

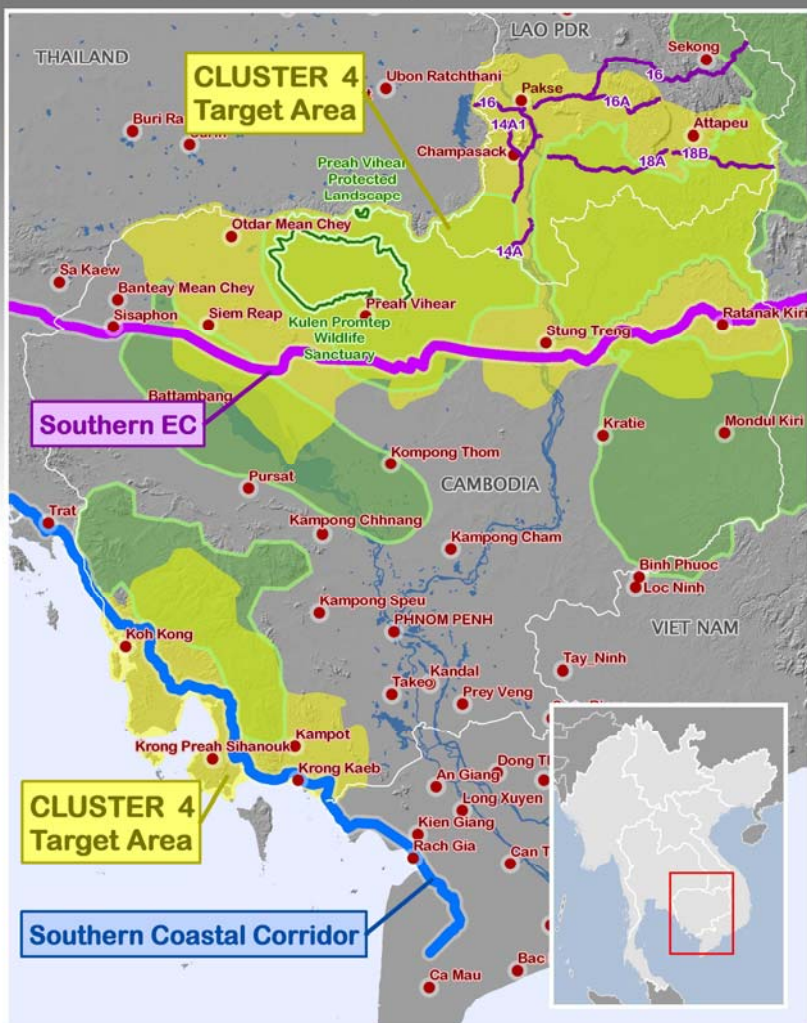
CONCEPT CLUSTER 4:

Integrated Approach to SEA, BCI and EPA on the GMS Southern Economic Corridor

WGE SAM3

13 January 2009, Vientiane, Lao PDR

SEC, SCC and Cluster 4 Target Area



Geographic focus:

- Southern Economic Corridor (SEC) incl. Lao road 14, 16 and 18
- Southern Coastal Corridor (SCC).

Background:

Significant assets:

- Critically important habitats
- Substantial natural resources' values
- High cultural values

Threatened by:

- Pressures from unsustainable sector development
- High incidence of poverty

Rationale:

Consolidation into spatial cluster to:

1. Facilitate greater implementation synergies
2. Strengthen cross-fertilization and coordination
3. Enhance efficiencies



Proposed activities:

- 1. Cumulative effects assessment and spatial planning in the SEC;**
- 2. Pilot SEA of mainstream dams in Lao PDR through ‘on-the-job’ training;**
- 3. Capacity development for sustainable tourism;**
- 4. Preparatory steps for BCI start up (promotion of eco-tourism for livelihood improvement) in Preah Vihear;**
- 5. Economic valuation of wetlands resources; and**
- 6. Economic corridor level application of EPA**

Intended Outcomes

1. Development options, network system efficiencies & possible tradeoffs evaluated for the SEC in Cambodia and Lao PDR;
2. Capacity for assessing impacts of mainstream dam development established in Lao PDR;
3. Capacity for sustainable ecotourism development strengthened in Cambodia and Lao PDR;
4. Area based landscape plans developed for Preah Vihear province, Cambodia;
5. Methodologies for assessing wetland values established for Attapeu province, Lao PDR;
6. Provincial EPA capacity developed (Cam., Lao PDR)

Activity 1: Cumulative Impact Assessment and Spatial Planning in the SEC

Scope:

1. Scoping of issues, spatial coverage and institutional context;
2. Assessment of impacts of planned development;
3. Development of scenarios incorporating relevant environmental and social concerns;
4. Valuation of assets and trade off analysis;
5. Identification of sustainable development thresholds, and safeguards/zoning options.

