

## **7. Presentation Materials of Participatory Development**

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7.1 Participatory Development (presentation material)

Study on Application of Participatory Planning in Rural and Agriculture Development Project in the Lam Pa Chi River Basin

PARTICIPATORY DEVELOPMENT

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Process and Outputs of the Study

- Survey
- Study
- Planning
- Implementation of Pilot Projects
- Monitoring and Evaluation

Participatory Methods

Outputs

- (1) Master Plan  
various development plans on water resource development, land use, agriculture, etc.
- (2) Implementation Plans for the Pilot Projects (PDMs, POs)
- (3) Monitoring and Evaluation Records / Reports
- (4) Suggestions / Recommendations to RID for the Use of Participatory Approach

Five Steps of Participatory Development

Preparation

Step 1 : In-depth understanding of mu-ban's conditions and farmers' needs

Step 2 : Planning at Tambon

Step 3 : Planning at Sub-watershed

Step 4 : Planning at the whole watershed

Step 5 : Project implementation

- Planning details with RID
- Recruitment of local consultants
- Survey / Study on RID's current structures/systems
- Survey / Study on rural conditions – RRA, etc.
- Baseline survey (by RID)

Discussion

PCM

Discussion

Discussion

PCM, PRA

2 Mu-bans of RRA

16 Tambons

4 Sub-watersheds

Lam Pa Chi Watershed

1-2 Mu-bans

Schedule of Preparation, Step 1 & 2

1. Preparation	1.1. Survey	1.2. Study	1.3. Planning	1.4. Implementation	1.5. Monitoring and Evaluation
2. Preparation	2.1. Survey	2.2. Study	2.3. Planning	2.4. Implementation	2.5. Monitoring and Evaluation
3. Preparation	3.1. Survey	3.2. Study	3.3. Planning	3.4. Implementation	3.5. Monitoring and Evaluation
4. Preparation	4.1. Survey	4.2. Study	4.3. Planning	4.4. Implementation	4.5. Monitoring and Evaluation
5. Preparation	5.1. Survey	5.2. Study	5.3. Planning	5.4. Implementation	5.5. Monitoring and Evaluation

7-1

1

## Team Composition

- RRA: Multi-disciplinary members = mixture of various expertise and background, and insiders / outsiders (e.g.) socio-economist (JICA LC), engineer (RID), agronomist, community organizer (NGOs), etc.
- PCM: 3 teams composed of facilitators from JICA and RID
  - 1st tambon by (Main) JICA, (Sub) JICA LC
  - 2nd to 4th tambons by (Main) JICA LC, (Sub) RID
  - 5th to 16th tambons by (Main) RID, (Sub) JICA LC

## Why does RID need to use the participatory approach ?

### Assumption of the problems

- ✓ Water distribution is not equal between upstream and downstream – conflicts and dissatisfaction of farmers are high
- ✓ Irrigation target is not met – therefore low production
- ✓ Water fee collection is not successful, or is to be started – not easy to make farmers agree the policy
- ✓ Right of way is not easily obtained
- ✓ Construction cost is too high – Can farmers share the cost ?
- ✓ O & M is not properly done – high maintenance costs
- ✓ Pressure from the World Bank – public expenditures should be low
- ✓ Participatory approach is the world trend – just catch up the trend



## Where is RID's priority ? How serious is RID ?

## What are the long-term goals of RID through the participatory approach ?

### Assumptions

- Farmers needs are satisfied –adequate canal alignment, equal water distribution, high yield
- Water users associations are strong – water distribution, water fee collection, conflict resolution among farmers
- RID's expenses are reduced
- Capacity of farmers are enhanced – planning, construction, O & M
- Capacity of RID is enhanced – overall planning and management, contact with farmers, coordination with relevant agencies

## 6 key issues (tentative) for successful participatory development for RID

1. RID's management styles and structures – to be more farmer-oriented organization
2. Process and methods of participatory planning
3. Cooperation from other relevant organizations – their roles and responsibilities
4. Commitment of farmers for self-reliance
5. Strengthening water users associations
6. Policy supports

## 7-2. RRA and PRA (presentation material)

### Rapid Rural Appraisal (RRA) and Participatory Rural Appraisal (PRA)

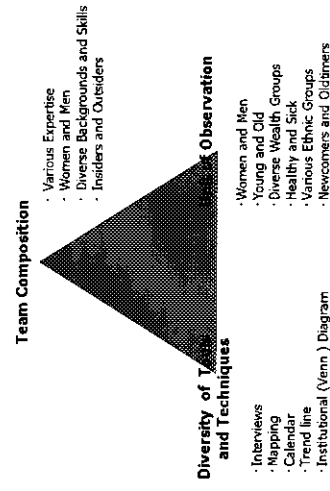
#### Rapid Rural Appraisal (RRA)

- It is a survey method to acquire in-depth information in a limited time with low cost, in principle for rural development.
- Information is obtained directly from project beneficiaries by using mixture of survey tools.

#### Principles of RRA

- Triangulation (see next page)
- Visualization of Results
- Deep Interaction within the RRA Team
- Learning Process – Survey, Verification and Reflection
- Optimal Ignorance of Information

#### Triangulation



## Participatory Rural Appraisal (PRA)

- It is a field-based method that uses the same principles and tools of RRA.
- Major difference from RRA is that PRA is facilitated by beneficiaries.
- Therefore, it enables beneficiaries to share, enhance, and analyze their own life and conditions.
- Also, they become able to plan, implement, monitor, and evaluate projects.

## Participatory Learning and Action (PLA)

- It is the same as PRA. But some people believe that "Rural Appraisal" is inappropriate words and prefer to call it PLA.
- (Reasons why rural appraisal is inappropriate)
1. PRA can be used in urban areas.
  2. PRA does not focus only on appraisal.

## Suggested Steps of RRA/PRA

Stage	Participants	Outputs
1 Pre-analysis of Proposed Project Sites	RRA (PRA) Team	
2 Site Selection	RRA (PRA) Team	Projects sites are selected.
3 Preliminary Site Visit (Explanations about PRA to Local People)	RRA (PRA) Team	All stakeholders share ideas about PRA processes.
4 Data Collection	RRA (PRA) Team and Local People	Community's information is collected with RRA-PRA tools.
5 Data Synthesis and Analysis	RRA (PRA) Team (Can be done with local people)	Community's conditions are analyzed.

— : Activities in the field

## Suggested Steps of PRA

Stage	Participants	Outputs
6 Problem Analysis	Local People with PRA Team	Community's issues are clarified. (Problem Tree)
7 Ranking Problems	Local People with PRA Team	Community's problems are prioritized.
8 Community Action Plan-Making	Local People with PRA Team	Community Action Plan (PDM and PO)
9 Project Implementation	Local People with PRA Team	
10 Monitoring, Evaluation, and Feedback	Local People with PRA Team	M & E Records

PCM Tools can be used in these steps.

## Comparison of RRA and PRA

	RRA	PRA
Major development	Late 1970's, 1980's	Late 1980's, 1990's
Key	Local People's Knowledge	Local People's Capabilities
Outsider's mode	Eliciting	Facilitating
Objectives	Data Collection	Empowerment of project beneficiaries
Main actors	Outsiders	Local People
Long-term outcomes	Plans, projects, publications	Sustainable local action and institutions
Information owned and used by	Outsiders	Local people
When to use	Before a project planning stage	Any stage of a project cycle

SOURCE: CHAIR, SUDAN'S CHAIR, DARTMOUTH COLLEGE, BOSTON, 1997. ADAPTED AND EXPANDED

## Strengths and Weaknesses of RRA and PRA

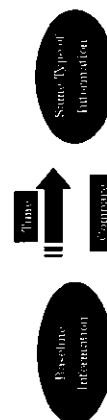
	RRA	PRA
<b>Strength</b>	<ul style="list-style-type: none"> <li>Enables outsiders to find out local people's needs</li> <li>Local people's needs can be considered for project purposes</li> </ul>	<ul style="list-style-type: none"> <li>Provide opportunities for dialogue among stakeholders</li> <li>Can enhance the community's capacity</li> <li>Can Strengthen community's ownership on a project</li> </ul>
<b>Weaknesses</b>	<ul style="list-style-type: none"> <li>Does not let local people to participate in project activities</li> <li>Does not help strengthen local people's ownership on a project</li> <li>Does not enhance capacity of the community</li> <li>Does not help improve project sustainability</li> </ul>	<ul style="list-style-type: none"> <li>Strong rural institutions required for implementing PRA processes</li> <li>Self interests of influential people may control decision making</li> <li>Guidance and support by outsiders are required for certain period</li> <li>Process takes longer than RRA</li> </ul>

## Frequently Used Tools by RRA-PRA (1)

	Data Collection with Local People	Tools
<b>Spatial</b>		<ul style="list-style-type: none"> <li>Sketch Map</li> <li>Transect Walk</li> <li>Farm Sketch</li> </ul>
<b>Time-related</b>		<ul style="list-style-type: none"> <li>Trendlines</li> <li>Time Line</li> <li>Seasonal Calendar</li> <li>Daily Activity Calendar</li> </ul>
<b>Social</b>		<ul style="list-style-type: none"> <li>Semi-structured Interview</li> <li>Key Informant Group Interview</li> <li>Focus Group Discussion</li> <li>Institutional Analysis (Profile)</li> <li>Institutional Diagram ( Venn Diagram )</li> <li>Wealth Ranking</li> <li>Role Play</li> </ul>

## Participatory Monitoring and Evaluation

- PRA method enables villagers to gather baseline information at the planning stage of a project.
- Information collected at the planning stage can be used for monitoring and evaluation.
- Selection and use of appropriate PRA tools are important to gather and compare same type of information.



## Frequently Used Tools by RRA-PRA(2)

Planning and Decision Making	Tools
	<ul style="list-style-type: none"> <li>• Problem Analysis Chart (Different from the one for PCM)</li> <li>• Pairwise Ranking</li> <li>• Preference Ranking</li> <li>• Community Action Plan-Making Chart</li> </ul>

## What can PRA Tools measure? Sample indicators (1)

Tools	Indicators
<b>Mapping</b>	<ul style="list-style-type: none"> <li>• Location of changes and adoption of new technologies</li> <li>• Changes of Numbers of household</li> <li>• Inventory of resources in watershed</li> <li>• Types and intensity of resource use</li> <li>• Adoption, adaptation, and diffusion of technologies</li> </ul>
<b>Seasonal Calendar</b>	<ul style="list-style-type: none"> <li>• Timing and amount of labor invested in a project</li> <li>• Changes in cropping patterns</li> </ul>

## What can PRA Tools measure? Sample indicators (2)

Tools	Indicators
<b>Institutional Diagram (Venn Diagram)</b>	<ul style="list-style-type: none"> <li>• Degrees of linkages of among institutions in a community</li> <li>• Number of linkages of each institution in a community</li> <li>• Capacity of Institutions in a community</li> <li>• Development of new institutions in a community</li> </ul>
<b>Focus Group Discussions (Interview)</b>	<ul style="list-style-type: none"> <li>• Livelihood options, income and expenditure</li> <li>• Changes in input costs, wage labor rates</li> <li>• Investment in and management measures</li> </ul>

## PRA Tools used for M & E

- **Trendline**  
To identify changes of important items in the community
- **Mapping** (e.g. Village Sketch Map, Farm Sketch Map)  
To identify changes of available resources in the community
- **Seasonal Calendar**  
To identify changes of investment in labor and changes of cropping patterns
- **Institutional Diagram (Venn Diagram)**  
To identify changes of institutions' ability and relationships in the community
- **Ranking** (e.g. Pairwise Ranking, Preference Ranking)  
To identify changes of community's priority
- **Focus Group Interview (Discussion)**  
To identify changes in attitudes of local people
- **Attitude Change Graph**  
To identify attitudinal changes toward cooperation within the community and views toward working groups external to the village



### Evaluation indicators by subjects (sample)

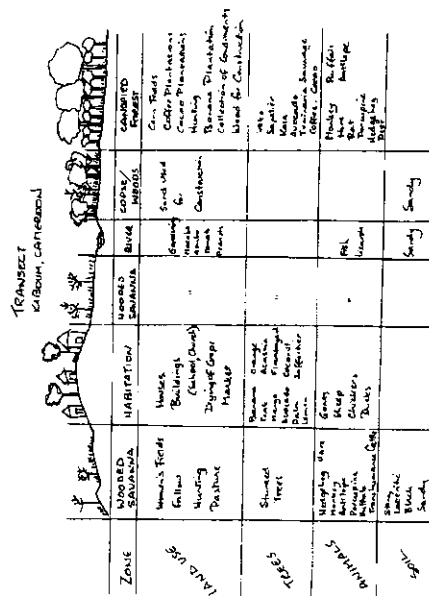
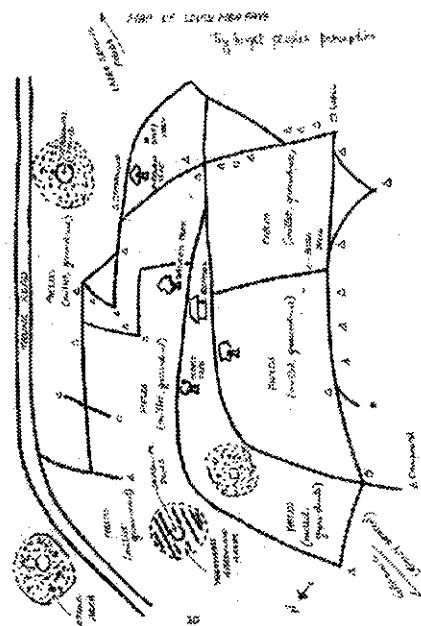
### Changes in the number of water users'

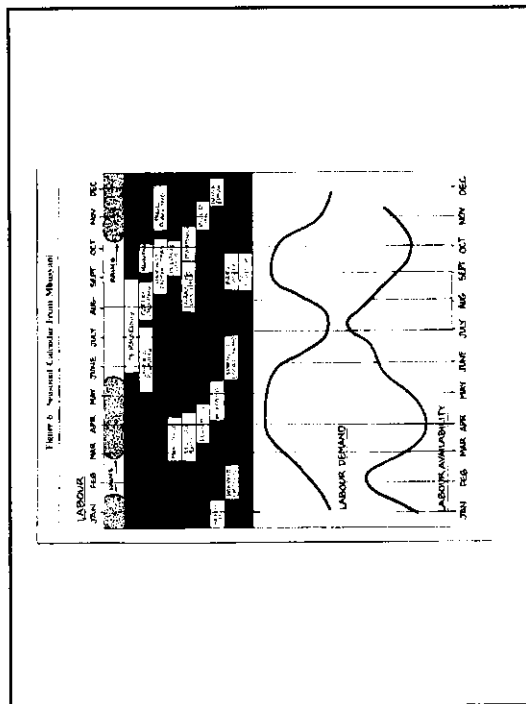
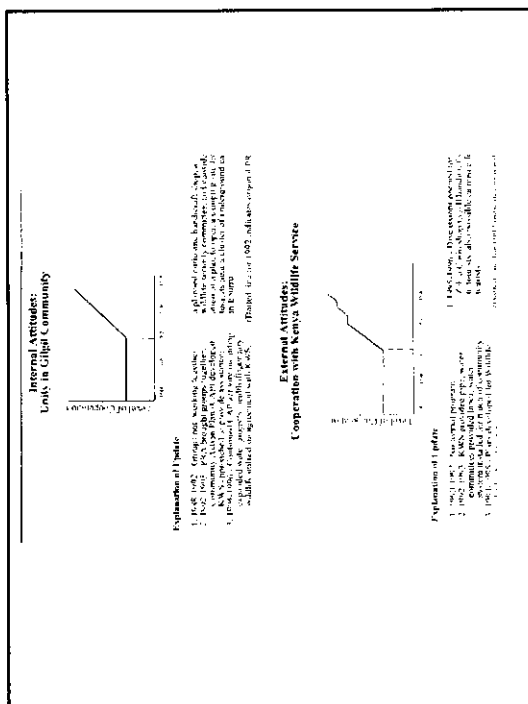
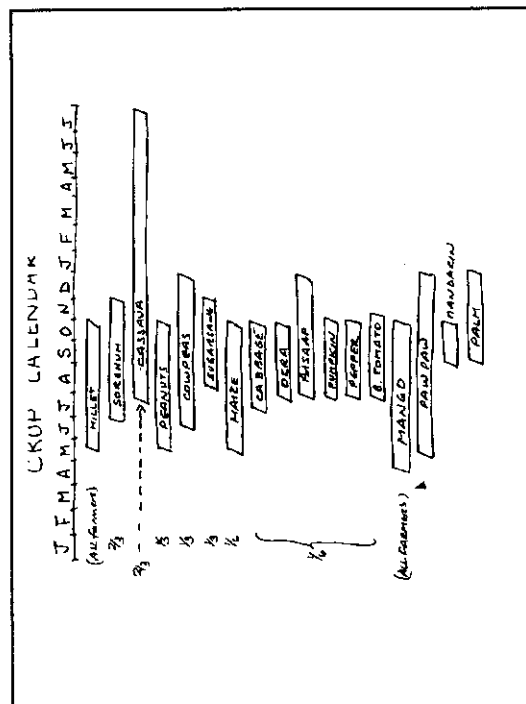
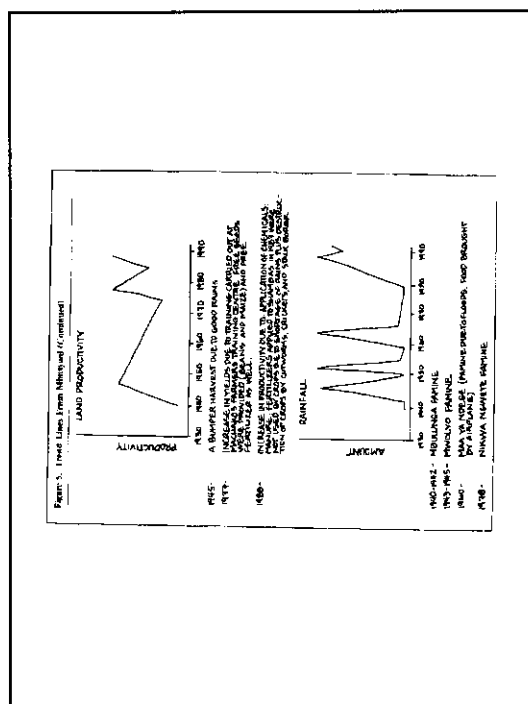
- Changes in the amount of water fee collected
- Changes in maintenance costs

**and Capacity Building**

- participate in a project activity
- Changes in degrees of external supports
- Changes in confidence of local people for a project management

Subjects	Indicators
<b>Irrigation</b>	<ul style="list-style-type: none"> <li>• Changes in the area under irrigation</li> <li>• Changes in the number of water users'</li> <li>• associations established and functional</li> <li>• Changes in the amount of water fee collected</li> <li>• Changes in maintenance costs</li> </ul>
<b>Agricultural Productivity</b>	<ul style="list-style-type: none"> <li>• Changes in yields</li> <li>• Changes in production Costs</li> </ul>
<b>Local Autonomy and Capacity Building</b>	<ul style="list-style-type: none"> <li>• Changes in willingness of local people to participate in a project activity</li> <li>• Changes in degrees of external supports</li> <li>• Changes in confidence of local people for a project management</li> </ul>







### 7.3 RRA and PRA (text)

## Study on Application of Participatory Planning in Rural and Agriculture Development Project in the Lam Pa Chi River Basin

### **Rapid Rural Appraisal and Participatory Rural Appraisal**

#### **Rapid Rural Appraisal (RRA)**

It is a participatory survey method to acquire new information in a limited period of time, in principle for rural development. Information is obtained from project beneficiaries by using multiple tools in the field.

