

LAO PDR WORKING GROUP

28 January 2010

□ Response to baseline

▣ Data gaps

- The Lao national baseline assessment should mention “ Hydropower development in Lao PDR, as a priority for poverty alleviation and export oriented”
- The baseline data information should provide information on the mainstream dam engineering characteristics that would link with the information detail on river level.
- Dam alternatives following the hydropower dam optimization (principle).
- Why the SEA team has not included an expert on river navigation and river transportation?
- Why in the scoping theme phase the navigation and river transport issues are not highlighted
- Earthquake (seismological data) baseline information is not included

□ Data errors?

- The data information on the number of fish species in the Mekong it is not consistent/systematic in relation to a previous study on fish species information. Should check up and review on www.fishbase.com
- The data on paddy fields has not been identified in relation to the proposed dam development area.



- **Emphasis**

- Consideration given to navigation options

- Fishes landing station (native fish hatchery) should be considered

- 
- Guidance for progressing SEA

Power development

- Refer to dam optimization study by MRC and should meet international technical standard requirements.
- List and rank the scale of impacts for each dam on MK main stream
- Dam development on the mainstream should be integrated with navigation and river transport development

Economics

- Study and review on cost benefit analysis for each dam
- Analysis of scenario trade-offs

Social systems

- Livelihood consideration and livelihood options
- Food security, income source diversification to improve livelihood for poverty reduction

Fisheries

- Conservation of indigenous fishes species on MK mainstream and tributaries
- Development of aquaculture system
- Fishes landing station

Aquatic systems and agriculture

- Dam development should be integrated with irrigation, agriculture, aquaculture development

Hydrology and sediment

- The baseline information on Sediment flow and sediment transportation should be identified separately
- Flood warning stations

Climate change

- How to adapt and mitigate climate change in the future related dam development

QUESTION FOR CLARIFICATION

Please clarify the GHG emission intensity
(t CO₂ eq./million year 2000 international US\$)?

Greenhouse gas (GHG) emissions absolute, per capita and relative to GDP

14

Country	GHG emissions (tonnes CO2 eqv)	GHG emissions/capita (t CO2 eqv/person)	GHG emission intensity (t CO2 eqv./million year 2000 international US\$)
Cambodia	22.7	1.6	1131.6
Lao PDR	17.4	3.1	1691.1
Thailand	351.3	5.6	788.7
Vietnam	176.9	2.1	993.2
China	7219.2	5.5	1353.6
USA	6963.8	23.5	561.7
World	37766.8	5.8	672.3