

*The 5<sup>th</sup> Regional Stakeholder Forum*

*First Regional Information Sharing on Pak Lay Prior Consultation Process*

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# **Approach and Methodology for Assessment of the Pak Lay Hydropower Project**

## **Socio-economics**

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# Contents of Presentation

- I. Overview of submitted documents**
- II. Approach and methodology for the technical review**

# I. Overview of the submitted documents

## List of documents:

- **SIA** – Social Impact Assessment
- **HIA** – Health Impact Assessment
- **RAP** – Resettlement Action Plan
- **SMMP** – Social Management and Monitoring Plan
- **TBESIA and CIA** – Transboundary Environment and Social Impact Assessment and Cumulative Impact Assessment



Sticky rice field (Right Bank)

Maize Plantation



Fishing by Women near Ban Don Keuang

River Bank Erosion and Garbage Dumping

(Left Bank) Upstream of Upper Dam site

Normally Observed at Right-Bank Villages

# I. Overview – Social Impact Assessment

- **Information provided on:** from population, socio-economic situations, land use, infrastructure facilities, water use and supply, transportation, navigation, energy sources, public health to land acquisition and compensation, gender, and culture.
- **Number of people affected:** **744 households and 3,647 people** by impoundment, 256 households and 1,377 people indirectly affected upstream, 2,913 households and 15,363 people affected downstream, and 354 households and 1,714 people in the resettlement hosting community, totaling **4,267 households and 22,101 people**. (Upper dam site chosen to reduce number of affected people)
- **Potential impacts on livelihoods identified and measures to mitigate include:** resettlement and capacity building/training, water quality assurance, transport, navigation and public and occupational health. **Costs: \$87.9 million (~4% of total cost)**





# I. Overview – HIA, SMMP, RAP

- **Health Impact Assessment:** risks related to changes in living conditions, reduced water quality and existence of hazardous chemicals, communicable diseases and mental health, dust and vehicular traffic
- **The Health Management Plan** deals with issues during construction and operation, with total budget of **US\$ 880,000**.
- **Social Management and Monitoring Plan:** guiding principles include minimization of people subject to resettlement, providing adequate funding and support to maintain living standards, promoting participation in design, planning and implementation of the resettlement plan, and identifying gender and ethnic groups and their specific needs. **Costs: US\$ 87.9 Million**



# I. Overview – TBESIA & CIA

- Overview of the current **socio-economic situation** of the potentially affected zones
- **Social risks** related to the project include: *domestic and irrigation water use risk, crop reduction risks, health and nutrition risks, tourism risks and socio-political risks*
- **Process of public involvement** with relevant authorities, communities, representatives, NGOs and researchers in all four Member Countries
- **Mitigation measures**





## II. Technical review approach and methodology

The review will:

- **Highlight the potential positive and negative impacts** described in the documents submitted;
- **Review methodology, data and process** of the socio-economic assessments, verify consistency of affected people, measures and resources proposed;
- **Identify additional potential impacts** and their magnitude – related to livelihoods, living conditions and wellbeing, and **focusing on transboundary** impacts, and mitigation measures; and
- **Provide recommendations** for further in-depth study, noting that more concrete socio-economic impacts are pending detailed hydraulic and other technical modelling.

**SIMVA – RSAT – DG 2018**



# Thank you