Outputs:

1. **Cumulative Impact Assessment Final Report, covering:**
 - Spatial planning and mitigation framework
 - Definition of safeguards and thresholds
 - Definition of options
 - Monitoring program for target sections

Activity 2:

**Pilot SEA of Mainstream Dams in Lao
PDR Through 'On-the-Job' Training**

Scope:

1. Establish analytical base and define assessment and valuation methodology;
2. Evaluate role of selected dams in securing energy supply of Lao PDR and the GMS;
3. Examine environmental issues associated with mainstream dam development;
4. Explore best practices for mitigation of environmental and social impacts; and
5. Review current financing and incentive structures for sustainable HP development.

Outputs:

1. Analytical report on environmental and social opportunities and issues related to mainstream dam development in Lao PDR;
2. Final report establishing alternative scenarios and options for hydropower development in Lao PDR; and
3. Training of WREA staff on SEA / CIA

Activity 3: Capacity Development for Sustainable Tourism

Scope:

1. Development of training manuals and guidance materials for tourism management in selected PA in Cambodia; and
2. Conduct at least two local training workshops for PA managers and site guides.

Outputs:

1. Training manuals and guideline materials;
2. Two local training workshops.

Activity 4:

**Preparatory Steps for BCI Start Up
and Promotion of Eco-tourism for
Livelihood Improvement**

Scope:

- 1. Preparatory work (baseline mapping / surveying, evaluation of tourism potential, etc.)**
- 2. Identification of current institutional management responsibilities in the PV temple and surrounding areas;**
- 3. Explore the potential to expand community based ecotourism activities; and**
- 4. Assist in general design and planning.**

Outputs:

1. Report, including:

- Baseline analysis**
- Evaluation of tourism potential**
- Area based plan for the development of community based tourism**
- Recommendations on institutional / implementation arrangements.**

Activity 5: Economic Valuation of Wetlands Resources

Scope:

1. **Social and environmental baseline assessment and data collection;**
2. **Identification of pressures and issues from economic development (literature review, expert interviews);**
3. **Development of a methodology for economic analysis (valuation) of wetlands;**
4. **Mapping of valuation results for Attapeu Prv.;**
5. **Build national capacity on wetlands valuation.**

Outputs:

1. Final report, including:
 - Methodology for wetlands valuation;
 - Recommendations for Attapeu wetlands
2. Training / information dissemination

**Activity 6:
Economic Corridor Level Application
of Environmental Performance
Assessment**



Scope:

1. EPA capacity development within provincial environmental and sectoral ministries;
2. Development of a common set of performance indicators;
3. EPA database development and improvement



Outputs:

1. Data needs assessment / gap analysis and development of training modules;
2. EPA activities mainstreamed into relevant institutions at local and national levels;
3. EPA monitoring training;
4. Common set of EPA indicators developed through workshops and seminars;
5. National EPA databases developed.

Activity 1-6:

**Proposed collaborating organizations
and coordination arrangements**

Collaborating organisations:

- GMS Transport Sector Forum;
- Ministry of Transport and Public Works (MTPW), Lao PDR;
- Water Resource and Environment Administration (WREA), Lao PDR;
- Ministry of Energy and Mines, Lao PDR;
- Mekong Tourism Coordination Office (MTCO);
- Preah Vihear Authority (newly formed), Cambodia;
- Provincial Government of Preah Vihear, Cambodia;
- Ministry of Tourism (MOT), Cambodia;
- Ministry of Environment (MOE), Cambodia;
- Ministry of Rural Affairs, Cambodia;
- Ministry of Agriculture, Forestry and Fisheries (MAFF), Cambodia; and
- Department of National Parks (DNP), Thailand.

Coordination with:

- **Clean Air Initiative - ASIA;**
- **United Nations Economic and Social Commission for Asia and Pacific (Environment and Development Division);**
- **Mekong River Commission (MRC);**
- **Wildlife Conservation Society (WCS) Cambodia Program;**
- **Friends of Preah Vihear (FPV);**
- **Food and Agriculture Organization (FAO); and**
- **IUCN and World Wide Fund for Nature (WWF)**

Activity 1-6: Summary timeline

THANK YOU!