

# Application of AIM toward LCS in Asia

## Key findings of LCS Workshop in Cambodia, Vietnam and Indonesia



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# Objective of AIM Research project

## Three dimensions of Asia-Pacific Integrated Model (AIM) Research Project

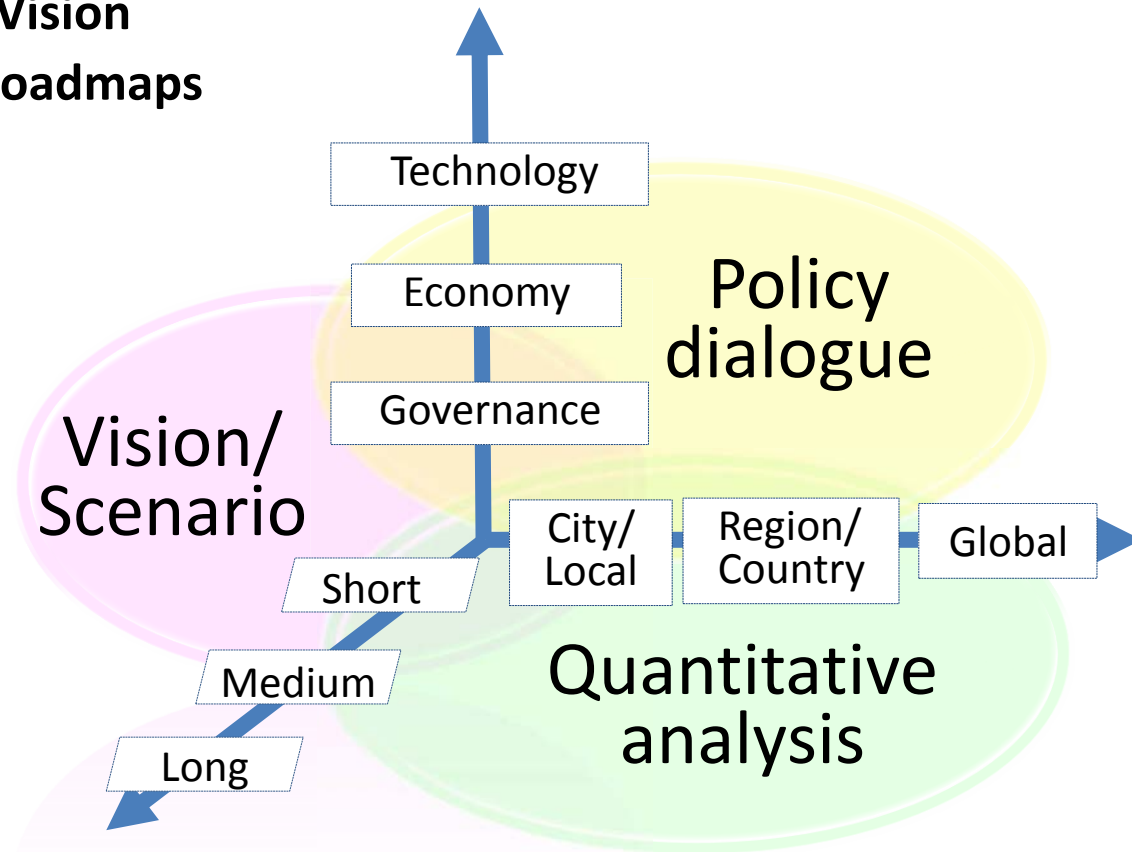
- Development scenarios towards low carbon societies
- Quantification of future LCS Vision
- Development of robust LCS roadmaps

### in the context of

- Spatial scale: Global, Regional/Country, City/Local
- Temporal scale: short-term, mid-term, long-term
- Social aspects: Governance, Economy, Technology, etc.
- Capacity development

### Process

- Setting the target
- Identify cost effective LCDS measures and Co-benefits
- Informed decision making in line with science





LCS Workshop in Cambodia:

## **“Designing and establishing Cambodian Low Carbon Development Plan”**

- ◆ Organized with Ministry of Environment Cambodia, Kyoto University, IGES, and NIES in 29<sup>th</sup> May in Phnom Penh

