



End of Session

Thank you for your attention!

The Study

on National Power Development Plan for the Period of 2006-2015, Perspective up to 2025 in Vietnam



EXPERT on the ENVIRONMENT and SOCIAL CONSIDERATION

OOKI Hisamitsu

Japan International Cooperation Agency (JICA)

97

Socio-environment Consideration

CONTENTS



- 1. Objective of Socio-environment Consideration Study
- 2. Introducing of SEA!
- 3. What is SEA?
- 4. What is EIA?
- 5. Study Flow
- 6. Implementation of First Site Investigation

Japan International Cooperation Agency (JICA)



Objective of Socio-environment Consideration Study

- Enhancing the preparation of PHP 6th
 - *to meet growing power demand
 - *to ensure stable power supply
 - *to optimize power development plan
- Fitting to Environmental Policy, law and Regulations
- Balancing Area Differences
 - *Northern, Middle and Southern Area



100



Introducing of SEA!

A global analysis

Socio-environmental Consideration has close relation to

- Power generation development plan
- Power network development plan
- Power demand forecast
- Economic/financial analysis
- Energy policy



16

101

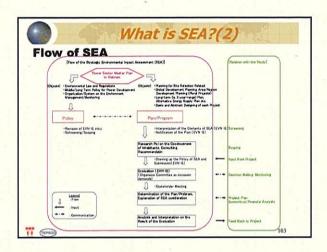


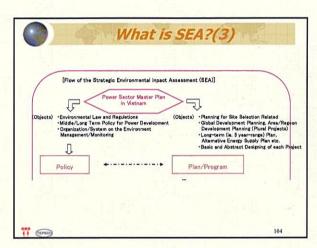
What is SEA?(1)

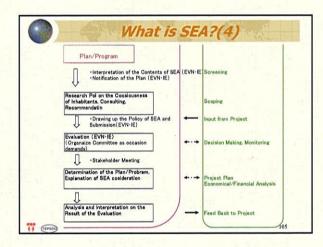
SEA consists of three Aspects:

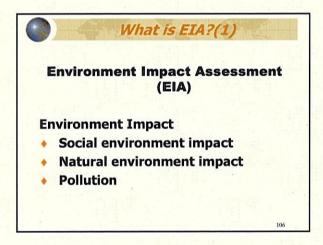
- Policy
- Plan
- Program



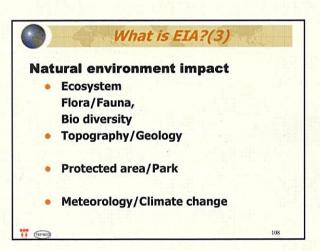












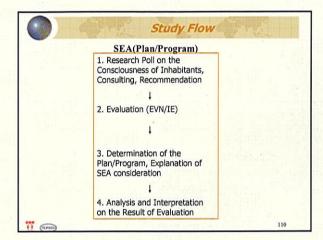


What is EIA?(4)

Pollution

- Air pollution
- Water pollution
- Soil contamination
- Noise
- Vibration
- Land subsidence
- Bad smell

109





Implementation of First Site Investigation

- 1. Review of existing data
- 2. Data collection
- 3. Selection of local sub-contractor
- 4. Execution of investigation on inhabitants' consciousness and poll

111



End of Session

Thank you for your attention!

112

The Study on National Power Development Plan for the Period of 2006-2015, Perspective up to 2025 in Vietnam



EXPERT on the ENVIRONMENT and SOCIAL CONSIDERATION

OOKI Hisamitsu

Japan International Cooperation Agency (JICA)



JICA ENVIRONMENT AND SOCIAL CONSIDERATION GUIDE LINE

CONTENTS

- 1. CONCEPT
- 2. OBJECTIVE
- 3. DEFINITION
- 4. BASIC POLICY
- 5. ITEM
- 6. POINT



Concept

- "Environmental and Social Consideration" shall be executed maintaining
- participation of stakeholder and
- transparency of decision making procedure based on *the respect of basic human right and
 - *principle of democratic government system,

opening the information to public and securing enough effect.