#### **Principles of RRA**

- (1) Cyclic and Dialogical Process of Verification and Reflection with Local People
- (2) Optimal Ignorance (RRA does not require data more than necessary.)
- (3) Triangulation for Broader Range of Analysis (See next page.)
- (4) Visualization for All the Participants to Share Information on a Same Level
- (5) Sequence of Tools and Processes
- (6) Observation and Imagination for Off-setting Biases

(Source: A Guide for Social Development: Development through Participatory Learning and Action. IDJ Library. Yasushi, Katsuma et al. 2000. Adapted and Modified.)

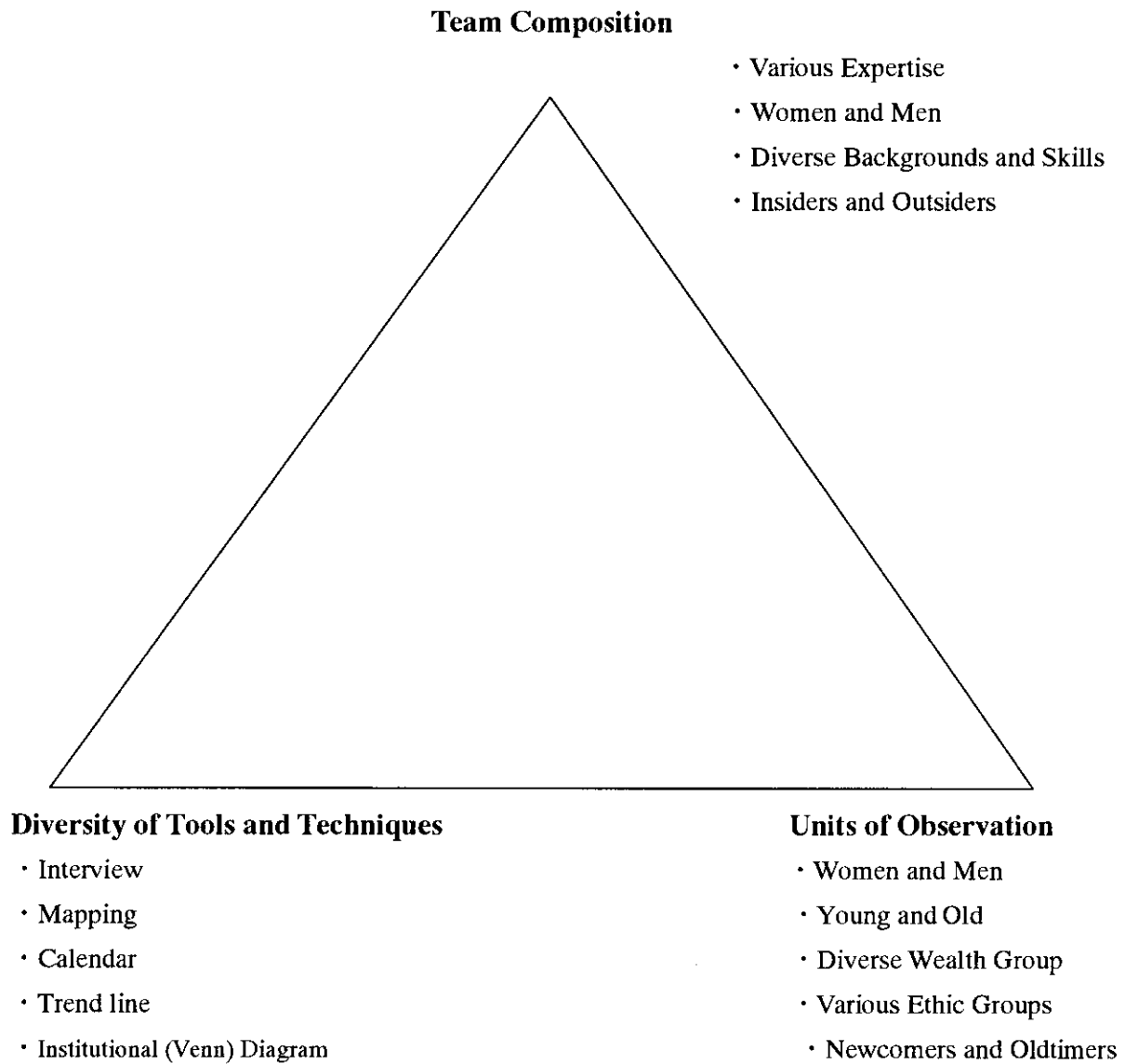
#### **Participatory Rural Appraisal (PRA)**

It is developed from Rapid Rural Appraisal. It is a field-based method that enables beneficiaries to share, enhance and analyze the understanding of their own life and conditions, and to plan, implement, monitor, and evaluate projects. Local people take initiatives and become responsible for activities from information gathering to project evaluation. Outside experts support them by facilitating process. Building trust and partnership with local people are important principles of this method.

#### **Participatory Learning and Action (PLA)**

PLA is the same method as PRA, but some people believe that “Rural Appraisal” are inappropriate words for its activities because PRA has also been used in urban areas and it does not focus on appraisal. These are the reasons why the name PLA emerged, but this paper consistently uses the name “PRA” to avoid confusion.

## **Triangulation**



(Source: PRA Notes to Accompany Introductory Training Module. Karen Schoonmaker Freudenberger and Bara Gueye. 1990. Adapted and Modified.)

### Comparison of RRA and PRA

	<b>RRA</b>	<b>PRA</b>
<b>Major development</b>	Late 1970's, 1980's	Late 1980's, 1990's
<b>Key resources earlier overlooked</b>	Local people's knowledge	Local people's capabilities
<b>Outsider's mode</b>	Eliciting	Facilitating
<b>Objectives</b>	Data collection	Empowerment of project beneficiaries
<b>Main actors</b>	Outsiders	Local people
<b>Longer-term outcomes</b>	Plans, projects, publications	Sustainable local action and institutions
<b>Information owned and used by</b>	Outsiders	Local people
<b>When to use</b>	Before a project planning stage	Any stage of a project cycle

(Source: Whose Reality Counts?, Chambers, Robert. 1997. Adapted and Modified)

### Strengths and Weaknesses of RRA and PRA

	<b>RRA</b>	<b>PRA</b>
<b>Strengths</b>	<ul style="list-style-type: none"> <li>• Enables outsiders to find out local people's needs</li> <li>• Local people's needs can be considered for project purposes</li> <li>• Can be used in a limited amount of time</li> </ul>	<ul style="list-style-type: none"> <li>• Can provide an arena for the community to discuss its needs</li> <li>• Can provide opportunities for dialogue among different stakeholders</li> <li>• Can mobilize the community for change</li> <li>• Can enhance the community's capacity</li> <li>• Can strengthen ownership of the community for a project</li> <li>• Can improve project sustainability</li> </ul>
<b>Weaknesses</b>	<ul style="list-style-type: none"> <li>• Does not let local people to participate in planning, implementing, monitoring and evaluating a project</li> <li>• Does not strengthen local people's ownership on a project</li> <li>• Does not enhance capacity of the community through the approach itself</li> <li>• Does not necessarily help improve project sustainability</li> </ul>	<ul style="list-style-type: none"> <li>• Strong rural institutions required for implementing PRA processes</li> <li>• Self interests of influential people in the community may control decision making</li> <li>• Data is mainly qualitative</li> <li>• Enthusiasm in the community often wanes as time passes without outside support</li> <li>• Guidance and support by outsiders is required for certain period</li> <li>• Process takes longer than RRA</li> </ul>

(Source: Evaluating Participatory Rural Appraisal : Listening to Village Leaders in Kakuyuni Location. Clark University. 1991. and Enhancing Ownership and Sustainability: A Resource Book on Participation. IFAD, ANGOC, and IIRR. 2001. Adapted and Modified)

**Frequently Used Tools by PRA (1)**

<b>Data Collection</b>	<b>Tools</b>
<b>Spatial</b>	<ul style="list-style-type: none"><li>• Sketch Map</li><li>• Transect Walk</li><li>• Farm Sketch</li></ul>
<b>Time-related</b>	<ul style="list-style-type: none"><li>• Trendlines</li><li>• Time Line</li><li>• Seasonal Calendar</li><li>• Daily Activity Calendar</li><li>• Vision Drawing</li></ul>
<b>Social</b>	<ul style="list-style-type: none"><li>• Institution Analysis (Profile)</li><li>• Institutional Diagram (Venn Diagram)</li><li>• Focus Group Interview (Discussion)</li><li>• Wealth Ranking</li><li>• Semi-structured interview</li><li>• Structured Interview</li><li>• Focus group discussion</li><li>• Informal Interview</li><li>• Role Play</li></ul>

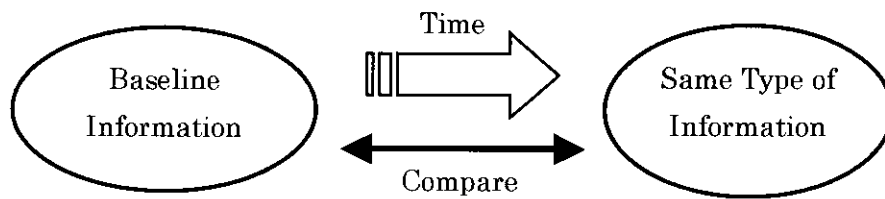
**Frequently Used Tools by PRA (2)**

<b>Planning and Decision Making</b>	<b>Tools</b>
	<ul style="list-style-type: none"><li>• Problem Analysis Chart (Different from the one for PCM)</li><li>• Pairwise Ranking</li><li>• Preference Ranking</li><li>• Community Action Plan-Making Chart</li></ul>



## **Participatory Monitoring and Evaluation**

PRA method enables villagers to gather baseline information at the beginning of a project. Information collected by initial PRA activities can be used for monitoring and evaluation. Selecting and using appropriate tools throughout the project cycle are important to gather and compare same type of information.



**(For example)**

- (1) Trend Lines: to monitor the change of available water amount over the project period
- (2) Pairwise Ranking: to see major changes in a village in the middle project or the end of the project

Also, selected tools have to be able to measure project's performance quantitatively by indicators in a given amount of time.

**(For example)**

If one of the project purposes is to develop a sustainable community irrigation system in three years,

- Trend lines may be used to measure how many water user groups are established, how many water fees are collected and accumulated, how much rice productions are increased with irrigation, etc.

## Tools for Monitoring and Evaluation

- **Trendline**  
To identify changes of important items in the community
- **Mapping** (e.g. Village Sketch Map, Farm Sketch Map)  
To identify changes of available resources in the community
- **Seasonal Calendar**  
To identify changes of investment in labor and changes of cropping patterns
- **Institutional Diagram (Venn Diagram)**  
To identify changes of institutions' ability and relationship to each other in the community
- **Ranking** (e.g. Pairwise Ranking, Preference Ranking)  
To identify changes of community's priority
- **Community Action Plan-Making Chart**  
To identify impacts and effects of a project including causes of changes, beneficiaries, and future plans
- **Focus Group Interview (Discussion)**  
To identify changes in attitudes of local people
- **Attitude Change Graph**  
To identify attitudinal changes toward cooperation within the community and views toward working groups external to the village

(Source: Linking Governance and Effective Resource Management: A Guidebook for CommunityBased Monitoring and Evaluation. Clark University, Egerton University and APAM. 1998. Adapted and Modified)

Other PRA tools could also be monitoring and evaluation tools. Moreover, monitoring a Project Activity Log and Financial Reports helps ensure transparency of a project and improvement of local people's management capability.

### **PRA Tools and Indicators (Samples)**

<b>Tools</b>	<b>Indicators</b>
<b>Mapping</b>	<ul style="list-style-type: none"><li>• Location of changes and adoption of new technologies</li><li>• Changes of Numbers of household</li><li>• Inventory of resources in watershed</li><li>• Types and intensity of resource use</li><li>• Adoption, adaptation, and diffusion of technologies</li></ul>
<b>Seasonal Calendar</b>	<ul style="list-style-type: none"><li>• Timing and amount of labor invested in a project</li><li>• Changes in cropping patterns</li></ul>
<b>Institutional Diagram (Venn Diagram)</b>	<ul style="list-style-type: none"><li>• Degrees of linkages of among institutions in a community</li><li>• Number of linkages of each institution in a community</li><li>• Capacity of institutions in a community</li><li>• Development of new institutions in a community</li></ul>
<b>Focus Group Discussions (Interview)</b>	<ul style="list-style-type: none"><li>• Livelihood options, income and expenditure</li><li>• Changes in input costs, wage labor rates</li><li>• Investment in land management measures</li></ul>

(Source: Participatory Impact Monitoring. Unknown Author. and Learning from Change: Issues and Experiences in Participatory Monitoring and Evaluation. Marisol Estrella et al. Intermediate Technology Publications. Inc. and International Development Research Center. 2000. Adapted and Modified)

### Sample Indicators for Subjects

Subjects	Indicators
<b>Irrigation</b>	
<b>Agricultural Productivity</b>	<ul style="list-style-type: none"> <li>• Changes in Yields</li> <li>• Changes in Costs</li> </ul>
<b>Local Autonomy and Capacity Building</b>	<ul style="list-style-type: none"> <li>• Changes in willingness of local people to participate in a project activity</li> <li>• Changes in degrees of external support</li> <li>• Changes in capacity of local people for a project management</li> </ul>

(Source: Participatory Impact Monitoring. Unknown Author. Adapted and Modified)

### Study on Application of Participatory Planning in Rural and Agriculture Development Project in Lam Pa Chi River Basin

#### RRA (Rapid Rural Appraisal) Procedure

##### 1. Typical Procedures of RRA in one village

- 1st day: Greeting and explanation to village chiefs
  - Key informant interview (village officials)
  - Selection of households for household interviews
- 2nd day: Group interview (traditional leaders)
  - Site visit with villagers
- 3rd day: Household interviews (including accidental interviews)
- 4th day: Household interviews (including accidental interviews)
- 5th day: Household interviews (including accidental interviews)

(Note: Every day after the interview, discussion among the team members is important.)

##### 2. Selection of households for interview

At the key informant or group interview, ask village leaders (formal or informal leaders, depending on who knows the village situations best) to classify the village population into groups. For example, if economic issues are very important for the study, classification will be done according to the richness / poorness of the villagers; that is to classify the villagers into richer, middle, and poorer groups. Another example is that, if irrigation is very important, they can be classified into the farmers with irrigated land, with land without irrigation, and with no land. Ask the villagers what criteria they want to use to classify the population.

### 3. Information to be collected - Tools

#### (1) Key informant and group interviews

<u>Tools</u>	<u>Information to be collected</u>	<u>Person in charge</u>
1. Mapping	Roads, houses, fields (rais) and crops, grazing area (ha), forests (ha), soil types, drinking and irrigation water sources (river, ponds, well, springs, etc.), markets, schools, hospitals, clinics, factories, monuments, temples, village boundaries, north direction, etc.	
2. History timeline	Important events for the village – (e.g.) year of settlement (including origin of people and reason of settling this village), history of development, drought, flood, epidemics, etc.	
3. Seasonal calendar	Rain (monthly distributions), crops, varieties, areas (rais), nursery/planting/harvest times, shortage of labor, drought, flood, etc.	
4. Economic activity diagram	Organizations or individuals important for the village's economic activities such as government agencies, markets, other villages, banks, factories, other private companies, NGOs, etc.	

#### (2) Household interview

<u>Tools</u>	<u>Information to be collected</u>	<u>Person in charge</u>
1. Family tree	Family members, children left the house, age, sex, occupation, school grade completed, land size for the house and agriculture, owner of the lands	
2. Mapping	House, land use (rais) for agriculture/grazing, crops, forests, water sources (drinking, irrigation), how the land was obtained	
3. Seasonal calendar	Crops, areas (rai), nursery/planting/harvest times, rain (start/peak/finish)	
4. Annual income and expenditure diagram	Income sources and incomes (annual), expenditures and items (annual)	

**Checklists (Other information which the tools will not cover)****(1) Key informant and group interviews****1. Population** Person in charge:

- ☐ Which ethnic groups are living in the village?
- ☐ How is the relationship among the different ethnic groups in the village? Any problems?
- ☐ How is the relationship with other villages? Any problems?
- ☐ Have the population changed a lot recently? If so, why? Any problems?

**2. Decision-making and conflict resolution** Person in charge:

- ☐ Who in the village have the authorities to decide important communal issues (development planning, communal activities, meetings, etc.)? Why can they do?
- ☐ What are the responsibilities of those with decision-making power?
- ☐ How were they selected?
- ☐ How are the village problems solved?
- ☐ How are the problems with other villages solved?
- ☐ What rules does the village have for maintaining the village's circumstances well?
- ☐ What is the punishment if someone breaks those rules?

