

# **Summary of Day 1**

## **Demands and Roles of Research from a Policy Perspective on Sustainable Low Carbon Development**

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# LCS policies in Thailand - Status

- Strong support from Thai government for LCS
- Various government institutions have set policy frameworks and initiated LCS projects
- Focus areas include
  - Energy efficiency, demand side management, renewables,
  - Waste management,
  - Urban forests.

# Features of LCS policies in Thailand

- Translating LCS into the Thai context: emphasis on sustainable, balanced & secure development
- Co-benefits
  - Adaptation,
  - Income generation: save energy and save money
  - Better amenities: promote modal shifts
- Linkage with natural resource management
- LC Cities:
  - Several experiments ongoing at the urban level
  - Local knowledge is important for adaptation policies, especially when integrating adaptation and mitigation e.g. forest areas, sustainable resource use
- Capacity-building is essential

# Sufficiency Economy – translating LCS into the Thai context

- Development = sustainable, balanced & secure for people's well being
- Sufficiency Carbon Society
  - Enabling decoupling of improving quality of life and carbon mitigation
  - Allow flexibility in projections to accommodate scientific and other uncertainties

# Barriers

- To diffuse LCS technologies and measures, barriers must be removed
  - Modal shift requires a supportive urban environment and infrastructure
  - Financial restrictions
  - Popular scepticism/resistance
    - Governments need to keep the population well informed during the policy-making process
  - Existing regulations can hinder LCS policies, limiting transparency in the policy-making process

# Next Steps and Suggestions

- Cooperation between policy-making and research communities
  - Sharing available scientific knowledge and information, and
  - Identifying a future research agenda
- Importance of networking
- Promotion of Public –Private Partnership for financing LCS

# Research agenda

- Modeling excises have been done; on future scenario, emission projections, etc.
- Strategic approach focusing on the following areas:
- Natural resources; energy and water,
  - Human resource development,
  - Projections, forecasting models,
  - Use of local knowledge/wisdom
- Strategies for financing research and technical assistance are needed for
  - linkages with natural resource
  - balanced research topics
  - increasing number of CC researchers
  - databases