- Government organizations related shall be required responsibility for explanation.
- At the same time, other stakeholders are also required responsibility for announcing earnestly.



115



OBJECTIVE:

The object of the "Environmental and Social Consideration Guide Line" is

- to instruct the government of cooperating country for carrying out appropriate environmental and social consideration, and
- to secure appropriate execution of cooperation and confirmation on the environmental and social consideration indicating requirement for the government of cooperating country.



116



DEFINITION(1):

- (1) Environment and Social consideration means to consider impacts on the air, water, soil, nature as ecology and biology, involuntary settlement, respects for human rights of aborigines and other social aspects.
- (2) Environment and Social consideration means to propose the plan to study, to forecast and to assess the impact on the environment and / or local society, that will be caused or will be in danger, and to avoid or to mitigate the impact.
- (3) Environment and Social consideration means to assess and evaluate the environmental and social impacts based on the system of each country and to analyze alternative and to draw up appropriate plan on the mitigation and monitoring.



117



DEFINITION(2):

- (4) Strategic Environment Assessment (SEA) means the environment assessment for upper stage decision making comparing to the environment assessment for the project executing stage.
- (5) Screening means to judge the necessity of the execution of environmental and social assessment putting the base on the character of the project and local feature. The Guide Line categorize cooperation project into 'A', 'B' and 'C'. In the case of impact is estimated considerably serious, ranked 'A', when the impact is estimated rather smaller to 'A', ranked 'B' and 'C' is put when the impact will be minimum or almost nothing.
- (6) Scoping means to decide alternatives, scope of evaluation items which are important or to be estimated important, and study method.

() (TEPRO

118



DEFINITION(3):

- (7) Stake holder means person, organization and/or group (included illegal residents) and NGO that will be influenced impact.
- (8) Initial Environmental Examination (IEE) is environment study on the stage to carry out analyze on the alternatives, forecasting and assessment of environment impact, mitigation method, monitoring plan etc. based on the easily accessible information as existing data and simple site survey.



119



BASIC POLICY:

Point 1: to take into consideration covering impact widely

Point 2: to realize environment and social consideration in the early stage.

Point 3: to carry out follow up after finishing the project.

Point 4: to fulfill informed consent before beginning the project.

Point 5: to require participation of stake holder.

Point 6: to publish information.

Point 7: to enforce JICA's executing system.

CTUPE



ITEM(1):

The environmental and social consideration includes following items,

 Human health and Safety and Natural environment (include crossing the border and global environment),

through air, water, soil, waste, accident, water usage, climate change, and flora and fauna

Movement of population like as involuntary settlement,

121



ITEM(2):

- Local economy influence on employment and livelihood,
- Land usage and local resources utilization,
- Social organization as capital for social relation and local decision making organization etc.,
- Existing social infrastructure and social services,



122



ITEM (3);

- The social weak group as poverty or minority,
- Fairness in distribution of benefit and impact, and development process,
- Gender,
- Children's rights,
- Cultural heritage/assets,
- Local opposition of interests,
- Infection as HIV/AIDS etc.



123



POINT:

Pollution

- I Impact does not mean only direct and instant but derivative, secondary and accumulative in the rational range.
- I In case the mechanism is unclear, include preventive treatment,
- I Categorization "A", "B" and "C".
- "A": Impact grade is serious or undesirable,
- "B": Impact grade is less than case "A",
- "C": Impact is minimum or considerably nothing

12



End of Session

Thank you for your attention!



Important issues to be considered

- The demand areas are bipolarized in the north and in the south, and the distance is as far as 1500km
- A difference of the power source composition between the north and the south due to uneven distribution of the primary energy resources
- Different demand profiles between the north and the south due to difference of economy and climate
- Drastic decline of hydroelectric power supply capacity during flood seasons in the north for the flood control
- Changing daily load curve in line with the economic development
- International electric power exchange
- Environmental and social considerations



126