**3. Life** Person in charge:

- ☐ How has the villagers' life changed recently?
- ☐ What are very serious social problems in the village (criminal, gambling, dug, etc.)?
- ☐ What are the most important issues or problems for the villagers?
- ☐ What should be done to improve the conditions? What actions did the village take?

**4. Agriculture** Person in charge:

- ☐ What crops are produced? How many tons in total?
- ☐ How many of them are sold? To whom are they sold?
- ☐ Where is the market to sell? Where is the market to buy agricultural inputs?
- ☐ What are the most serious problems when selling the products (price, transportation, etc.)?
- ☐ Where do the villagers borrow money for agriculture? What are the conditions?
- ☐ How many numbers of livestock are raised in the village?
- ☐ How many of them are sold? To whom are they sold?
- ☐ What kinds of fish are raised in the village?
- ☐ How many percent of the people can produce foods fully for themselves?
- ☐ How many percent of the people can produce and sell foods?
- ☐ How many percent of the people should buy foods from others?
- ☐ Are there any processing facilities in the village? What are the activities there?
- ☐ How are the agricultural conditions now, compared with the past? Getting better or worse, in what way? E.g., land productivities, land areas, forest areas, water, etc.
- ☐ What is the most serious problem for the agriculture of the village?

5. Forest and other environmental issues Person in charge:

- ☐ How do the villagers use the forest in the village in daily life?
- ☐ What value do they think the forest has?
- ☐ Any problems of the forest or other environment such as water?

6. Land allocation Person in charge:

- ☐ How many rais of the lands are allocated to the villagers? How many private owners and how many landless in the village?
- ☐ How were those lands allocated?
- ☐ How many rais are allocated for the communal use? What activities are being done?
- ☐ Who have decided the use of those communal lands?

7. Village organizations Person in charge:

- ☐ What organizations exist in the village?
- ☐ What are the purposes of the organizations?
- ☐ What activities are conducted by the organizations? How often?
- ☐ How many villagers belong to the organizations?
- ☐ How were the members organized? By whom?
- ☐ What are the benefits of being members for the villagers?
- ☐ What should be done to improve those organizations?
- ☐ What organizations should be created to improve the village conditions?

8. Extension supports Person in charge:

- ☐ What kinds of agricultural extension supports are the villagers receiving?
- ☐ By whom are they given?
- ☐ How are they conducted (e.g. field training, lecture, demonstration farms, etc.)?
- ☐ How often? How many people are receiving them (total in a year)?
- ☐ What supports have been good? Why do you think so?
- ☐ What should agencies do to improve their current external supports?
- ☐ What supports do you think more necessary? Why do you think so?

9. External organizations Person in charge:

- ☐ Besides the organizations above, what other organizations do the villagers communicate or contact quite often?
- ☐ Why do they communicate? What are the activities with them?
- ☐ What organizations are important for the villagers? Why?

10. Needs Person in charge:

- ☐ What is necessary to improve the agriculture of the village?
- ☐ What is necessary to improve the living conditions of the villagers?
- ☐ How have you and the villagers made efforts for those improvement without outsider's help? Why?
- ☐ How would you dream your village in the next 2 years, 5 years or 10 years?



**(2) Household interview**1. Agriculture Person in charge:

- ☐ How many tons of each crop do you harvest? How many tons do you sell a year? How much?
- ☐ What kinds of fertilizers do you use? How often? How many?
- ☐ How do you get it? How much?
- ☐ What kinds of pesticide do you use? How often? How many?
- ☐ How do you get it? How much?
- ☐ How do you get water for agriculture?
- ☐ What kinds of problems do you have in getting water? Which is the most serious problem?
- ☐ How do you think the soil conditions compared with the past? Why do you think so?
- ☐ Who is the labor for farming? If employ them from outside, how much do you pay?
- ☐ Have you ever borrowed money for agriculture? What were the conditions? How was it?
- ☐ What kinds of livestock do you raise? How many?
- ☐ How many do you sell a year? How much?
- ☐ What fish do you raise? How many?
- ☐ How much do you sell?
- ☐ What are serious problems for farming? What should be solved first?
- ☐ How do you cope with these problems?
- ☐ What do you think necessary to solve these problems?

2. Forest and other environmental issues Person in charge:

- ☐ How do you use the forest in the village in daily life?
- ☐ How do you think the forest conditions compared with the past? Why do you think so?
- ☐ What are the major problems of the forest or other environment such as water?
- ☐ Which one should be solved first?

3. Land allocation Person in charge:

- ☐ How many raia do you own the lands? Officially, who is the owner?
- ☐ How did you get it?
- ☐ Are your lands increasing or decreasing currently? Why?

4. Extension supports Person in charge:

- ☐ What kinds of agricultural extension supports have you received?
- ☐ By whom are they given?
- ☐ How are they conducted (e.g. field training, lecture, demonstration farms, etc.)?
- ☐ How often did you participate?
- ☐ What supports have been good? Why do you think so?
- ☐ What should agencies do to improve their current external supports?
- ☐ What supports are more needed? Why do you think so?

5. External organizations 

- ☐ Besides the organizations for extension, what other organizations do you contact quite often?
- ☐ Why do they contact? What are the activities with them?
- ☐ What organizations are important for you? Why?

6. Village administration 

- ☐ Who are the leaders of the village?
- ☐ Are you satisfied with the leaders? Why do you think so?
- ☐ If not satisfied, who you think should be the leaders? Why?

7. Village organizations 

- ☐ What organization in the village do you belong?
- ☐ What are the purposes of the organizations?
- ☐ What activities are conducted by the organizations? How often?
- ☐ How many villagers belong to the organizations?
- ☐ What are the benefits of being members for the villagers?
- ☐ What are the demerits of being members for the villagers?
- ☐ What should be done to improve those organizations?
- ☐ What organizations should be created to improve the village conditions?

8. Gender 

- ☐ Who keeps the money for family's daily life?
- ☐ Who decide how to use the money?
- ☐ Who negotiate the price with buyers when products are sold?
- ☐ What is the major difference of roles between husband and wife in agriculture activities?
- ☐ How about the different in daily life? Any problems?

9. Living conditions 

- ☐ What do you think your current living conditions, good or bad? Why?
- ☐ What are the most serious problems in your life? What should be solved first?
- ☐ What do you need to increase the agricultural productions?
- ☐ What do you need to improve your living conditions?
- ☐ Have you talked to anyone to solve those problems? Why?
- ☐ What can you do by yourself to solve those problems? Why?
- ☐ How would you dream your village in the next 2 years, 5 years, or 10 years?

## **8. Minutes of Meeting**

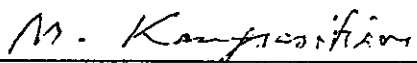
## **8. Minutes of Meeting**

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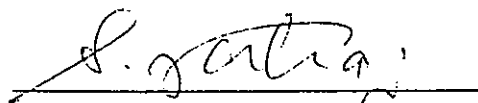
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**SCOPE OF WORK  
FOR  
THE STUDY  
ON  
APPLICATION OF PARTICIPATORY PLANNING  
IN RURAL AND AGRICULTURE DEVELOPMENT PROJECT  
IN THE LAM PA CHI RIVER BASIN  
IN  
THE KINGDOM OF THAILAND  
AGREED UPON BETWEEN  
THE ROYAL IRRIGATION DEPARTMENT OF  
THE MINISTRY OF AGRICULTURE AND COOPERATIVES  
AND  
THE JAPAN INTERNATIONAL COOPERATION AGENCY**

Bangkok, 25 June, 2002



Mr. Mondhian Kangsathiam  
Deputy Director General for Engineering  
Royal Irrigation Department  
Ministry of Agriculture and Cooperatives  
Kingdom of Thailand



Mr. Shinya Nakai  
Resident Representative  
Japan International Cooperation Agency  
Thailand Office  
Japan

## I INTRODUCTION

In response to a request from the Government of Kingdom of Thailand (hereinafter referred to as the "GOT"), the Government of Japan (hereinafter referred to as the "GOJ") has decided to conduct THE STUDY ON APPLICATION OF PARTICIPATORY PLANNING IN RURAL AND AGRICULTURE DEVELOPMENT PROJECT IN THE LAM PA CHI RIVER BASIN (hereinafter referred to as "the Study") in accordance with the Agreement on Technical Cooperation between the GOJ and the GOT signed on November 5, 1981.

Accordingly, the Japan International Cooperation Agency (hereinafter referred to as "JICA"), the official agency responsible for the implementation of the technical cooperation programs of the GOJ, will undertake the Study in close cooperation with the authorities concerned of the GOT.

This document sets forth the Scope of Work for the Study.

## II OBJECTIVES OF THE STUDY

The objectives of the Study are:

- 1 To formulate a rural and agricultural development master plan to develop the Lam Pa Chi River Basin with the participation of the community in the study area, and thus contribute toward better living for farm households.
- 2 To carry out technology transfer to Thai counterparts through on-the-job training in the course of the Study.

## III STUDY AREA

The Lam Pa Chi River Basin (See Annex I)

## IV SCOPE OF THE STUDY

In order to achieve the above objectives, the Study will consist of two (2) phases that will cover the following items:

### 1 Phase I

Formulation of participation methodology among stakeholders, the draft master plan, and selection of the area for implementing pilot project(s).

- 1.1 Review of previous master plans and existing development projects /plans for the Lam Pa Chi River Basin
- 1.2 Collection and analysis of relevant data and project formulation analysis with the participation of the stakeholders in the study area.

The following items will be studied:

- 1) Management and development potential of water resources
- 2) Participation method of stakeholders in formulating the master plan and implementing the

pilot project(s).

3) Contribution of beneficiaries of projects.

4) Others

1.3 Conduct of the environmental profile of the basin, and execution of Initial Environmental Examination (IEE) of the pilot project(s) if it is necessary.

1.4 Formulation of the draft master plan

1.5 Selection of areas for the pilot project(s) based on criteria set during the study

## 2 Phase II

Implementation of the pilot project(s) with the participation of the stakeholders and finalization of the master plan.

2.1 Implementation of the pilot project(s) with the following purposes:

1) Thai counterpart personnel will obtain skills for implementing projects for developing river basins with the participating communities.

2) Administrative systems of the organizations concerned will be strengthened.

3) Farming productivity in the study area will increase.

4) The potential of the method applied in the Study for further application in other areas will be verified.

2.2 Formulation of the master plan for the Study area taking into consideration the outcome of the pilot project(s).

2.3 Diffusion of knowledge and information gained by those concerned with the study through technical transfer seminars and other activities

## V STUDY SCHEDULE

The Study will be carried out in accordance with the attached tentative work schedule.

(See ANNEX II )

## VI REPORTS

JICA shall prepare and submit the following reports in English to the GOT:

1 Inception Report

Twenty (20) copies in English at the commencement of the fieldwork (first year) of Phase I.

2 Progress Report (I)

Twenty (20) copies in English at the end of the fieldwork (first year) of Phase I.

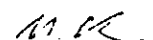
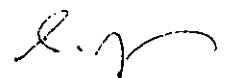
3 Interim Report (1)

Twenty (20) copies in English at the commencement of the fieldwork (second year) of Phase I.

4 Progress Report (2)

Twenty (20) copies in English at the end of the fieldwork of Phase I.

5 Progress Report (3)



Twenty (20) copies in English at the end of the fieldwork(second year) of Phase II .

6 Interim Report (2)

Twenty (20) copies in English at the commencement of the fieldwork(third year) of Phase II .

7 Progress Report (4)

Twenty (20) copies in English at the middle of the fieldwork(third year) of Phase II .

8 Draft Final Report

Twenty (20) copies in English after office work in Japan is completed. The Royal Irrigation Department(hereinafter referred to as the "RID") will provide JICA with its comments on the Draft Final Report within one (1) month of its receipt of the Draft Final Report.

9 Final Report

Thirty (30) copies in English within one(1) month of JICA's receipt of the RID's comments on the Draft Final Report.

## VII UNDERTAKINGS OF THE THAI AUTHORITIES CONCERNED

1 Specific privileges and other benefits to the Japanese Study Team (hereinafter referred to as "the Team") necessary for the conduct of the Study will be provided in accordance with the Agreement on Technical Cooperation between the GOJ and the GOT signed on November 5, 1981.

2 The RID shall act as the counterpart agency to the Team. The RID shall also act as the coordinating body between the other governmental and non-governmental organizations concerned with smooth implementation of the Study.

3 To facilitate the smooth conduct of the study, the RID shall take the following necessary measures in cooperation with other relevant organizations within the laws and regulations in force in Thailand:

- 3.1 to cooperate in securing the safety of the Team when and as required in the course of the Study,
- 3.2 to cooperate in securing permission for entry into private properties or restricted areas for the implementation of the Study ,
- 3.3 to cooperate in securing permission for the Team to get access to all data, documents and information necessary for the execution of the Study, and
- 3.4 to provide medical services as needed. Expenses will be chargeable to the members of the Team

4 The RID shall, at its own expense, provide the Team with the following in cooperation with other organizations:

- 4.1 available data related to the Study,
- 4.2 counterpart personnel,
- 4.3 suitable office space with necessary equipment in Bangkok and the Study sites, and
- 4.4 credentials and/or identification cards.





## VIII UNDERTAKINGS OF JICA

For the implementation of the Study, JICA shall:

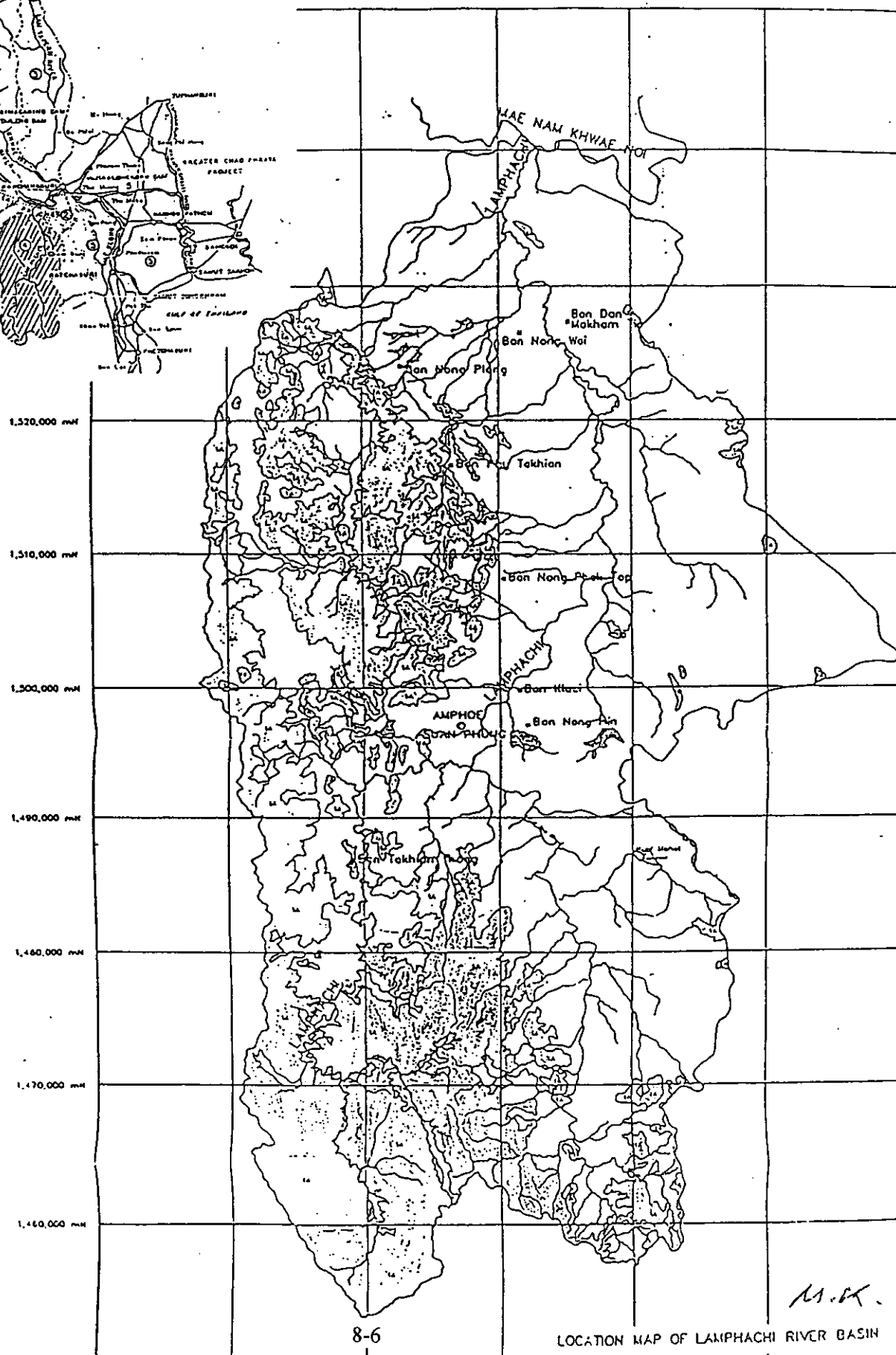
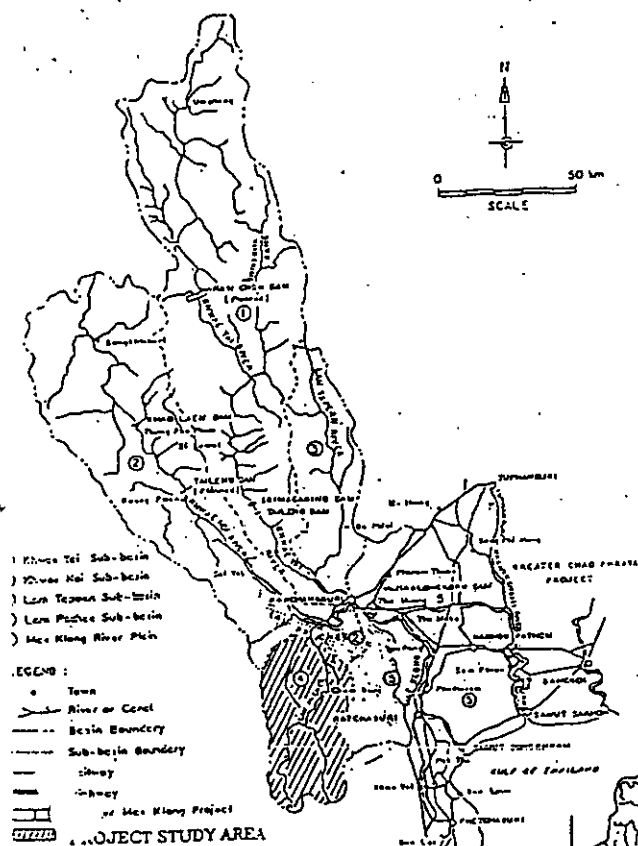
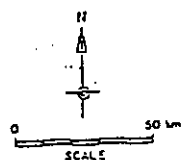
- 1 dispatch, at its own expense, the Study team to Thailand, and
- 2 pursue technology transfer to Thai counterpart personnel in the course of the Study.

