

# **Aligning LCS and Sustainable Development**

Summary of Breakout Group  
Discussion

Chair: Jim Skea

Presenter: Jiang Kejun

Rapporteur: Manmohan Kapshe

# Key Issues

- **How far the developing countries can contribute? (The potential)**
- **The need of policy for promoting such steps**
- **Learning from other countries and cooperation**
- **Linking with LCS project**

# How far the developing countries can contribute? (The potential)

- Win-win is very wide in conceptualization
- Win-win options have a significant potential in many developing countries
- LCS for developed and developing countries are not two different things as focus is local but the global considerations are important
- Development choices open to developing countries that could allow achievement of a LCS more cost effectively
- Both economic and social issues are important
- Different approaches for different sectors e.g. the industry may take up energy efficiency easily but for the households it may be difficult

# The need of policy for promoting such steps

- LCS and SD objectives.. are they aligned?
- Energy efficiency and behaviour both are important
- Investments required....Incentive policies or Market based instruments... which way to go?
- Short term v/s long term perspective on policies
- Investment lock-in to unsustainable technologies is a problem
- Government support is critical, reflected in public procurement and product standards
- Policies related to suitable incentives for investors and the fostering of public awareness and lifestyle change

# Learning form other countries and cooperation

- Realizing win-win options also requires international collaboration
- Knowledge transfer (policies and practices) and technology sharing
- Most effective technology transfer often comes through the private sector
- Availability of efficient technologies is crucial in realizing win-win opportunities
- Recent decreases in the volume of energy R&D in developed countries is of concern. However, there is increase in energy R&D in some developing countries
- Policies to be coupled with international collaboration at the regional and global levels.

# Linking with LCS project

- Fostering public awareness and lifestyle change will help
- R&D in all countries is critical to a sustainable, low carbon future
- Taking early action will help to reconcile the Low-Carbon Society with sustainable development
- Engaging people with wider knowledge base related to sustainable development issues

# Conclusions

- **Do win-win solutions exist?**
  - Significant potential in many developing countries
  - Technical possibilities
  - Available choices
    - Improving Energy efficiency
    - Alternate fuels (Nuclear, Wind, Biomass, etc.)
- **Steps needed**
  - Government support, social acceptability, political will
  - International collaboration, Trade regimes
  - Financial instruments, Investments
- **Benefits**
  - Energy security, land conservation, reduced pollution, sustainable cities and environmentally sustainable transportation
- **Approaches**
  - Sustainable development perspective is important
  - Some measures common to all countries, other issues, e.g. energy poverty and household energy efficiency, need careful assessment in their local context