

PNPCA PROCESS

- The developer should consider the cumulative TR impacts and use sufficient and correct data for the assessment. If it is insufficient, what source of MRCS or other data do they use? - (VN Hub)
- What is the status and lessons learned from the SNHPP - (VN Hub)
- In general, it is a good practice to mention the likely impacts when certain standards/guidelines are not followed - (FB Live)
- The TRR should mention the sources of data the developer should use - (VN Hub)
- What is the role of the MRCS in the PNPCA process to support the national governments? - (KH Hub)
- How does MRC and how do the developers and authorities deal with the TRR recommendations? Could it be considered to delay the project development until the issues are addressed? - (Thai Hub)
- The government of Laos has committed to 1995 agreement and engage with different stakeholders to share and provide fruitful recommendations to ensure environmental issues are mitigated and minimize - (FB Live)
- Recommended to use up-to-date data & information for the IC process - (KH Hub)
- The conclusion of the PNPCA process after 6 months is misleading. It needs to be made clear that if necessary and by the decision of the MRCS, its can be extended - (Thai Hub)
- What is the starting date of the SNHPP? PNPCA who agreed on this and based on what criteria? - (KH Hub)
- The PNPCA process informs on the impact assessments us and d/s of the dam site. The submitted documents did not include the transboundary impacts on other Countries. Who will be responsible for these impacts? - (Thai Hub)
- Comparing the overall data and reports submitted by the developer of Suanthum Dam, how does the quality and depth of data and information compare to previous documents/reports submitted as part of recent PNPCA processes such as Pak Lay and Pak Beng cases? - (Webex)
- It is recommended to conduct a more detailed assessment for this project. Propose to do the project in Pak Chom location because this will get more benefit to Thailand - (Thai Hub)
- Has the SNHPP developer used baseline data collection on hydrology, sediment, fish migration and biodiversity and the river ecosystem? - (Webex)

HYDROLOGY

- What are the impacts of water level changes due to SNHPP and how will GoL manage them in the context of the Lao Dam cascade? - (Thai Hub)
- Low flow analysis and impact is missing. Current low flow level during 2019-16 and 2018-19 should be considered in the analysis to assess transboundary impacts and develop operation plan to mitigate the impacts during emergency periods - (FB Live)
- The PNPCA should have guideline for using the quality of data for the assessment - (KH Hub)
- Are the 6.6 M3/s for the rainy season flow or dry season flow? and how can the flow ensure fish migration of fish? and how to ensure the minimum flow velocity to ensure fish migration - (KH Hub)
- How could you determine and define the short-term impacts on hydrology? - (FB Live)
- Can the SNHPP affect the Tonle Sap reverse flow? - (KH Hub)
- Did you look at hydro-peaking operation from the proposed dam? or the lower dam in the cascade, should SNHPP have a regulation or peaking role? - (VN Hub)
- Will there be enough water availability in the dry season? - (Thai Hub)
- A request to the GoL and developers to extend the study area of hydraulic model further downstream till kang kood koo - (FB Live)

SEDIMENT

- How will GoL and the developer manage sediment releases and morphological changes d/s close to the Lao-Thai border?
- Could you please explain why erosion occurs from 50-70 km upstream of the SNHPP in the TRR with the dam planned? - (FB Live)
- The model-based results in geomorphological assessment show a gradual increase of erosion and deposition in the impoundment and in downstream as well (page 31-TRR summary) in the long-term. In turn, the interaction between hydrology and geomorphological changes within the river will alter the hydrology as well. Did the Secretariat consider this issue? - (FB Live)
- What are the lessons learned from the sediment depositions monitored in the JEM in the XBR impoundment and will they be used in the SNHPPP - (VN Hub)

WATER QUALITY

- How could you maintain the WQ to ensure the fish population viability?
- What will happen with the water temperature and quality changes after the turbines? How can it be made acceptable for fisheries migration? - (VN Hub)
- It is too early to talk about WQ problems whether it's acceptable or not at this stage - (VN Hub)

ENVIRONMENT

- How does the GoL plan to protect the MRC operation of Xayaburi and Don Sahong dams in 2020-2021 to monitor the real impact, is there a possibility to wait for the result of the monitoring and the result should be used to inform the design of new project study? - (FB Live)
- Suggest having a comprehensive assessment on the impact on environment - (VN Hub)
- What study has the MRCS done on the e-flow? Can you clarify what exactly needs to be considered to carry out a comprehensive assessment? - (Thai Hub)
- Isn't the best way to mitigate impacts on the environment, as stated by many scientists, to stop building dams? - (FB Live)
- What are the mitigation measures for impacts on fishery, agriculture and tourism etc? - (Thai Hub)
- How will the environmental conservation be ensured? - (Thai Hub)
- Can a Thai study on biodiversity be included into the assessment? - (Thai Hub)
- The SNHPP environmental flow needs to be in line with the Xayaburi dam. Has this been considered? - (VN Hub)
- Why did MRCS not mention the SH work done on the environment? - (Thai Hub)