## IX CONSULTATION

JICA and the RID shall consult with each other in respect of any matters that may arise from, or in connection with, the Study.

A handwritten signature in dark ink, appearing to be 'M. K. Singh', is located in the lower right quadrant of the page.

## STUDY AREA



# TENTATIVE WORK SCHEDULE

Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	31	32	
Thai side study																																
Japan side study																																
<Work in Thailand>																																
<Work in Japan>																																
Phase	Phase1																Phase 2															
Reports	$\Delta_{Ic/r}$	$\Delta$	$P/r(1)$	$\Delta$	$I_t/r(1)$	$\Delta$	$P/r(2)$	$\Delta$	$I_t/r(2)$	$\Delta$	$P/r(3)$	$\Delta$	$I_t/r(2)$	$\Delta$	$P/r(4)$	$\Delta$	$DF/r$	$F/r$														

(Remarks)	Ic/r	Inception Report
	P/r(1)	Progress Report(1)
	It/r(1)	Interim Report(1)
	P/r(2)	Progress Report(2)
	P/r(3)	Progress Report(3)
	It/r(2)	Interim Report(2)
	P/r(4)	Progress Report(4)
	Df/r	Draft Final Report
	F/r	Final Report

M.R. 7.2

**MINUTES OF MEETINGS  
FOR  
THE STUDY  
ON  
APPLICATION OF PARTICIPATORY PLANNING  
IN RURAL AND AGRICULTURE DEVELOPMENT PROJECT  
IN THE LAM PA CHI RIVER BASIN  
IN  
THE KINGDOM OF THAILAND  
AGREED UPON BETWEEN  
THE ROYAL IRRIGATION DEPARTMENT OF  
THE MINISTRY OF AGRICULTURE AND COOPERATIVES  
AND  
THE JAPAN INTERNATIONAL COOPERATION AGENCY**

Bangkok, 13 February, 2002



Mr. Mondhian Kangsasiatam  
Deputy Director General for Engineering  
Royal Irrigation Department  
Ministry of Agriculture and Cooperatives  
Kingdom of Thailand



Mr. Kazuhiko MARUYAMA  
Team leader  
the Preparatory Study Team  
Japan International Cooperation Agency  
Japan

In response to a request from the Government of Kingdom of Thailand (hereinafter referred to as the "GOT"), the Preparatory Study Team (hereinafter referred to as "the Team") headed by Mr. Kazuhiko MARUYAMA was sent to the Kingdom of Thailand by the Japan International Cooperation Agency(hereinafter referred to as "JICA") from January 26 to February 14,2002. The Team held a series of discussions and field survey in relation to THE STUDY ON APPLICATION OF PARTICIPATORY PLANNING IN RURAL AND AGRICULTURE DEVELOPMENT PROJECT IN THE LAM PA CHI RIVER BASIN (hereinafter referred to as "the Study") with representatives of the Royal Irrigation Department(hereinafter referred to as " the RID") and other relevant organizations. The list of participants in the series of meetings is attached as ANNEX 1. The following were agreed upon by both Thai and Japanese sides in relation to the Study.

### 1.Need to study under the participation of stakeholders

The RID explained the needs of the Study in the direction of the Royal Thai Government's policy that phasized on the necessity of participatory approach. Both the Team and the RID jointly elaborated and confirmed the skeleton of participatory approach (ANNEX 2) to be applied to the Study for formulating a master plan and implementing a pilot project(s) and the schedule of the Study.

### 2.The pilot project(s)

The Team and the RID discussed and agreed a procedure to select the pilot project(s) of which candidate project(s) shall result in applying the participatory approach most effectively. It is accepted that the Thai side will determine the pilot project site(s) after the Japanese side recommend the candidates.

The conditions for selecting pilot project site(s) were mutually agreed as follows:

- 1)Field: Agriculture and Irrigation development
- 2)Size: Small-scale
- 3)Number: Not more than two(2) within JICA's budget.

JICA and the RID shall consult with each other if more than two pilot projects are necessary for implementation within the JICA budget as the result of the Study.

### 3.Work sharing

The Team and the RID understood the importance of work sharing to make the participatory arrangements.

While the RID will make every effort in conducting survey which is one of the components of the Study, the Japanese side, including work done by local consultants whom the JICA is going to fund on, will take items mentioned below:

The Japanese side will mainly share the following:

- 1) Participation method of stakeholders in formulating the master plan and implementing the pilot projects.
- 2) Contribution of beneficiaries of projects.
- 3) Formulation of the draft master plan.
- 4) Implementation of pilot project(s).
- 5) Formulation of the master plan for the Study area taking into account the outcome of the pilot

project(s).

The Thai side requested the environmental profile of the basin to be conducted by the Japanese side. The Japanese side took note it.

The Thai side will mainly share the following:

- 1) Review of previous master plans and existing development projects/plans for the Lam Pa Chi River Basin.
- 2) Data collection of water resources except ground water.
- 3) Conduct of Initial Environmental Examination (IEE) of the pilot project(s), if it is necessary.
- 4) Selection of the area for pilot project(s) based on criteria set during the study.
- 5) Following up the draft master plan.

It is noted that collecting opinions for finalizing the master plan will be continually carried out by the Team in cooperation with the Thai side in Phase 2 after the presentation of the draft master plan.

Diffusion of knowledge and information gained by those concerned with the study through technical transfer seminars and other activities

#### 4. Arrangements on the Study coordination

For the sake of smooth and effective conduct of the Study, both the Team and the RID agreed to establish a Joint Steering Committee to monitor and supervise implementation of the study. Embassy of Japan, JICA Thailand Office, JICA expert attached to the RID and JICA study team will be the members of the committee. The member of Thai side will be decided in due course.

The RID has already established a Steering Committee to coordinate arrangements of the study to be conducted in Thailand in cooperation with the agencies/organizations concerned at central level. The RID explained a sub-committee at local level will be formed by the commencement of the study. The Team requested the Thai side to make necessary efforts for that.

The Team emphasized the importance of technical advisory support for the communities at Tambon / Administration Office (TAO) workshops and requested the RID to establish technical support group which consist of members from agencies/organizations concerned at local level. The RID understood the necessity of such assistance and took note the request of the Team.

#### 5. Seminar/workshop

To make the Study effective to promote the participatory approach on planning in RID activities, the Team and the RID mutually understood the needs of seminars/workshops to get public opinions and to give information.

Both sides further agreed to make possible efforts to have opportunities to train RID staff.

#### 6. Counterpart organization and counterpart personnel

- (1) In implementing the Study, the RID will nominate the counterpart personnel to the Study Team, as proposed tentatively in ANNEX3:
- (2) The RID will provide office space and facilities for the Study Team at Bangkok and Provincial offices.

## 7. Training of Counterpart Personnel

The RID requested that a few Thai counterpart personnel will be considered as participants for the short term training in Japan instead of one long term training to promote an effective technology transfer. The Team promised to convey the request to the JICA head quarters.

## 8. Equipment

The RID requested some equipment for this study (Annex 4). The equipment will be used in facilitating the study in participatory activities and public relations. The Team promised to convey the request to the JICA head quarters.

## 9. Reports and documents


For effective participation of communities the RID requested draft final report (summary) and final report (summary) to be translated into Thai language. Additional documents for the purpose of participatory activities will be prepared in Thai language. The Team promised to convey the request to the JICA head quarters.

**(A) LIST OF RID STAFF MET BY THE JICA PREPARATORY STUDY TEAM**

1. Mr. Mondhiam Kangsasitiam	Deputy Director General for engineering
2. Dr. Siripong Hungsapreug	Director, Office of Budget Programming and Project Planning
3. Mr. Prasong Sargchokyu	Director, Office of Regional Irrigation 10
4. Mr. Suwit Thanopanuwat	Chief, Project Planning Section 1
5. Mr. Chatchai Boonlue	Chief, Policy and Plan Coordinating Section
6. Mr. Teerachai Chonhenchob	Chief, Project Planning Section 3
7 Mr. Santi Thinnakorn	Economist 7, Economic Branch
8. Mr. Pittaya Hiranburana	Economist 8, Evaluation Branch
9. Mr. Chalum Nilapant	Civil Engineer 7, Project Planning Section 3
10. Mr. Weera Wangvarawong	Civil Engineer 5, Project Planning Section 1

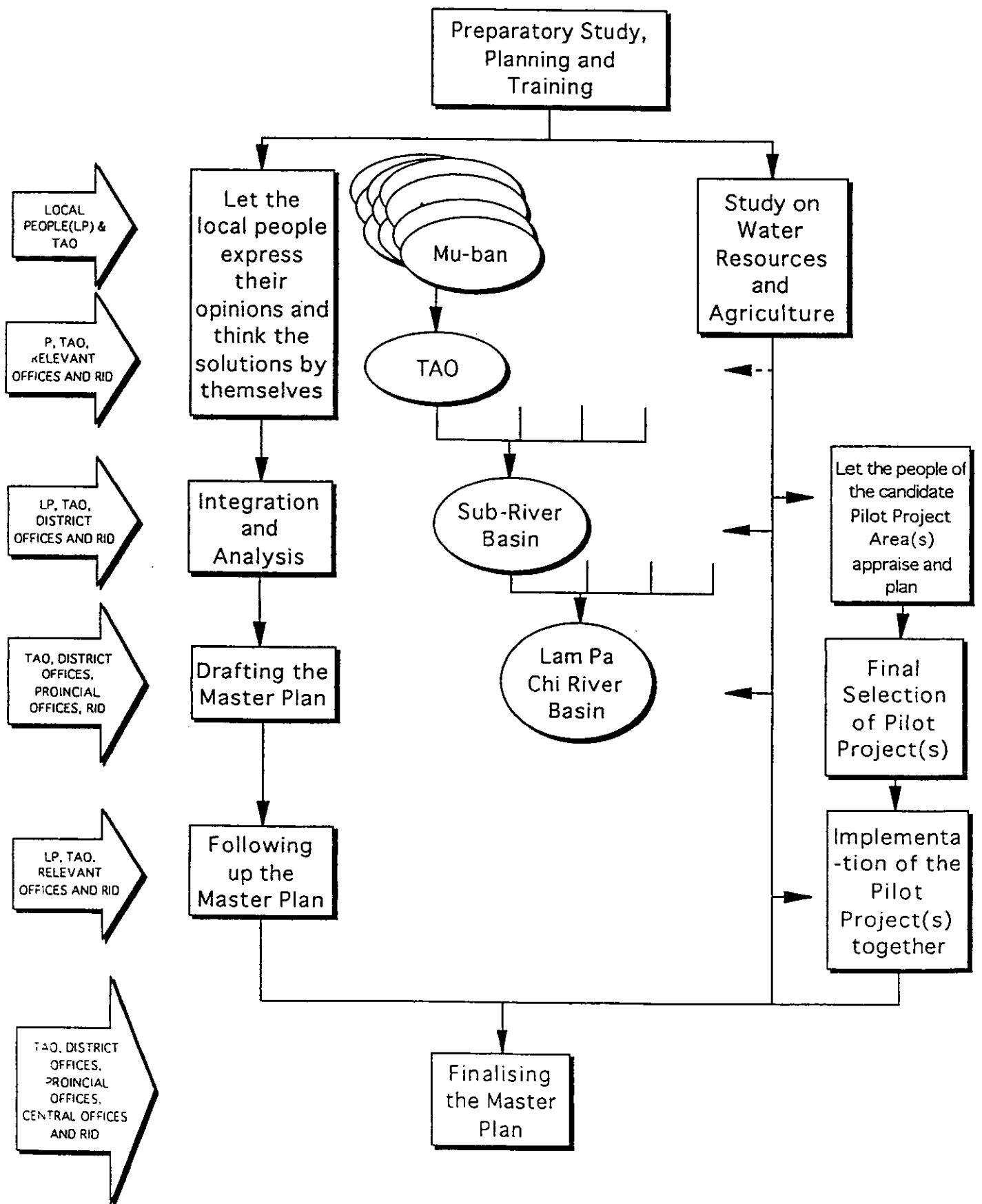
**(B) LIST OF THE PREPARATORY STUDY TEAM, JICA**

1. Mr. Kazuhiko MARUYAYA	Leader
2. Mr. Mitsuru KIMURA	Member
3. Mr. Hikaru OISHI	Member
4. Mr. Shinji KAWABE	Member
5. Mr. Toshiro IWAHASHI	Member
6. Mr. Yoji KAMATA	Member

  
 V. ...



ANNEX 2:  
The Skelton of Participatory Approach



List of Tentative proposed Counterparts

Central level

1) Water Resource Group

1. Mr. Teerachai Chonhenchob
2. Mr. Chalum Nillapan

2) Participation Group

1. Mr. Pittaya Hiranburana
2. Mr. Santi Thinnakorn
3. Mr. Weera Wangvarawong

3) Flood Management

Mr. Suwit Thanopanuwat

Project Coordinator

Mr. Chatchai Boonlue

Local

Regional 10 (PIM Unit)

Mr. Manoch Nilniyum

Kanchanaburi

1. Mr. Niwat Aimsophon
2. Mr. Sungsak Saowong

Ratchaburi

1. Mr. Thepong Trinete
2. Mr. Pirat Thapprasert

Equipments required

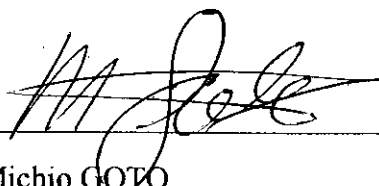
<u>Mobile Unit</u>	NO.
1. Microbus	2
2. Four wheel stationwagon	2
3. Computer VCD with projector	2
 <u>Office Unit</u>	
1. Planimeter	1
2. Plotter machine	1

MINUTES OF THE MEETING  
ON  
INCEPTION REPORT  
FOR  
STUDY ON  
APPLICATION OF PARTICIPATORY PLANNING  
IN RURAL AND AGRICULTURE DEVELOPMENT PROJECT  
IN THE LAM PA CHI RIVER BASIN  
IN  
THE KINGDOM OF THAILAND

Bangkok  
November 1<sup>st</sup>, 2002



Mr. Surakarnchara ASAVAVALLOBH  
*Acting* Deputy Director General for Engineering  
Royal Irrigation Department  
Ministry of Agriculture and Cooperative  
Kingdom of Thailand



Mr. Michio GOTO  
Team Leader of Study Team  
Japan International Cooperation Agency



Mr. Shinji KAWABE  
Witnessed by Headquarters of  
Japan International Cooperation Agency

The Study Team organized by the Japan International Cooperation Agency (hereinafter referred to as "JICA") headed by Mr. Michio GOTO, had a meeting on the Inception Report for the Study on Application of Participatory Planning in Rural and Agriculture Development Project in the Lam Pa Chi River Basin with the members of the Steering Committee for the Study on 29<sup>th</sup> October, 2002 at the Royal Irrigation Department (hereinafter referred to as "RID") of Ministry of Agriculture and Cooperatives and the members of the Sub Steering Committee on 30<sup>th</sup> October, 2002 at Regional 10 RID's office respectively. The participants are shown as attached paper. The presentation of the Inception Report was made by the JICA Study Team and a few comments were given to it by the Steering Committee and Sub-steering Committee members. The Study Team accepted all the comments and advice from the Steering Committee and expressed the sincere willingness to take due account of the precious comments. The main issues discussed by both sides in relation to the Inception Report for the Study are as follows: The list of Steering Committee and Sub-steering Committee is attached as ANNEX 3 and ANNEX 4 respectively.

**1. Effective Use of Tambon Administration Office (TAOs) and Technology Transfer Center (TTC)**

At the Steering Committee of the meeting, a member of Committee explained that some TAOs out of 16 TAOs in the basin have not functioned well. He recommended, therefore, to effectively use TTC. The Study Team understood the current situation of the TAO and TTC, and TTC also is to be considered as one of the organization same as TAO to establish participation system which plays key role to coordinate development undertakings with the inhabitant.

**2. Practical Utilization of Technical Support Group (TSG)**

The function of TSG is to technically support the activities of water resources development and related items in the Study. The TSG is given responsibility to make technical advice on the needs of communities. During the Study, the TSG is expected to play important roles in formulating project jointly with local inhabitants by making technical advice as well as considering solution to the problem with the present system/set-up of RID. The Study Team, therefore, requested Sub-steering Committee to establish TSG as soon as possible and Thai side agreed to formulate TSG.

**3. Flood Mitigation of Lam Pa Chi River Basin in the Master Plan**

At the Sub-steering Committee of the meeting, a member of Committee requested that mitigation of flood in the Lam Pa Chi River basin should be described in the Master Plan and the JICA Study Team agreed.

**4. Participatory Development Documents**

Thai side considers necessary to prepare a draft on Participatory work schedule at the beginning stage of study and as much details as possible. The Study Team is kindly requested to prepare this draft schedule that indicate activities, time and responsible person. This draft schedule will be used to discuss with the Steering Committee, Sub-steering Committee or TSG in order to adjust and finally get approval or agree to use as a work plan during the period of the Study.

**5. Counterpart Personnel at Regional 10**

As to the undertakings by the Government of Thailand to JICA Study Team, the Study Team asked the favor of nominating counterparts from Regional 10 for the convenience of site surveys. The Sub-steering Committee agreed on this request so as to properly nominate counterparts who can accompany with the Study Team members during the site survey. The list of counterpart personnel is shown as ANNEX 1.

