Overview of GMS Core Environment Program and Biodiversity Conservation Corridors Initiative (CEP-BCI) Phase 2 and the Climate Change Adaptation Component

Roundtable Discussion on Climate Risk and Vulnerability Assessments and Design of Adaptation Options in the GMS

GMS Environment Operations Center
12 March 2013
ADB, Bangkok
CEP-BCI Phase 2 (2012-2016) - Structure

**OUTCOME: ENVIRONMENT FRIENDLY AND CLIMATE RESILIENT GMS ECONOMIC COOPERATION PROGRAM**

**IMPACT: IMPROVED BIODIVERSITY CONSERVATION AND CLIMATE RESILIENCE ACROSS THE GMS**

**COMPONENTS & SUBCOMPONENTS**

- Environmental planning systems, methods and safeguards improved
  - Planning support
  - Safeguards strengthening
  - Monitoring
- Improved management of conservation landscapes for sustainable livelihoods
  - Biodiversity landscape monitoring & management
  - Value chain development
- Climate resilience enhanced and low carbon development promoted
  - Adaptation & climate resilience
  - National SFM and REDD+
  - Mitigation
- Strengthened institutions and sustainable financing for environmental management
  - Strengthening institutions (WGE, NSU, EOC)
  - Sustainable financing
Assessments of natural capital stocks and flows and climate change risks

Monitoring environmental performance of responses

Integrating ecosystem services & climate change considerations into planning and safeguards processes

Piloting Innovations: ‘green’ value chain, low carbon and climate resilience

Institutional and financing capacity development
Climate resilience and low carbon strategies developed

ADAPTATION AND CLIMATE RESILIENCE
1. Climate change modelling/ monitoring capacity building
2. Risk assessment and identification of adaptation interventions
3. Testing and replication of adaptation options

REDD
1. Strengthening national REDD+ strategic planning and policy instruments
2. Strengthening forest and carbon monitoring systems
3. Testing and development of REDD+ system with equitable and inclusive benefit distributions systems

MITIGATION
1. NAMA awareness raising
2. Technical capacity building for mitigation MRV systems
3. Testing and development of low carbon interventions
## Climate resilience

| Creating enabling conditions for greater uptake of adaptation interventions | • Creating high level awareness and sharing knowledge and experience  
| • Supporting national climate change plans  
| • Integrating adaptation into investments and local development plans |
| Improving the technical capacity on climate risk management | • Regional knowledge consortium  
| • Climate change modeling and monitoring  
| • Risk assessment and adaptation planning (including cost-benefit analysis)  
| • Testing adaptation interventions |
| Increasing access to climate risk financing through decentralized institutions | • Identifying customized financial / insurance products for communities  
| • Investigating investment feasibility (e.g. re-insuring micro insurance)  
| • Establishing decentralized mechanisms (e.g. micro insurance) |
A. Establishment of a consortium of institutions, academic experts and practitioners

B. Online infrastructure
- Training Modules
- Analytical/Interpretation tools
- Data Archive
- Climate change adaptation assessment framework, guideline, and manual
- Supportive processes
  - Communication/interactive tools
  - Regional workshops

C. Applications
- Climate change risk and vulnerability assessments in 30 communities in Cambodia, Lao PDR and Vietnam
  - Planning processes
  - Feasibility assessments
  - Piloting of adaptation interventions

3-4 Experts per country
THANK YOU!