbon Asia" research project started (NIES/IGES/others)
- June:** Prime Minister Aso announced Japanese Mid -term Target  
 15% domestic reduction (base year 2005)

**A research result to endorse Japanese policy of 60-80% reduction in 2050**

## 2050 Low Carbon Society, Japan

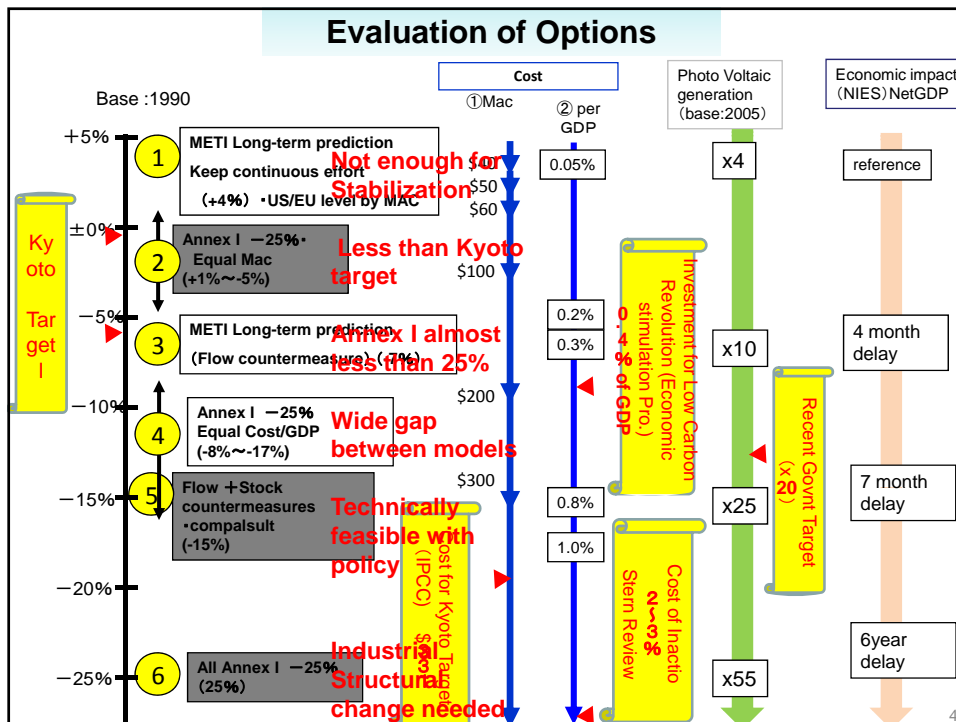
**Key conclusion:**

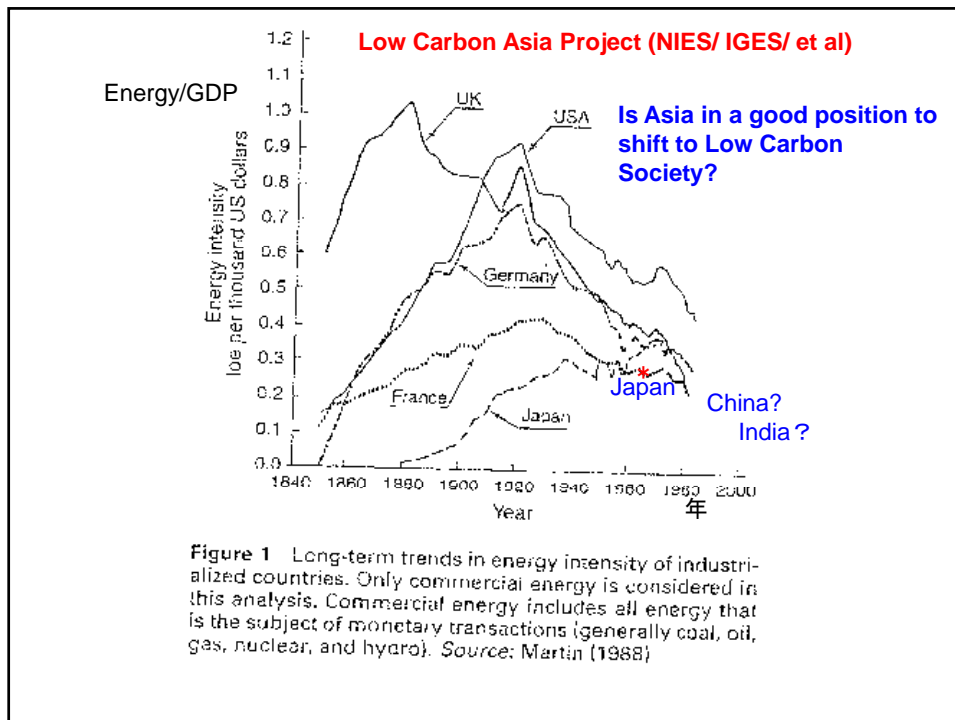
Japan has the technological potential to reduce its CO<sub>2</sub> emission by 70% compared to the 1990 level, while satisfying the expected demand for energy services in 2050.



**Innovation necessary in technological/industrial/social infrastructure policy**

Prime Minister Fukuda in Congress (Jan. 2008)“..maximize Japanese environmental power, lead world transition towards Low Carbon Society...”  
 (May 18) Japanese long-term target 60-80% reduction until 2050,





### Organize worldwide Low Carbon Society Research Network

#### Objectives of LCS-RNet

- Promote information exchange and research cooperation that covers various issues relating to low carbon societies (LCS).
  - Promote understanding of LCS dialogues between researchers and various stakeholders including policy-makers, businesses, citizens, and others to share national and sub-national visions on low carbon societies.
  - Contribute to international policy-making processes on climate change such as G8 and other high level policy processes by providing research outcomes and recommendations.
- Ten research institutes from 6 countries initiated
  - IGES serves as secretariat