**6. Equipment**

The equipment will be used in facilitating the Study in participatory activities and public relations. List of equipment to be procured is shown as Annex 2. And also RID strongly requested one Microbus, one 4WD station wagon and a digitizer. The JICA Study Team promised to convey the request to the JICA headquarters.

**7. Training of Counterpart Personnel**

The RID re-requested that a few Thai counterpart personnel will be considered as participants for the short term training in Japan instead of one long term training to promote an effective technology transfer.

**8. Report**

The RID requested the JICA Study Team to prepare the additional Progress Report in English resuming the results of Phase 1 at the end of Phase 1 and also requested to translate Interim Report (1), additional Progress Report and Progress Report (2) into Thai language. In addition, preparation of the Progress Report (1), (2) Interim Report (1), (2) and Draft Final Report are requested to submit 50 copies. The JICA Study Team promised to convey these request to the JICA head quarters.

**9. Agreement on the Inception Report**

Finally, both parties agreed on the Inception Report in principle.

## **Annex 1**

### **List of Counterparts**

<u>Section</u>	<u>Name</u>	<u>Position</u>
General Coordinating	Mr. Chatchai Bunlue	Chief of Project Policy and Program Coordinating Branch
River Basin Development Plan	Mr. Weera Wangworawong	Civil Engineer 5
Water Resources and Irrigation Development Project	Mr. Chalam Ninlaphan	Civil Engineer 7
Social Economic Participation	Mr. Taweetilp Lumchalern	Economist 7
Hydrology Section	Mr. Khosit Losirirat	Chief of Sediment and Water Quality Section
Environmental Section	Ms. Wachiraporn Kamnertphet	Environmental Expert 4
Kanchanaburi Provincial Irrigation Project		
Ratchaburi Provincial Irrigation Project		
Project Planning Group 1	Mr. Suwit Thanopanuwat	Chief
Project Evaluation Group	Mr. Pittaya Hirunburana	Chief
Department of Cooperative Promotion	Ms. Anusara Munrawang	Foreign Relation Officer 6
Department of Livestock Development	Mr. Arak Chaikul	Veterinary



## **ANNEX 2    Equipment List**

<u><b>I T E M s</b></u>	<u><b>Qt'y</b></u>	<u><b>Specification</b></u>
<b>1 .    Computer</b>	<b>1 set</b>	<b>COMPAQ PRESARIO 700</b>
<b>2 .    Projector</b>	<b>1 set</b>	<b>for power point</b>
<b>3 .    Planimeter</b>	<b>1 set</b>	<b>-</b>

## **Annex 3**

### **List of Participants on Steering Committee**

October 29, 2002

Conference Room 2, Office of Budget Programming and Project Planning, RID

#### **1. RID**

<u>Section</u>	<u>Name</u>	<u>Position</u>
Deputy Director General for Engineering	Mr. Thanunchai Thammaphirom (Rep.)	Engineer 9
Director of the Office of Regional Irrigation 10	Mr. Supat Wattayu (Rep.)	Irrigation Engineer 10
Chief of Project Policy and Program Coordinating Branch	Mr. Chatchai Bunlue	Chief of Project Policy and Program Coordinating Branch
Economics Group	Mr. Sangad Onnum	Chief
Royal Irrigation Department	Mr. ISHIZAKA Kuniyoshi	JICA Expert

#### **2. Steering Committee**

Representative for Department of Agriculture Extension	Mr. Manote Iampiya Mr. Arnat Hunla	Expert 5 Expert 5
Representative for Department of Land Development	Mr. Paitoon Khadeetham	Plan and Policy Analyst 8
Representative for The Cooperative Promotion Department	Ms. Krenda Chaiwat	Plan and Policy Analyst 7
Representative for ALRO	Acting Sub Lt. Kasian Thiamwichitchai Mr. Prakob Yingchol	Civil Engineer 8 Civil Engineer 7
Director of Central Development Center	Mr. Pairot Photiwong (rep.) Mr. Phum Sopachamras	Plan and Policy Analyst 8 Plan and Policy Analyst 7
Department of Livestock Development	Mr. Suwut Chalechorn	Director of Veterinary Service Division

### 3. Counterparts

<u>Section</u>	<u>Name</u>	<u>Position</u>
General Coordinating	Mr. Chatchai Bunlue	Chief of Project Policy and Program Coordinating Branch
River Basin Development Plan	Mr. Weera Wangworawong	Civil Engineer 5
Water Resources and Irrigation Development Project	Mr. Chalam Ninlaphan	Civil Engineer 7
Social Economic Participation	Mr. Taweetilp Lumchalern	Economist 7
Hydrology Section	Mr. Khosit Losirirat	Chief of Sediment and Water Quality Section
Environmental Section	Ms. Wachiraporn Kamnertphet	Environmental Expert 4
Project Planning Group 1	Mr. Suwit Thanopanuwat	Chief
Project Evaluation Group	Mr. Pittaya Hirunburana	Chief
Department of Cooperative Promotion	Ms. Anusara Munrawang	Foreign Relation Officer 6
Department of Livestock Development	Mr. Arak Chaikul	Veterinary

### 4. Japan Side

<u>Organization</u>	<u>Name</u>	<u>Position</u>
JICA Headquarters	Mr. KAWABE Shiniji	JICA Staff
JICA Study Team	Mr. GOTO Michio	Team Leader
JICA Study Team	Mr. KAWASAKI Ryoichi	Hydro-geologist
JICA Study Team	Mr. OKABE Hiroshi	Participatory Planner
JICA Study Team	Mr. HIRUTA Hideaki	Agronomist

## **Annex 4**

### **List of Participants on Sub Steering Committee**

October 30 2002

Office of Regional Irrigation 10, Kanchanaburi Province

#### **1. Ratchaburi Province**

<u>Section</u>	<u>Name</u>	<u>Position</u>
Chief of Amphoe Suan Phueng	Mr. Wattana Burana (Rep.)	Sub steering Committee
Provincial Forestry	Mr. Wittaya Panchamat (Rep.)	Sub steering Committee
Provincial Land Development	Mr. Pisit Chichoen	Sub steering Committee
Provincial Agriculture	Mr. Paitoon Khadeetham (Rep.)	Sub steering Committee
Office of Regional Irrigation 10	Mr. Supat Wattayu	Sub steering Committee
Ratchaburi Provincial Irrigation Project	Mr. Niwat Iamsophon	Sub steering Committee and Secretary
Office of Budget Programming & Project Planning	Mr. Manote Ninniyom	Sub steering Committee and Deputy Secretary
Office of Budget Programming & Project Planning	Mr. Chalam Ninlaphan	Civil Engineer 7

#### **2. Kanchanaburi Province**

<u>Sub Steering Committee</u>	<u>Name</u>	<u>Position</u>
Chief of Amphoe Dan Makham Tia	Mr. Yingsak Sripattanapong	Sub steering Committee
Provincial Forestry	Mr. Wittaya Panchamat (Rep.)	Sub steering Committee
Provincial Land Development	Mr. Tanatip Promsik	Sub steering Committee

Provincial Agriculture	Mr. Yothin Manapakdee	Sub steering Committee
Office of Budget Programming & Project Planning	Mr. Chalam Ninlaphan	Sub steering Committee

### 3. Counterparts

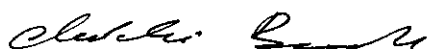
<u>Counterparts</u>	<u>Name</u>	<u>Position</u>
General Coordination	Mr. Chatchai Bunlue	Chief of Coordination Section
River Basin Development Plan	Mr. Weera Wangworawong	Civil Engineer 5
Water Resources and Irrigation Development Project	Mr. Chalam Ninlaphan	Civil Engineer 7
Social Economic Participation	Mr. Taweetilp Lumchalern	Economist 7
Hydrology Section	Mr. Khosit Losirirat	Chief of Sediment and Water Quality Section
Environmental Section	Ms. Wachiraporn Kamnertphet	Environmental Expert 4
Kanchanaburi Provincial Office	Mr. Somboon Laosuntareeya	Chief of Policy and Plan Section
Kanchanaburi Provincial Office	Ms. Nuchlada	Plan and Policy Analyst 6
Kanchanaburi Provincial Office	Mr. Siam Intarasakul	Plan and Policy Analyst 3
Office of Regional Irrigation 10	Mr. Preecha Paichitrasukon	Director of

#### **4. Japan Side**

<u>Organization</u>	<u>Name</u>	<u>Position</u>
JICA Headquarters	Mr. KAWABE Shiniji	JICA Staff
JICA Study Team	Mr. GOTO Michio	Team Leader
JICA Study Team	Mr. KAWASAKI Ryoichi	Hydro-geologist
JICA Study Team	Mr. OKABE Hiroshi	Participatory Planner
JICA Study Team	Mr. HIRUDA Hideaki	Agronomist
JICA Study Team	Mr. TSUMURA Kazumitsu	Hydrologist
Royal Irrigation Department	Mr. ISHIZAKA Kuniyoshi	JICA Expert

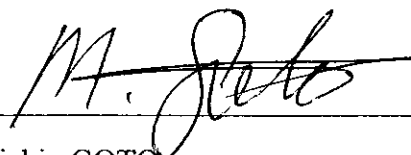
MINUTES OF THE MEETING  
ON  
PROGRESS REPORT (1)  
FOR  
THE STUDY ON  
APPLICATION OF PARTICIPATORY PLANNING  
IN RURAL AND AGRICULTURE DEVELOPMENT PROJECT  
IN THE LAM PA CHI RIVER BASIN  
IN  
THE KINGDOM OF THAILAND

Bangkok  
February 28, 2003



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Mr. Chatchai Bunlue  
General Coordinating  
Royal Irrigation Department  
Ministry of Agriculture and Cooperative  
Kingdom of Thailand



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Mr. Michio GOTO  
Team Leader of Study Team  
Japan International Cooperation Agency  
Japan

The Study Team organized by the Japan International Cooperation Agency (hereinafter referred to as "JICA") headed by Mr. Michio GOTO, had a meeting on the Progress Report (1) for the Study on Application of Participatory Planning in Rural and Agriculture Development Project in the Lam Pa Chi River Basin with the members of the Steering Committee for the Study on 25<sup>th</sup> February, 2003 at the Ministry of Agriculture and Cooperatives (hereinafter referred to as "MOAC") and the members of the Sub Steering Committee on 27<sup>th</sup> February, 2003 at Regional 13 Royal Irrigation Department (hereinafter referred as RID) office respectively. The participants are shown as in the Attachment.

The presentation of the Progress Report (1) was made by the JICA Study Team and the Steering Committee and Sub-steering Committee members gave a few comments on the Report. The Study Team accepted all the comments and advice from the Steering Committee and expressed the sincere willingness to take due consideration on the precious comments. The main issues discussed by both sides in relation to the Progress Report (1) for the Study are as follows. The list of Steering Committee and Sub-steering Committee is attached as ANNEX 1 and ANNEX 2 respectively.

#### **Meeting Agreement at Steering Committee**

##### **1. Closer Cooperation between RID and Related Agencies concerned**

At the meeting of Steering Committee, JICA Study Team explained that closer cooperation between RID and related Agencies concerned such as Royal Forest Department, Agricultural Land Reform Office etc., should be secured so as to formulate Master Plan in real participatory manner with having exchanging of the development policy/strategy and information in the Study Area.

##### **2. Strengthening of roles and functions of Technical Support Group (TSG)**

TSG was established in December 2002 at Kanchanaburi and Rachaburi provinces respectively. The roles and functions of TSG is to take a responsibility to give technical advices on the needs of communities as well as to technically support the activities of water resources development and related items in the Study. Further to proceed the Study, TSG is expected to play more important roles in formulating project jointly with local peoples by making technical advices as well as considering solution to the problems within the present system of RID.



### **Comments from the Steering Committee**

#### **1. Who made a decision on priority of activities?**

The representative of RID asked about the decision making on priority of activities since there are so many activities in each sub-basin shown as Urgent (within 2-3 years) in Project Activities Matrix (PAM). The question was how the participants decided the priority of these activities.

Study Team answered that the representatives of villagers made the priority of activities by themselves in PCM workshop judging from the criteria namely their urgent requirements and how problems are serious.

#### **2. The meaning of some activities shown in PAM**

The representative of Cooperative Promotion Department asked to clarify the meaning of some activities in PAM such as “Cooperation among the farmers for selling products” and “Product processing to make high price of product”

Study team answered; in PCM workshop, one problem is the exploitation from middleman therefore the representatives of villagers proposed the former one. And the latter was from the problem of excess products. If there are too many same products, the price of them would be low. The farmers want to sell their products with higher price with value added through processing. But all this should also have to depend on market demand. That is concerned with another activity –to establish the market information center.

#### **3. Water Management**

The representative of Office of the National Economic and Social Development asked that the Study Team have ever studied about the problem of water management in the area out of Lam Pa Chi Basin or not. She recommended it might be useful to formulate the subject development plan with due reference to the water management studies made in the other areas. Study Team has accepted the comment for consideration.

#### **4. Livestock Activity**

The chairman asked a question why Study Team did not mention more detail about livestock and someone also asked the problems of a number of elephants living there in Kanchanaburi.

Study Team answered that cows as well as fowls are main livestock but number of household breeding them are less than 8 % in the Study Area as shown in presentation paper. And the study area in Kanchanaburi is only in Amphoe Dan Makham Tia where accounts for about 14 % in total and elephants living in this are few.

## **Meeting Agreement at Sub-Steering Committee**

### **1. Role of TTC**

The chairman said now MOAC emphasizes the policy of strengthening TTC to be the agricultural information center in each Tambon.

Mr. Chatchai, the Secretary of the Sub-Steering Committee, said that TTC is very important for participatory development in Lam Pa Chi River Basin and expected to take a great role especially at the meetings in the future stage. The meeting agreed that TTC would be the information center of the Study and should be the main support for participatory activities.

### **2. Role of TSG**

The Study Team requested Sub-Steering Committee to avail TSG's participation in PCM workshop to strengthen its roles and functions. The meeting agreed that the Study Team would have a workshop for TSG before the second discussions at 4 sub-basins.

The chairman concluded the idea and would have liked the Study Team to make a schedule for TSG meeting.

## **Comments from Sub-Steering Committee**

### **1. Issues on Disease and Low Price**

The Chairman wanted to clarify what kind of diseases and pests are problem, as three main crops, cassava, pineapple and sugarcane, are believed to be very strong against diseases. Also, he suggested that the problem of low price may have occurred only in pineapple, because, today, price of cassava is good and price of sugarcane is set by the Government.

Study Team answered that many kinds of diseases are reported on three main crops such as a kind of bacteria and insect. Bacteria causes to whiten the leaves of sugarcane and insect eats the root of cassava. Furthermore, the problems of low price ever occurred not only in three main crops but also in the other crops such as vegetables and fruit trees.

### **2. Advices Needed From Experts**

Mr. Chatchai said that farmers need some more data cleared out or details to understand the current situation technically. For example, regarding the activities in "soil" and "disease/pest," farmers had wanted experts to give them more suggestions and knowledge, implying there was insufficient suggestions from experts in the area or expert had helped some farmers but not all.

### **3. Participants from TTC and TSG**

The Chairman asked whether study team got information from TTC or farmer's groups in the PCM workshops

Study team answered that the participants in each Tambon are the leaders of villages or the person who knew a lot about their problems in each village and also TAO officers and the member from TSG.

The Assistant Chief of District Dan Makham Tia said that he found that some people are from Broccoli Group, Water User Group and quotamen of sugarcane.

### **4. Ownerships of the activities**

The Assistant Chief of District Dan Makham Tia showed much appreciation to the Study Team about PCM workshop that he noticed the farmers have had more enthusiasm to think and solve their problems together. The farmers hoped they had to realize everything that they proposed in this workshop.

The chairman said, in the development plan, it is not necessary for the Government to respond to all, if farmers or some organizations could do some activities by themselves.

### **5. Another Organizations in the “Organization Chart”**

The representative of Ban Kha Agricultural Extension Office suggested that there should be more agencies in organization chart that the Study Team showed in the presentation. Ministry of Commerce and Ministry of Industry should also be involved because both ministries are directly related with product price and sugarcane factories respectively.

The assistant chief of district Dan Makham Tia also suggested adding Department of Local Administration under the Ministry of Interior in the Organization.

### **6. Lack of Knowledge**

Mr. Pramart and Mrs. Nonglak, the representatives of Dan Makham Tia Agricultural Extension Office, suggested their opinion on the problem of “lack of knowledge.” There are TTCs as the information center in each Tambon and the farmers could ask them for helps. Lack of knowledge of the farmers might be caused by the fact that the farmers are very busy so that they could not attend to the TTC's meetings. He also added that, from the past, he found that the most serious problems of the farmers are in insufficiency of water

**Further Schedule**

Mr. Goto, the team leader of the Study Team, explained about the further schedule. Discussions at 4 sub-basins would take place again in May. The Study Team would like to finalize the priority project of each Tambon. At that time, there would be so many proposals coming from the farmers therefore, active participation in the meeting by TSG would be highly expected.

**Report**

Based on the Scope of Work for the captioned Study signed on 25<sup>th</sup> June, 2002, the Study Team submitted the twenty (20) copies of Progress Report (1) in English to the Thai side. The outcomes and the comments to the Progress Report (1) will be reflected to the further study.