FISHERIES

- How will the dam be operated to ensure up- and downstream fish migration?
- Suggest to include the studies on fish conservation zones done between Thailand and Laos carried out by the TRR and the impact assessment - (Thai Hub)
- How can fish migration be addressed properly, knowing that the 100s of different species have different needs? How can a dam then be sustainable? - (FB Live)
- Recommend MRCS to conduct more study about impact on fish species - (Thai Hub)
- Based on previous experiences of dam constructions in Laos PDR, did the fish pass help to fish to migrate upstream? - (FB Live)
- There are many studies done by SNHPP. These should be shared with others as baseline - (Thai Hub)
- Is there any study on the obstruction of d/s fish larvae migration? - (Thai Hub)
- What are the mitigation measures on fisheries? - (Thai Hub)
- How can we know if the fish can access the dam an fish passage? are there any lessons learned from the JEM? - (VN Hub)
- Can the MRCS provide more information on the changes in fish behavior, even if they succeed in passing the fish pass? - (VN Hub)

DAM SAFETY

- Considering the closeness to the Lao-Thai border, is there clear information on Dam break studies and contingency planning?
- Have there been consultation with Thai authorities and local communities on safety protocols so far?

NAVIGATION

- Are all the locks of the cascades on the Mekong mainstream Hydro power plants similar?
- When should the second lock line be considered to be added?
- Regarding the filling and emptying system of ship lock, between the 16 kN vs 10 kN the latter is recommended in PDG, what are the likely negative impacts of having it at 16kN? - (FB Live)

SOCIAL-ECONOMIC

- Heritage Impacts Assessment - HIA must be included from the beginning. It is to safeguard both natural & cultural heritage. This is the rights of future generations. - (FB Live)
- Concerns of the local community are not included in the assessment study, suggested to include all the inputs, concerns and proposed mitigation into the study and share the information - (VN Hub)
- Why do you continue to build dams if we do not have all the answers on dam impacts, even after extensive studies show the huge impacts on riparian communities? - (FB Live)
- Transboundary impact assessment on social-economic and environment of downstream should be conducted - (Thai Hub)
- The communities d/s of dam development are concerned with the irregular water levels, deep pools are becoming shallow, bad HQ during dry seasons, loss of fish species, reduction in productivity of river bank agriculture - (KH Hub)
- Are riparian communities, considered stakeholders, at their livelihood depends on the health of the river, and one dam building disrupts this program, raises any concern? - (FB Live)
- The communities d/s of dam development are concerned with the irregular water levels, deep pools are becoming shallow, bad HQ during dry seasons, loss of fish species, reduction in productivity of river bank agriculture - (KH Hub)
- How are the developer and GoL going to compensate the impacts of SNHPP and other HPP on downstream communities, particularly in Cambodia? - (FB Live)
- Is there a transboundary compensation mechanism under the SNHPP at national level and regional level? - (FB Live)
- Developers should consider further the impacts of the dam and to address all the off-reservoir environmental and social dimensions and engage additional mitigation measures based on up-to-date data and recent studies


PNPCA PPROCESS

- MRC review of submitted documents noted that the documents, especially the transboundary environment and social impact assessments, to be "judgmentary and largely copied from the Pak Beng case", what has been done to address this issue? and what additional studies have been done? - (Webex)
- The CA is individual and has no connection on the data exchange among the HPPs. There should be an integrated platform e.g. law, data sharing, etc. - (Thai Hub)
- Comment: the PA between TH and SNHPP has not been signed yet, and we take note on all the comments and follow the standards. - (Thai MEM)
- Is the feasibility study included in the submitted documents a working document or finalized? If approved, what is the approval level? Ministerial or Governmental? - (VN Hub)
- The decision makers should take the concerns of the community into account for the HPP and share to the public - (VN Hub)
- Is there enough energy demand in Thailand for the energy export of SNHPP? the main buyer is marked as Thailand - (Thai hub)
- Suggested to MRCS to make another chapter/topic that collect common concerns/interests of stakeholders in the report - (FB Live)
- Impacts d/s are not mentioned in the documents. Will the Pakchum HPP be built? Lessons learned from XBR should be taken into account - (Thai Hub)
- Propose to make sure, the HPP should be constructed prior to completing the consultation process - (VN Hub)
- Why does the SNHPP and other developers not use the rich data, protocol, guidelines, model, and so on from the MRCS? - (FB Live)

Effective PNPCA and JAP

STAKEHOLDER KEY MESSAGE

- MRC needs to consider how to ensure receiving more complete and up-to-date documents and data prior to the IC process to allow meaningful review
- Cumulative impacts of infrastructure development on the Mekong Mainstream need to be further assessed and addressed
- Further attention needs to be given to changes in livelihoods and actions need to be taken
- The information sharing and update of stakeholders' concerns into the IC process and beyond should be improved



- Clarification /Comment
- Recommendations