### **The objective of this workshop**

- to discuss Cambodia’s status on the progress on climate change and find the pathways to achieve low carbon society in Cambodia by conducting information exchange and discussion both with policy-makers and researchers in Cambodia.
- to build capacity while raising awareness among Cambodian researchers and policymakers to develop a Low Carbon Development Plan. In order to achieve these objectives
- to introduce the AIM

# Key Findings of Cambodia LCS Workshop

- Presentation focused on development issues on sector base
- Limited data and the capacity to analyze the data
- Limited research about climate change due to the budget shortage





## Key Findings of Cambodia LCS Workshop

- Necessity to conduct research to find the co-benefit between the improvement of people's livelihood and GHG emission reduction
- Necessity to enhance research capacity through collaborative research with researchers in developed countries and its neighbor countries' researchers
- Necessity to improve awareness building to consider its own mid-to-long term sustainability through the visualization of GHG emissions and their impacts

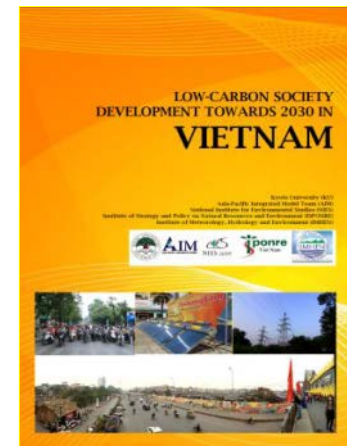
## “Exploring Potential for Low Carbon Society” in Vietnam

- ◆ Organized with Institute of Strategy and Policy on Natural Resources and Environment (ISPONRE), Kyoto university, NIES, LCS-RNet/IGES in 31<sup>st</sup> May, 2012, Hanoi

### The objective of this workshop

- to identify the methodologies for sustainable Low Carbon Society (LCS) in Vietnam and exchange opinions to explore their usefulness and challenges
- to introduce the study outcome

## “A Low Carbon Society Development Towards 2030 in Vietnam”





# Atmosphere of the LCS Workshop in Vietnam





## Key Findings of Vietnam LCS Workshop

- limited ideas about what is green and low carbon growth for Vietnam, and how these ideas will be different among different stakeholders in Vietnam
- necessity of research at both macro and micro levels to identify sustainable economic structure and suitable technology options
- Necessity of capacity development in all different layers of Vietnam society





## Key Findings of Vietnam LCS Workshop

- necessity to encourage Vietnam's policy makers to conduct logical decision-making towards low carbon society based on sound scientific and economic analysis
- expect to get the practical research outcomes which would facilitate Vietnamese policy maker find the trade-offs and co-benefits
- clarification of the theme and topic is important in applying AIM for Vietnam's low carbon development strategies

# **“Low Emission Development Scenarios (LEDs) of Energy Sector: Preliminary Result of AIM exercise**

- ◆ Organized with the National Council on Climate Change (DNPI) and JICA Indonesia office in 6<sup>th</sup> June, 2012

## **The objective of the workshop**

- to sharing an initial findings of energy policy assessment to relevant ministries and key stakeholders
- to get feedback for further works in developing a comprehensive framework of low carbon emission development scenarios

# Atmosphere of the LCS Workshop in Indonesia





## Key Findings of LCS Workshop in Indonesia

- the center of discussion was what approach Indonesia should take for its low emission development
- necessity to persuade the importance of both top-down to identify economic impact and bottom-up model for the best technology options to the participants, by also persuading the importance to conduct the mid-to long term analysis and develop the comprehensive roadmap for all sector.



## Common Challenges in Cambodia, Vietnam, and Indonesia towards the application of the AIM

- there are wide range of donors who were working on strategies for their own concept and methodologies for low carbon and green growth
- Each donor use different language and establish different partnership, so that their priority is different each other
- importance to clearly communicate about the strengths of AIM and how it will be useful for other donors' projects and each country's decision making process with easy words



Thank you so much for your attention!