**Annex 1****List of Participants on Steering Committee****February 25, 2003 from 2pm to 4pm****Conference Room (2/2) At Ministry of Agriculture and Cooperative (MOAC)**

<b>NO.</b>	<b>POSITION</b>	<b>Name</b>	<b>Tel.</b>
1	Deputy Permanent Secretary (Chairman)	Mr. Thammarong Prakobboon	
2	Deputy Director-General for Engineering, RID	Dr. Siriphong Hangsaphuek	
3	Director : Office of Project Administration, RID	Mr.Chatri Khaew-Plung	02 2437870
4	Director : Regional Irrigation Office 13, RID	Mr.Satin Weeradate	01 9919887
5	Deputy Director General, The Cooperatives Promotion Department	Mr.Thongchat Raksakul	02 5793021
6	Deputy Director General, The Cooperatives Promotion Department	Mr. Chanchai Dejsiripa	02 9406059
7	Representative, Department of Land Development	Mr.Arnut Hunlar	01 8542088
8	Representative, Department of Land Development	Mr.Phaithoon Kadeetham	01 9853322
9	Representative, Department of Land Development	Mr.Anusorn Chantanaroj	09 8134955
10	Representative from The Cooperatives Promotion Department	Mrs. Sudsawat Therasuthakorn	02 2822922 Ext.515
11	Representative from The Cooperatives Promotion Department	Mr. Peeraphong Warasaen	02 2816698
12	Deputy Secretary General of Agricultural Land Reform Office	Mr. Chantaluk But-Uang-Kul	01 8365223
13	Office of The National Economic and Social Development Board	Miss Chandara Panyanuwat	02 2814059
14	Representative from Department of Livestock	Mrs. Usuma Kukiattnan	01 9006035
15	Agriculture and Cooperative Promotion Ratchaburi	Mr.Sutthi Chaiso	032 323115
16	Agriculture and Cooperative Promotion Kanchanaburi	Mr. Suwitchat Kayankannawi	01 6151923
17	Chief of Environmental Group :RID	Mr. Niwat Chankul	02 2414421

NO.	POSITION	Name	Tel.
18	Chief of Project Policy and Program Coordinating Branch, RID	Mr. Chatchai Bunlue	
19	Chief of Project Standard Planning, RID	Mr. Chalun Nilphan	02 2412680
20	Economist level 7, RID	Mr. Santi Thinnakhorn	02 2415058
21	Agriculture and Cooperative Promotion Ratchaburi	Mrs. Duangnuan Khanarat	032 323115, 323103
22	Environmental level 4 : RID	Miss Wachiraporn Kamnuadphet	02 2414421
23	Agriculture and Cooperative Promotion Ratchaburi	Mr. Bunnom Unkasem	02 2802889
24	Agriculture and Cooperative Promotion Ratchaburi	Miss Potchanee Ponmalawat	
25	Embassy of Japan	Mr. Ichio Yaoya	02 2526151
26	Embassy of Japan	Mr. Yoshitake Tsuzuki	02 2526151
27	JICA Expert, MOAC	Mr. Toyoshi Miyanaga	01 1703877
28	JICA Expert, RID	Mr. Kuniyoshi Ishizaka	02 2431044
29	JIXA Study Team	Mr. Michio Goto	
30	JICA Study Team	Mr. Hideaki Hiruta	
31	Assistant, JICA Study Team	Mr. Banluesak Wattanasathien	02 2785687
32	Assistant, JICA Study Team	Mr. Kiatisak Nitkoskul	
33	Assistant, JICA Study Team	Miss Priyakorn Satarom	02 2797075

**Annex 2****List of Participants on Sub-Steering Committee****February 27, 2003 from 9:00am to 11:30am****Office of Regional Irrigation 13, Kanchanaburi Province**

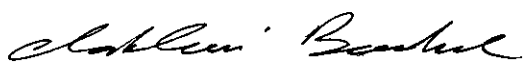
<b>NO.</b>	<b>POSITION</b>	<b>Name</b>	<b>Tel.</b>
1	Agriculture and Cooperative Promotion Kanchanaburi, (Chairman)	Mr. Suwitchat Kayankannawi	01 6151923
2	Chief of Project Policy and Program Coordinating Branch, RID, (Secretary of Sub- Steering Committee)	Mr. Chatchai Bunlue	
3	Chief of Project Standard Planning, RID	Mr. Chalun Nilphan	02 2412680
4	Economist level 7, RID	Mr. Santi Thinnakhorn	02 2415058
5	Economist level 7, RID	Mr. Thaveesilp Lumchareon	
6	Agricultural Administrative Officer, Department of Land Development, Kanchanaburi	Mr. Tawatchai Krittratchatanan	01 7509838
7	Forest Officer Level 7, RFD Kanchanaburi	Mrs. Nantana Boonyanan	034 511566
8	Chief, RID Ratchaburi	Mr. Paiboon Thinmanee	032 325798
9	Analysist Officer Level 6, Agriculture and Cooperative Promotion Kanchanaburi	Mr. Sathien Khiensa	034 516894
10	K.A. Agriculture, K.A Ban Kha	Mr. Kasem Kamonphitan	01 8159434
11	Assistant chief, Amphoe Chom Bueng	Mr. Sukchai Chungsakul	032 261133
12	Assistant chief, Amphoe Dan Makham Tia	Mr. Pornchai Limtrakul	034 642290
13	ALRO Officer Level 7, ALRO Ratchaburi	Mr. Woraphan Suphirat	032 337755
14	Agricultural Officer Level 5, Dan Makham Tia Agri.	Mrs. Nonglak Kanluang	034 642165
15	Agricultural Officer Level 6, Dan Makham Tia Agri.	Mr. Pramart Kanluang	034 642165
16	Analysist Officer Level 6, Agriculture and Cooperative Promotion Ratchaburi	Mr. Anan Sirisantisamrit	032 323103

NO.	POSITION	Name	Tel.
17	Irrigation Engineer Level 6, RID Kanchanaburiburi	Mr. Samphan Duansirirat	01 8567862
18	Irrigation Engineer Level 7, RID Kanchanaburiburi	Mr. Songsak Saowang	01 8567862
19	Agricultural Officer Level 5, Land Development Department Ratchaburi	Mr. Chuchip Sawang-arom	09 8226837
20	Irrigation Engineer, RID Kanchanaburi	Mr. Amnat Chuwong	
21	JICA Expert, RID	Mr. Kuniyoshi Ishizaka	02 2431044
22	JICA Study Team	Mr. Michio GOTO	
23	JICA Study Team	Mr. Hideaki Hiruta	
24	Chief Representative, Sanyu Consultants, Inc.	Mr. Yuzuru Tomioka	02 2797075
25	Assistant, JICA Study Team	Miss Priyakorn Satarom	02 2797075
26	Assistant, JICA Study Team	Mr. Banluesak Wattanasathien	02 2785687
27	Assistant, JICA Study Team	Mr. Kiatisak Nitkoskul	02 2785687



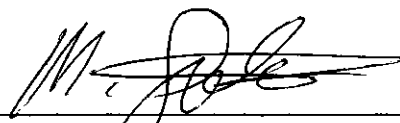
RECORDS OF DISCUSSION  
ON  
INTERIM REPORT (1)  
FOR  
STUDY ON  
APPLICATION OF PARTICIPATORY PLANNING  
IN RURAL AND AGRICULTURE DEVELOPMENT PROJECT  
IN THE LAM PA CHI RIVER BASIN  
IN  
THE KINGDOM OF THAILAND

Bangkok,  
June 3, 2003



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Mr. Chatchai Boonlue  
Chief of Project Information Management  
and Planning Group  
Office of Project Management  
Royal Irrigation Department  
Ministry of Agriculture and Cooperatives



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Mr. Michio GOTO  
Team Leader of the Study Team  
Japan International Cooperation Agency

The Study Team had a workshop to explain and discuss the procedure for preparing the Master Plan, the basic development approach at each sub-basin including in the Master Plan as well as the assessment on the feasibility of the project activities on the basis of the Interim Report (1) for the Study on Application of Participatory Planning in Rural and Agriculture Development Project in the Lam Pa Chi River Basin with the members of the Sub-Steering Committee as well as Technical Support Group on 19<sup>th</sup> May, 2003 at the Ratchaburi Provincial Government Office.

After the completion of the 4 sub-basins discussion, a meeting was held to review the result of discussions and to confirm the further study schedule with the members of the Counterpart Personnel of RID and Study Team on 3rd June, 2003 at RID's office. The participants for the workshop and RID's meeting are as shown in the attached sheet, respectively.

A few comments were given to the Study Team by the Sub-steering Committee and TSG members at workshop and counterpart personnel at RID's meeting. The Study Team accepted all the comments and advices to reflect the further reporting and expressed the sincere willingness to take due account of the precious comments. The main comments/opinion discussed by both sides in relation to the Interim Report for the Study are as follows: The list of participants in the workshop and the counterpart personnel are attached as ANNEX 1 and ANNEX 2, respectively.

#### **A. Record of Discussion on Workshop held in Ratchaburi Province**

##### **1. Agricultural Development Strategy for Ratchaburi and Kanchanaburi Provinces**

The representative of Kanchanaburi Province explained that there are many factories such as sugar factory, paper mill, and pineapple canning factory, etc. These processing plants play very important role to develop agricultural products in the Kanchanaburi Province. Recently, Kanchanaburi Province has wanted to have another processing plant such as alcohol from cassava while the strategy of Development Plan is “ **to increase the sugarcane product** ” and “ **to reduce the chemicals use for livestock and agriculture** ”.

The representative of Ratchaburi Province also explained that the strategy of Development Plan is “ **to reduce the chemicals use for livestock and agriculture** ”. The province aims to produce non-toxic vegetables that will be checked before shipping.

##### **2. Target Period of the Master Plan**

The Study Team proposed the target periods of the master plan involve short-term (Urgent): within 3 years, mid-term: within 8 years, and long-term: within 20 years but some participants are

of the opinion that short-term should be 1-2 years, mid-term 5 years and long-term 10 years.

The Study Team explained that the short-term covers a period of not more than 3 years and should take a procedure for selection of projects, planning, design and implementation. The mid-term covers 5 years, consisting of review of the implemented projects and same procedure in short-term. The long-term in 20 years should be in line with the 20 years focus of National Development Vision in the National Economic and Social Development Plan (2002-2006).

### **3. Pilot Project**

A participant asked question if a pilot project would be medium to large scale and period of implementation may take a long time. The Study Team replied the pilot project should be small scale and implementation will be completed within one year. The pilot project aims to verify the efficiency of cooperation between the communities and related Government agencies concerned through the project planning to implementation. Lessons learned during the implementation process and results will be reflected to the Master Plan. As for medium to large scale projects will be classified into mid-term to long-term in the Master Plan.

## **B. Record of Discussion on Meeting held at RID Office**

### **1. Interim Report**

The Study Team explained the progress of the Study including report submission to the participants of the meeting as follows:

- 1) The Study Team submitted the Progress Report (1) in February 2003 and explained the progress of the Study at Steering Committee and Sub Steering Committee.
- 2) Given the comments from member of the committees and RID counterparts as well as JICA, the Study Team added some amendment and reflected to Interim Report (1). Interim Report (1) also mentioned further schedule of the Study.
- 3) The Study Team submitted the Interim Report (1) in May 2003 and explained the abstract of the Report to the members of TSG and Sub Steering Committee.
- 4) The Study Team will incorporate the comments into the Progress Report (2-1), which will be submitted to Thai side in October 2003.

### **2. Result of discussions at 4 sub basins**

The Study Team explained the result of the Reality Assessment, in which reality of the activities

were assessed and prioritized throughout the discussion at each sub basin. The Study Team also explained a part of the draft implementation schedule of each approach as an example of procedure to establish the framework of the Master Plan. Also explained that full set of draft implementation schedule will be submitted to Thai side prior to the next field survey scheduled in August and requested that the TSG shall appraise the Schedule to be appropriate. Thai side suggested some comments and the Study Team answered as follows:

- 1) How many activities in each approach will be stated in the Master Plan?  
(Study Team): Number of the activities in each approach should not be restricted. It is expected that member of the TSG will clarify and prioritize appropriate activities.
- 2) Considering the Water approach, although priority is placed on the activities regarding with the cost and the other factors, in the Master Plan, the activities should not be restricted by the cost but should be planned at the Master Plan.  
(Study Team): Study Team will confirm the potential of water resources in each sub basin and conclude the priority of each activity, according to the potential and availability of the water resource.
- 3) Although the activities are prioritized within each approach, it is also necessary to know which activities is the most important within the whole activities so that the highest-priority activities can be implemented, taking into consideration the cost, construction period etc.
- 4) Regarding the Marketing System approach, government may not set guaranteed price of any products other than rice, sugarcane, and rubber, prices of which are already guaranteed. Instead, to achieve the objectives, it is more important to strengthen the farmers capabilities such as bargaining power than to set guarantee price.
- 5) The activities in each approach still seem to be needs from farmers. These activities should be revised and/or screened to be appropriate by agencies concerned.
- 6) It should be defined who is in charge of each activity so that responsible agencies can take any action.  
(Study Team): Since broad wide activities shall be included in the Master Plan, it is very important to involve many agencies in cooperation with RID, especially on the soft nature components.
- 7) Detail information/data related to each approach, which will be prepared by agencies concerned should be included in the Final Report.

### **3. Lessons learned**

The Study Team explained what kind of items should be improved in a manner of participatory planning.

### **4. Pilot Project**

The Study Team explained the basic idea on how to implement the Pilot Projects and proposed hard components and soft components. Also suggested criteria to select the components and sites of the Pilot Projects. Thai side suggested some comments as follows:

- 1) Criterion of "Irrigable area through the year round" is too strict. It should be "have enough water resources as supplemental."
- 2) Can land acquisition from the farmers be regarded as a part of cost sharing?  
(Study Team): Land acquisition should not be regarded as cost sharing but just pre condition.
- 3) Under the RID's regulation, farmers have to share the cost of only on-farm level and cost should be generally shared by donation of the land, or labor forces in case farmers can not donate their land.  
(Study Team): Cost sharing should be conducted according to the regulation of RID.
- 4) In the process to select the project site and to make plan, meeting with farmers, TSG and related agencies shall be held frequently. Is there any possibility that JICA support for such kind expenses?  
(Study Team): The request will be conveyed to JICA headquarters.
- 5) In the original plan, construction was scheduled to be started in October 2003. Is it possible to start in October 2003?  
(Study Team): RID has to conduct survey and detail design. It seems quite difficult for RID to finish such things before October 2003.  
(RID): RID has regulation to conduct survey and design. It will take 2~3 months to get approval. Construction should be started on an around in January 2004.

### **5. TSG**

The Study Team explained how important the TSG is to realize the Pilot Project(s) successfully and emphasized that one of the keen concern of JICA is focused on this matter. The Study Team requested Thai side to strengthen the function of the TSG. In this regard, the Study Team requested to nominate the leader of the TSG in each province and Thai side agreed. Provincial officer of RID was suggested to be the leader of the TSG.

### **6. Further Schedule**

The Study Team explained the further schedule in August 2003 and requested the actions by

Thai side as follows:

- 1) To nominate the leader of TSG
- 2) To propose candidate sites for Pilot Projects
- 3) To propose the components and cost of the Pilot Projects

Thai side agreed to conduct the above by the beginning of August 2003. Also participants set the schedule of next meeting as follows.

- 1) TSG meeting: August 7, 2003 at Ratchaburi, August 8, 2003 at Kanchanaburi, respectively
- 2) Workshop for Whole river basin: August 14, 2003 at Kanchanaburi

**ANNEX 1 List of Participants on Sub-Steering Committee**

May 19, 2003 from 09:30 am to 11:30 am at Luang Yok Kra Bat Conference Room, Ratchaburi Province

NO.	POSITION / AGENCY	NAME	TEL.
1	Agriculture and Cooperative Promotion, Kanchanaburi	Mr. Suwitchat Kayankannawi	034 516894
2	Chief of Irrigation Office, Ratchaburi	Mr. Paiboon Thinmanee	032 325798
3	Chief of Land Development Station, Ratchaburi	Mr. Somsak Sonthiworachai	01 5018480
4	Chief of Irrigation Office, Kanchanaburi	Mr. Niwat Eamsophon	034 513838
5	Officer of Agricultural Extension Office, Amphoe Chom Bueng	Mr. Wasan Nattanara	032 261139
6	Chief of Amphoe Dan Makham Tia	Mr. Thawee Narissiriwong	034 642291
7	Officer of Agricultural Extension Office, Amphoe Dan Makham Tia	Mr. Supot	034 642165
8	Assistant Chief of Amphoe Dan Makham Tia	Mr. Suraporn Chansuthonpot	034 642290
9	Officer of Agricultural Extension Office, Amphoe Suan Phueng	Mrs. Yupa Khongwattanakul	032 395019
10	Chief of Water Use Promotion Section, Irrigation Regional Office 13	Mr. Manot Ninniyom	034 612525
11	Civil Engineer level 7, RID	Mr. Chalun Ninlaphan	02 2412680
12	Forestry Administrator level 7, Forestry Office, Kanchanaburi Province	Mr. Bunmee Rungraksakul	034 511566
13	Irrigation Engineer level 7, Irrigation Office, Kanchanaburi	Mr. Songsak Saowang	034 513838
14	Agricultural Officer level 5 of Land Development Station, Kanchanaburi	Mr. Kunchorn Kiatsiri	034 512970
15	General Officer level 7, Office of Cooperative, Kanchanaburi	Mr. Sayan Ketphan	034 511587
16	Technician level 7, Office of Cooperative, Ratchaburi	Mr. Oupatham Chensiripaporn	032 327646
17	Technician level 3, Forestry Office, Ratchaburi Province	Mrs. Anchalee Nakornchai	032 337041
18	Assistant Chief of Amphoe Suan Phueng	Mr. Sayam Eamchaikwang	032 395156
19	Chief of Fishery Development, Fishery Office, Ratchaburi Province	Mr. Chaluay Pitakchalawat	09 5290689
20	Officer level 5, Fishery Office, Ratchaburi Province	Miss Laksana Bamrungsap	032 321656
21	Agricultural Officer level 5 of Land Development Station, Ratchaburi	Mr. Chuchee Sawangarom	032 343718
22	Officer level 7, ALRO Ratchaburi Office	Mr. Woraphan Supirat	032 337755
23	General Officer level 7, Agriculture and Cooperative Promotion, Kanchanaburi	Mr. Kittisak Phumrawi	09 6814030

24	Analyst Officer Level 6, Agriculture and Cooperative Promotion, Ratchaburi	Mr. Anan Sirisantiamrit	032 323103
25	Analyst Officer Level 6, Agriculture and Cooperative Promotion, Ratchaburi	Mrs. Rattana Taekiattiyot	032 323115
26	Newshound, Ratchaburi Cable TV	Miss Wichitra Netubon	032 315065
27	Technician level 7, Office of Livestock, Ratchaburi	Mr. Rangsit Chotsirikhunawat	032 337802
28	Agricultural Officer level 8, Ratchaburi Provincial Office	Mr. Thanatip Promptit	034 512970
29	Representative of Director of Engineering Section, Irrigation Regional Office 13	Mr. Pairat Thappraserit	032 325798
30	Analyst Officer Level 7, Agriculture and Cooperative Promotion, Ratchaburi	Mrs. Duangnuang Khanarat	032 323115
31	Technician Level 7, Agriculture and Cooperative Promotion, Kanchanaburi	Mr. Rat Phetcharit	
32	General Officer level 7, Office of Livestock, Kanchanaburi	Mr. Kasem Kaensap	01 3613457
33	River Kwae Group, Kanchanaburi	Mr. Pisit Yindeewee	01 9815273
34	Assistance Chief of Amphoe Chom Bueng	Mr. Surachai Chuengsakul	032 261133



**ANNEX 2 List of Participants on Meeting at RID Office for Interim Report (1) and  
Discussion Results at 4 sub-basins**

**June 3rd, 2003 9:30 AM**

**List of Participants**

<b>No.</b>	<b>Name</b>	<b>Position</b>	<b>Institution</b>
1	Mr. Shartri Keoplung	Director	Office of Project Management, RID
2	Mr. Chatchai Boonlue	Chief of Project Coordination	Office of Project Management, RID
3	Mr. Songsak Soawung	Chief of Office Engineer	Kanchanaburi Irrigation Office, RID
4	Mr. Samphan Duansirirat	Irrigation Engineer	Kanchanaburi Irrigation Office, RID
5	Mr. Phirat Thupprasert	Chief of Office Engineer	Ratchaburi Irrigation Office, RID
6	Mr. Thavesilp Loomcharoen	Economist	Office of Project Management, RID
7	Ms. Wachiraporn Kumnerdpet	Environmentalist	Office of Project Management, RID
8	Mr. Kosit Lorsirirat	Hydrologist	Office of Hydrology and Water Management, RID
9	Mr. Supat Wattayu	Director of Engineer	Regional 13 office, RID
10	Mr. Santi Thinnakorn	Economist	Office of Project Management, RID
11	Mr. Chalum Nilapant	Chief of Project Standard Planning	Office of Project Management, RID
12	Mr. Surat Sa-nguansub	Chief of Irrigated and Accelerated Agriculture Area Development Group	Division of Specific Areas Agricultural Development, DOAE
13	Mr. Arnat Hoonla	Officer of Irrigated and Accelerated Agriculture Area Development Group	Division of Specific Areas Agricultural Development, DOAE
14	Mr. Michio Goto	JICA Study Team	
15	Mr. Hiroshi Okabe	JICA Study Team	
16	Mr. Hideaki Hiruta	JICA Study Team	
17	Mr. Banluesak Wattanasathien	Assistant, JICA Study Team	
18	Ms. Priyakorn Satarom	Assistant, JICA Study Team	

## Agenda for Meeting at RID office

June 3<sup>rd</sup>, 2003 9:30 AM

### 1. Reporting of the Discussion results at 4 sub-basins

Reality assessment of the activities at each sub-basin, see attached sheets

### 2. Lessens learned by discussions at 4 sub-basin

#### 2.1 Participants to the discussions

Basin	Participants	TSG	Farmers	Participants	
				1 <sup>st</sup> day	2 <sup>nd</sup> day
Upstream	36	10	26	28	17
Mid-Up.*	43	12	31	25	25
Mid-Down	27	11	16	20	22
Down**	31	7	16	23	17
Total	137	40	89	97	83

ote: \*All participants went back after lunch on 1<sup>st</sup> day's discussion at Mid. Upstream basin

\*\*Because of the conference in Petchaburi, some members of TSG could not participate in the workshop

#### ● Lessens learned

- Accommodation,
- Number of Participants,
- Period of discussion,
- Transportation,
- Main actor for discussions

① 1<sup>st</sup> secession, Representatives of Farmers

② 2<sup>nd</sup> secession, TSG Members

- Items of prioritization for activities
- Needs and realities

### 3. Discussion in Pilot Projects

- See attached sheets

### 4. Further Schedule

- TSG workshop, Place & Date
- Whole Lam Pa Chi river basin, Place & Date
- Candidate Pilot Project site proposed by RID Provinces & C/P.  
Place, Project components, cost estimate, etc
- To nominate the TSG Leaders

## 5. Others

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### 3.1 Pilot Projects

Pilot Project consists of hard and soft components. Members of TSG in RID have to list up the candidates Pilot Project sites in cooperation with the C/P personnel. After listed up the pilot project sites, members of TSG in DOAE and other related agencies have to propose the necessary soft components to each pilot project. Detail of the pilot projects will be discussed in the beginning of August between the Study Team and TSG members. In this connection, to execute these processes certainly, leader of TSG in each province should be elected by Thai side.

#### (1) Hard Components

Components in the pilot project should be new or rehabilitation of the small scale agriculture/irrigation projects taking into account the limitation of the budget as well as the effects to be soon appeared and easy to show the improvement of the incomes. Expected components are;

- Rehabilitation/construction of small scale weirs
- Small scale pumping station
- Farm ponds, about 2rai, depth in 3m
- Shallow wells
- Conveyance canals, such as open canal/pipeline
- Reclamation of farmland
- Others

#### (2) Soft Components

Main objective is to increase incomes, with the participatory development methods. Core problem is high expenditure compare to income, which is

caused by main problems namely, 1) High cost for agricultural inputs, 2) Low productivities, 3) Low market prices, 4) Damages on the products. Soft components to be applied for the pilot projects are as follows:

- To organize farmers groups
  - Farmers water users group
  - Cooperative group
  - Production group
- Extension services
  - Marketing
  - Disease /Pests control
  - Soil improvement
  - Rotation farming
  - Trainings for farmers
- Others
  - 
  -

### (3) Selection Criteria for pilot project

Based on the candidate pilot projects proposed by TSG, Provincial and Regional 13 office of RID, pilot project shall be selected using following selection criteria. At present, construction cost including soft components and O&M cost for a Pilot Project may be not more than 3 million Bt.

- Irrigable area through the year round
- Peoples are willing to participate in project activities including workshops
- People are willing to pay project implementation and O & M costs.
- In order to enhance/establish farmer's organizations, persons with strong leadership should be able to participate.
- No problem on land acquisition
- Good accessibility as study tour by rural people and agency's personnel
- Good condition to demonstrate project's effects to other areas.
- TSG members are committed to project implementation and willing to participate in project activities including workshops.
- Extension services have been already provided to the area.

## Study Schedule to the Pilot Project (draft)

1. May 2003

- 1. Discussion at 4 sub basins**
  - Discussion with TSG members and farmers representatives on the realities (the possibilities) to meet the priority needs of the farmers and officers identified through the previous works
- 2. Preparation of the implementation schedule of the master plan for 4 sub basins**
  - Preparation and discussion with RID on the implementation schedule (draft) of the master plan based on the needs, realities, policies and existing development plans
- 3. Discussion on the pilot project sites**
  - Discussion with RID on the selection criteria of the components and sites for the pilot project
  - Start listing up the candidate sites



2. August 2003

- 1. Discussion at the whole basin**
  - Explanation from the study team and discussion with the agencies concerned on the main features of the master plan
- 2. Preparation of the draft master plan (by September 2003)**
- 3. Preparation of the pilot project plan**
  - Reconnaissance survey at the candidate sites, and discussion with the agencies concerned on the pilot project plan (components and sites)
- 4. Establishment of the implementation structure of the pilot project**
  - Clarification of the roles of the agencies concerned, and appointment of the leaders in TSG



3. October 2003

- 1. Discussion on the draft master plan**
  - Explanation from the study team and discussion with the agencies on the draft master plan
- 2. Finalization of the pilot project plan**
  - Proposal from the study team on the pilot project plan, and discussion with the agencies to conclude the plan
- 3. Planning workshop at the pilot project sites (2 villages)**
  - Conduct of a planning workshop with villagers and TSG to discuss on the activities, schedules, goals, roles of farmers and agencies, and cost sharing, and prepare the plan of operations (PO)
- 4. Survey and detail design of the facilities**
- 5. Preparation of the project plans of implementation, operation and maintenance**
  - Discussion with the farmers and the agencies to prepare implementation and O&M plans
- 6. Establishment and strengthening an organization for the project operation and O&M**



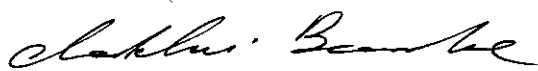
4. Jan. to Feb. 2004

- Commencement of the project activities (2 villages)**
- Construction works
  - Collection of the preliminary data in the villages to use for future M&E through PRA method
  - Strengthening farmers' groups, extension works, etc.

Items	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
Expanation/Discussion of It/R		■												
2nd secession of discussion at sub-basins		■												
Formulation of Outline of M/P														
Draft M/P & Works														
Whole River Basin Discussion														
List up of candidate Pilot Project Sites by Thai side														
To categorize the candidate projects site														
To prioritize the candidate pilot projects														
To formulate implementation organization														
Selection of the Pilot Projects (2site)														
Process of the Pilot Projects														
a) Decision of the Pilot Projects (2site)														
b) PCM Workshop at Pilot Project Sites														
c) Preparation of the Farmer's Organization														
b) Detail Design of the project components														
d9 Plan of Implementation and O & M														
Implementation														
a) PRA														
d) Monitoring														

RECORDS OF DISCUSSION  
ON  
FIELD SURVEY (2)  
FOR  
STUDY ON  
APPLICATION OF PARTICIPATORY PLANNING  
IN RURAL AND AGRICULTURE DEVELOPMENT PROJECT  
IN THE LAM PA CHI RIVER BASIN  
IN  
THE KINGDOM OF THAILAND

Bangkok,  
August 26, 2003



Mr. Chatchai Boonlue  
Chief of Project Information Management  
and Planning Group  
Office of Project Management  
Royal Irrigation Department  
Ministry of Agriculture and Cooperatives



Mr. Michio GOTO  
Team Leader of the Study Team  
Japan International Cooperation Agency

Technical Support Group (TSG) Workshops in Ratchaburi and Kanchanaburi were held on 7<sup>th</sup> August 2003 at Rachaburi RID provincial office and on 8<sup>th</sup> August 2003 at RID Regional 13 office, respectively. After that the “Whole Lam Pa Chi river basin Workshop” was held on 14<sup>th</sup> August 2003 at Kanchanaburi City Hole in the presence of the representative from JICA Headquarters, Sub-steering committee as well as TSGs members.

The Study Team made a presentation to review the participatory planning process undertaken to date and explained the Plan of Approach (PO) in each sub basin, which has been established through the participatory approach. The participants advance comments on proposed 8 main activities of the PO.

After the representative of C/P from RID central explained the objectives and schedule of the Pilot Projects (PP), the representatives of RID provinces concerned made explanation on the selection criteria of PP and suggested some possible sites and current situation at each site. At the end of the discussion, the Study Team explained further schedule and basic requirement for related agencies to conduct the PP. Given the explanation from the Study Team, participants stated some questions and comments. These comments/advice have been reflected to the PO. Details of discussion result are as shown in the attached Minute of Meetings, respectively (see Annex 1,2,and 3).

After the completion of the whole basin discussion, another meeting was held to confirm the result of discussions in whole river basin, to discuss and confirm the PP concerned and to confirm the further study schedule with the members of the Counterpart Personnel of RID and Study Team on 25<sup>th</sup> August, 2003 at RID’s office. The participants in this RID’s meeting are as shown in the attached sheet (see Annex 4).

Regarding the PP concerned, a few comments were given to the Study Team by the counterpart personnel at RID’s meeting. The Study Team accepted all the comments and advices so as to reflect in the further study. The main comments/opinion discussed by both sides in relation to the PP are as follows:

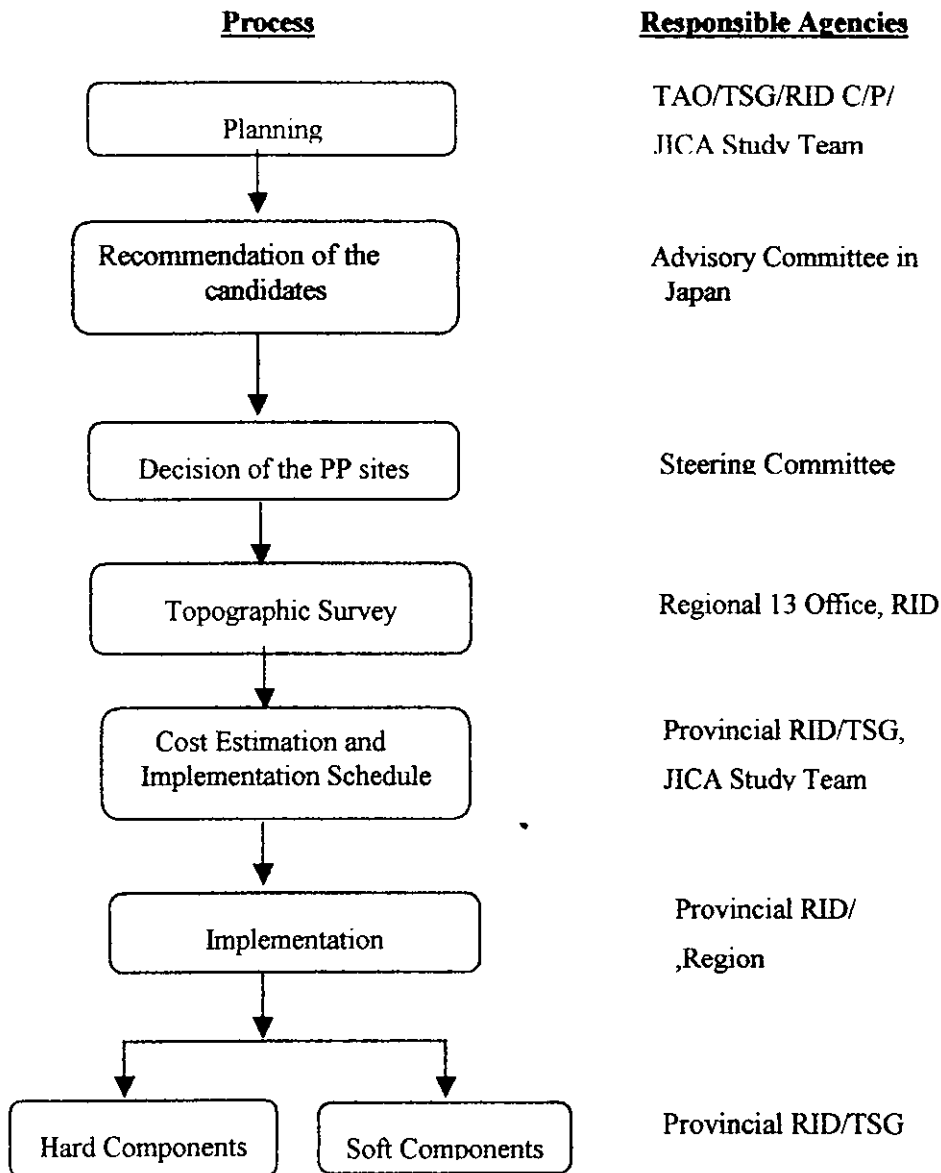
#### **1. Process and responsible agencies for PP**

Responsibilities for related agencies at each process of PP implementation were confirmed . The pilot project candidate sites were proposed by RID provincial offices in Ratchaburi and Kanchanaburi, respectively complying with related TAOs’ request. Priority project sites has been decided by TSG members using their selection criteria. The steering committee will determine the pilot project sites finally after the Japanese side recommends the candidates. After the decision of



the pilot project sites, topographic survey and detail designs will be carried out by Regional 13's engineering division, then provincial RID offices will estimate the project cost and enter into the implementation stage.

**Figure 1 Diagram for Process and Responsibilities of Agencies**



## 2. Schedule of the Pilot Project Implementation

After the decision of the pilot project sites by the steering committee, topographic survey, detail design and cost estimate will be undertaken by RID Region 13 office. These works will take about 1 month period, respectively. After that implementation will be started and taking during 3months to 5months period. Detail is shown as below.

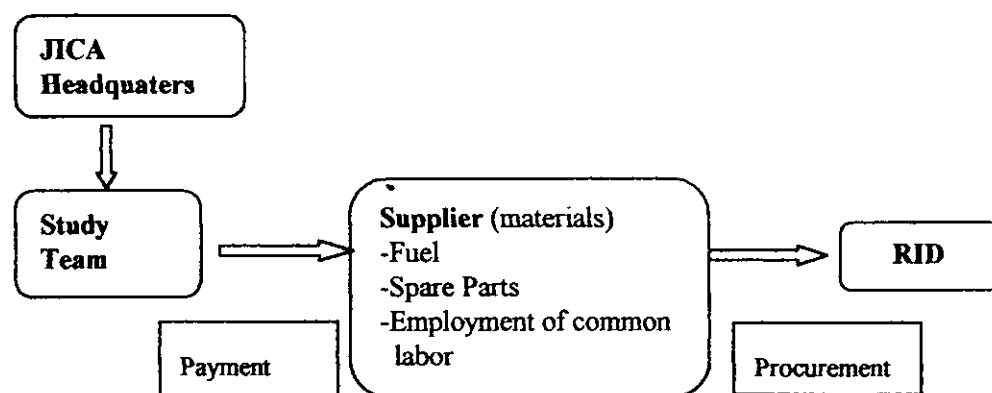
**Table 1 Implementation Schedule of pilot project at each province.**

	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
Decision of the PP Site	▼							
Topo-Survey	■							
Detail Design		■						
Cost Estimate & Implementation Schedule		■						
Procurement				● ● ●	■			
Implementation				■	■	■	● ● ●	

### 3. Construction Method

There are two (2) methods to implement pilot projects. One method is to apply direct force account basis by RID Region 13 office and, the other for contract basis by private contractor. Taking into account possible saving in construction cost, reducing construction work as well as RID 's capability in construction of similar water resources and irrigations facilities, the direct account base by RID is recommended.

#### Cash Flow



### 4. Draft Master Plan Contents

Contents of draft Master Plan was submitted to RID for RID's information. (see Annex 5)

### 5. Further Schedule

The Study Team explained the further schedule for formulation of the master plan as well as participatory planning process for PP. Detail is shown in Annex 6)

**Minute of meeting on 7 August 2003**

Place Ratchaburi RID Provincial Office

Time August 7 9:30 A.M.

Head of Provincial Agriculture and Cooperative Office acting as chairman

Presentation by Sanyu (Thai)

A) Discussion for Plan of Operation in Upstream

1. Credit

*Correction* : No regulation that farmer have to pay 1,500 Bt/rai for land tittle issued

*Information* : Land tittle issued

1) DOL plan for issue the land tittle of 20,000 rai in Ratchaburi

2) Step for So-Po-Ko tittle issue

firsty, land tittle will be issued under So-Po-Ko

then, farmer will lease that land until the leasing contract with So-Po-Ko is over  
(depend = 10, 15 years)

next, farmers gets the land tittle

\* in Saraburi Province, there is a pilot project for So-Po-Ko 4-01 land leasing. The appraisal land cost is 1,500 Bt/rai \*

*Information* : Loan with low interest rate

1) Another source for low interest rate loan is Rehabilitate & Agriculture Development Fund with 5%/year

*Information* : Rotation Fund

1) G. has policy to increase village fund from 1,000,000 Bt to 1,100,000 Bt in village that have good management by considering the benefit and revolving fund

**Plan of Operation**

*Correction* : increase period item 1-3 from 2<sup>nd</sup> year to 20<sup>th</sup> year

Increase period item 2-4 until 20<sup>th</sup> year

2. Marketing System

*Additional* : add. Provincial commerce office for contracting system supporting to farmers.

*Information* : Farmer registration can't solve the oversupply problem, but it should be crop-zoning policy by Office of Agricultural Economic, OAE. (zone setting) and Office of National Statistic (data collection + data analysis)

*Information* : Collecting information

1) Permanent secretary office should serve as a center, responsible for data collecting, information gathering then pass info to Public Relations Department for announcing

**Plan of Operation**

*Correction* : 1) increase period item 1-3 from 2<sup>nd</sup> year to 20<sup>th</sup> year

2) item 3-1 move to item 3-2

• item 3-2 3-3

item 3-3 3-4 (farmer should have to set their cultivation plan yearly)

item 3-4 3-1

3) for item 4, G. should prepared market place and buyer first then crop can be sold at guaranteed prices

3. Disease and Pest

*Information* : Farmers can't follow the suggestion from G. officer because of limitations such as, climate, soil type, traditional cropping pattern.

Plan of Operation

*Correction* : change wording from "strategy plan" to "plan"

4. Soil

*Correction* : Grow leguminous crop

- 1) Estimated cost 800 Bt/rai including plowing 3 times, seeding and labor cost

Plan of Operation

*Correction* : change wording from "strategy plan" to "plan"

5. Production Input

*Information* : Promotion on animal research

- 1) Estimated cost for technology transfer (training course) 125 Bt/person/day

Plan of Operation

*Correction* : change wording in item 2) "Animal research is promoted" to "Production & propagation promotion of livestock"

2-1	Technology transfer	:	2 yrs. from the beginning
2-2	Field trip	:	2 yrs. from the beginning
2-3	Demonstration Farm	:	2 yrs. from the beginning

6. Production System

1) Actually, there is a research taken by Land Development Department on crop-zoning regard to soil qualification. But, however, farmers still keep the traditional pattern.

2) Additional "meet market demand" in item "Cropping in suitable land..."

3) Estimated cost for training in item "Product are produces in good quality" is 125 Bt/person/day

4) No cost for item "Seedling & seeds..."

5) What's the purpose of a new co-op setting, if at present there are many co-ops in community?

- Agri. co-op is under Agriculture Extension Department, while agriculturist groups may be supervised by various organization i.e. fishery department etc.
- Groups can be divided into

- Legal body

In reality, always fail depends on management team

- Natural group: seem to be more success than the legal one i.e. pineapple group in Ban Kha District

Plan of Operation

1) item 2-2 : Which market we have to conduct survey?

- It depends upon crop type

i.e.	rice / paddy	<input type="checkbox"/>	domestic / national market
	Sugarcane	<input type="checkbox"/>	regional market/ world market

7. Water

*Correction :* 1) delete 15,000 Bt/rai and Remark in item “Transmission pipeline...”

- 2) estimated cost is depend on design
- 3) deleted responsibility of RID in activities : Dredging sediment ,  
construction of small reservoir and weir
- 4) add responsibility of WRD in activity construction of small reservoir

Plan of Operation

- 1) Proposed plans for construction of reservoir require environmental study
- 2) RID isn't responsible for construction of weir, all jobs are transferred to WRD.
- 3) Cost sharing by farmer / what farmers can do?
  - dedicated land
  - construction for sub-irrigation system
  - operation & maintenance cost

**Discussion on Pilot Project**

- Presentation by RID provincial office
- RID will submit the information of proposed Pilot Project to TSG, then TSG will mark scores by each.

- Name list for participants are shown on attached sheets.

**TSG Workshop on The Study of Lam Pa Chi Project**  
**RID Ratchaburi Provincial Office**  
**Thursday 7 August 2003 9:30 A.M.**

No.	Name	Agency	Position	Telephone
1	Mrs. Duangnuan Kanarat	Provincial Office of the Agricultural and Cooperative Ratchaburi	Analysist Officer Level 7	032 323103
2	Mr. Suthi Chai-so	Provincial Office of the Agricultural and Cooperative Ratchaburi	Agricultural and Cooperative Officer	032 323115
3	Mr. Woraphan Suphirat	ALRO Ratchaburi Prvince	ALRO Officer Level 7	032 337755
4	Mr. Surachai Jungsakul	Amphoe Chom Bueng	Permanent Secretary	032 261133
5	Mr. Tawatchai Sangkrasae	Amphoe Paktho	Permanent Secretary	032 281261
6	Mr. Kasem Kamonphitan	K.A Ban Kha Agricultural Office	Agricultural Officer	01 8159434
7	Mr. Chuchip Sawang-arom	Land Development Station Ratchaburi	Officer level 5	
8	Mrs. Rattana Kaeokiattiyot	Office of Agriculture & Cooperative Ratchaburi	Analysist Officer Level 6	032 323115
10	Mrs. Panatda Pengpan	Office of Ratchaburi Provincial	Analysist Officer Level 7	032 327659
11	Mr. Bol Manunya	Provincial Office of the Agricultural Ratchaburi	Agricultural Extension Officer level 7	032 337889
12	Ms. Lukkana Bumrungsup	Provincial Office of the Fishery	Officer level 5	032 337656
13	Mr. Narit Atthunyakorn	Provincial Office of the Forestry	Officer level 6	032 337041
14	Mr. Rangsit Chotsirikhunwat	Provincial Office of the Livestock Ratchaburi	Husbandry Technician level 7	032 337802
15	Mr. Santi Thinnakhorn	RID	Economist level 7	02 2415058
16	Mr. Chalun Nilphan	RID	Chief of Project Standard Planning	02 2412680
17	Mr. Tawesin Lumcharoen	RID	Economist level 7	02 2436915
18	Mr. Chatchai Bunlue	RID	Chief of Information Administration and Project Planning	02 6695040
19	Ms. Umphai Sorot	RID	Environmentalist	02 2414421
20	Ms. Wimolphat Bumbudsupparok	RID	Economist	02 2436915
21	Ms. Wachiraporn Kamnerdpet	RID	Environmentalist	02 2414421
22	Mr. Wasan Sutthamanutwong	RID	Environmentalist	02 2414421
23	Mr. Phairat Thupprasert	RID Ratchaburi	Chief of Engineering Section	032 325798
24	Mr. Phaiboon Thinmanee	RID Ratchaburi	Chief of RID Ratchaburi	032 325798
25	Mrs. Priyanuch Noipin	RID Ratchaburi	ICO RID Ratchaburi	01 7053101
26	Mr. Manote Ninniyom	RID Region 13	Chief of Land Use Promotion	01 9363455
27	Mrs. Tharin Nopwichit	TAO Banbueng	TAO's staff	032 228870
28	Mr. Somsak Naksrithong	TAO Kaemon	Vice-chairman	032 265038
29	Mr. Sri Kasorn	TAO Nonphanchan	Vice-chairman	09 9159916
30	Mr. Sane Danphet	TAO Yanghak	Chairman	01 2152232
31	Mr. Shinji KAWABE	JICA HQ		03 5352-5238
32	Mr. Michio GOTO	JICA STUDY TEAM	Expert	
33	Mr. Yuzuru TOMIOKA	Sanyu Consultants Inc., Bangkok Office	Manager	02 2785687
34	Mr. Banluesak Wattanasathien	JICA STUDY TEAM	Study team	02 2785687
35	Ms. Priyakorn Satarom	JICA STUDY TEAM	Study team	02 2797075
36	Ms. Yaowapa Chuwong	TEAM Consultant	Expert	02 5099000

### Minute of meeting on 8 August 2003

Place Office of Regional Irrigation 13

Time August 8 9:00 A.M.

Head of Provincial Agriculture and Cooperative Office acting as chairman

**Agenda 1:** Introduce Japan Side

**Agenda 2:**

2.1 Report Approval / Approve former minute of meeting (9 Sep. 2003)

there's some amend in report i.e. name of participants

2.2 Mr. Songsak, representative for Kanchanaburi RID Office is reporting the study of pilot project candidate sites and "pumping station project of Tha Payom in Dan Ma Kham Tia" is given a first priority as follow:

<u>5 selection project</u>	<u>Marks</u>
Tha Payom	48.87
Huai Si Siad	39.14
Huai Lum Klung 9	41.00
Huai Lum Klung 4	39.33
Huai Lum Klung 7	34.00

Regarding to

- accessibility (transportation concern)
- unity of farmer

Proposed Project is "Tha Payom Weir" (first priority)  
Moo 4, Dan Ma Kham Tie

Problem :

- shallowness caused by sedimentation
- Water can't be delivered to people in remote area

Solving by

- sediment removal
- Installation of pumping station with irrigation system

Irrigation area  $\approx$  1,500 rai / 80 HH.

Question: "Pumping station capacity" will it work all 24 hours?

Answer: Working hour is planned as 12 hours, so no problem  
No overheat problem

**Mr. Songsak:**

- If we set a pilot project, we should form a water-user's group also

- We should explain to farmers and ask to what extend they can give a hand for construction or maintenance cost.
- What farmers need are
  - Training program “how to use water efficiency”  
(use less water, get more / higher product)
  - Technology transfer i.e.
 

<ul style="list-style-type: none"> <li>- land development</li> <li>- fertilizer making</li> </ul>	}	by <ul style="list-style-type: none"> <li>- site visit / field trip</li> <li>- training</li> </ul>
---	---	--

P.S. In fact, there are many group (Natural group) in this area such as asparagus grower group, baby corn grower group etc.)

**TSG:**

- In order to train farmers, we should arrange a meeting with them, and then we can discuss any problem together (= integration)
- After discussing with farmer, we will know their needs then we can set a program / training program matching with farmer’s demands.

**Chairman:** TSG have already ranked the proposed projects, but TSG will want for the final result from JICA Study Team. After JICA select a project, TSG will give a support definitely.

**TSG:** Now, there is a pilot village in T. Nhung Sa Rhai, Villagers are looking on what they can generate by using village fund (1,000,000 Bt or 1,100,000 Bt) in order to initiate a project in there area with the assistance from MU.

**Mr. Songsak:** Ask TSG on estimation budget for each project i.e. training cost, demonstration, etc. (before 13 Aug.2003)

## Discussion for Plan of Operation in Downstream

### 1. Credit

Act	Org.	Role
(1)	Treasure Dept.	Take care of public / state land
	Military	Ask permission for land utilizing
(2)	Co-op. Promotion Dept.	Give consult on co-op. establishment

- (1) → All state land is under treasury department, if any G. organization wants to use / do activities on such land they have to ask permission from Treasury Dept.
- Discuss on the possibility for So-Po-Ko issuing within 3 yr.
- (2) → Community bank
- + BAAC, Krung Thai Bank □ loan sources

### Plan of Operation

Item 1-3 TSG: At present, there are many kind of fund sources in each village, such as funeral group, Suj-Ja saving group. Therefore, we should empower them to play as a fund source in a village. We need not to establish a new source of fund.



## Item 2 Land title issue:

Actually, G. has tried to solve land title problems for long time. But in general, people/farmers demands for the best solution which is not So-Po-Ko title. They exactly need "land title deed"

→ Farmers try to avoid receiving So-Po-Ko title.

## 2. Marketing System

Act.	Org.	Role
(1)	+ BAAC, Krung Thai Bank + SMEs Bank	Loan sources (asking loan through submitting Form via Community Enterprise Bank)
(2)	+ Provincial Statistic Office	Data collection
(3)	+ Related Private Org.	Price guarantee
(4) + provide marketing distribution channel	+ Export Promotion Dept.	Contract training for Export Goods.

### (1) Price Guarantee

TSG: From experience, TSG found that private organization have higher involved with price guarantee i.e. sugarcane association, CP Co., Ltd. for rice in irrigation area.

## 3. Pest and Disease

Act.	Org.	Role
(1)	+ DOAE	Problems informed + Give advise + Solve problems
(2)	+ Land Development Department	Research

### Plan of Operation

- |     |          |  |   |        |     |
|-----|----------|--|---|--------|-----|
| (1) | add. 1-1 | Promotion of cultivation High-Quality Crop | : | 1-3    | yr. |
|     | 1-2      | Quality Check                              | : | 0.5-20 | yr. |
|     | 1-3      | Farmers plant qualified crops              | : | 1-20   | yr. |

## 4. Soil

### Activities Plan

- |     |          |   |
|-----|----------|---|
| (1) | Add. 1-1 | inform farmers about the important of crop rotation especially bean |
|     | 1-2      | monitoring  |
| (2) | Add. 2-1 | + soil analysis   |

## 5. Production Input

Sugar residual price should > 3Bt/kg ; ~ 4-5Bt/kg

### Plan of Operation

- |     |                                      |   |   |
|-----|--------------------------------------|---|---|
| 1-1 | Research                             | : | 1-20 yr.  |
| 1-2 | Train / Demonstration / Lecture      | : | 1 yr.   |
| 1-3 | Monitor, Periodically Activated Plan | : | 1 <sup>st</sup> , 4 <sup>th</sup> , 7 <sup>th</sup> , 10 <sup>th</sup> → .... |

## 6. Production System

Act.	Org.	Role
(1) + Soil potential	+ RID	Consult on production plan
(2)	+ co-op. Extension Dept.	Induce to build a seed / seedling storage room / place

(4)	+ Private org.	Training on product standardization
	+ Office of Agricultural Product Standards and Inspection	Inspection
(5)	+ Food and Medicine Office	Quality control

#### Plan of Operation

- (1) Add. 1-1 meeting + setting strategy plan : 1-3 yr.  
(2) Add. 2-1 set a product standard : 1-3 yr.

#### **7. Water**

##### **Small Scale Project**

Construction → transferred to TAO  
O&M → transferred to TAO

#### **8. Flood**

Act.	Org.	Role
(1)	+ Municipality + PAO	Project Proposed Construction
(2)	+ Natural Park Dept.	Provide grass seedling

- Name list for participants are shown on attached sheets.

**TSG Workshop on The Study of Lam Pa Chi Project**  
**RID Region 13 Office Amphoe Thamuang Kanchanaburi**  
**Friday 8 August 2003 9:30 A.M.**

No.	Name	Agency	Position	Telephone
1	Mr. Kitisak Phumirawi	Agriculture and Cooperative Extension Kanchanaburi Province	General Administrator 7	09 6814030
2	Mr. Jatuporn Phuwitchayapol	Office of Agriculture & Cooperative Kanchanaburi	General Administrator 3	06 606523
3	Mr. Wasan Malaphong	ALRO Kanchanaburi	ALRO Officer Level 6	034 511400
4	Mr. Tawatchai Krittratchatanan	Land Development Department Kanchanaburi	Agricultural Administrative Officer	01 7509838
5	Mr. Kasem Kaensub	Provincial Office of the Livestock Kanchanaburi	Officer level 7	034 512926
6	Mr. Tawat Puemnan	RFD Kanchanaburi	Officer level 5	034 511566
7	Mr. Tawesin Lumcharoen	RID	Economist level 7	02 2436915
8	Ms. Wimolphat Bumbudsupparol	RID	Economist	02 2436915
9	Ms. Umphai Sorot	RID	Environmentalist	02 2414421
10	Mr. Wasan Sutthamanutwong	RID	Environmentalist	02 2414421
11	Ms. Wachiraporn Kamnerdpet	RID	Environmentalist	02 2414421
12	Mr. Chalun Nilphan	RID	Chief of Project Standard Planning	02 2412680
13	Mr. Songsak Saowang	RID Kanchanaburi	Irrigation Engineer Level 7	01 8567862
14	Mr. Sampun Duansirirat	RID Ratchaburi	Irrigation Technician Level 6	034 515296
15	Mr. Prachuab Namjaitrong	RID Ratchaburi		034 515296
16	Mr. Phisit Yindiwi	River Khwae Group	Coordinator (NGO)	01 9815273
17	Mr. Shinji KAWABE	JICA HQ.		03 5352-5238
18	Mr. Hideki HAGIWARA	Embassy of Japan	First Secretary	02 2526151
19	Mr. Michio GOTO	JICA STUDY TEAM	JICA STUDY TEAM	
20	Mr. Banluesak Wattanasathien	JICA STUDY TEAM	Study team	02 2785687
21	Ms. Priyakorn Satarom	JICA STUDY TEAM	Study team	02 2797075
22	Mr. Yuzuru TOMIOKA	Sanyu Consultants Inc.	Manager, Bangkok Office	02 2785687
23	Ms. Yaowapa Chuwong	TEAM Consultant	Expert	02 5099000

**Record of Discussion**  
**Discussion Stage at Whole River Basin**

**Date and Place:** August 14<sup>th</sup> 2003 at Kanchanaburi City Hall,

**Participants:** 1) RID central, 2) RID Region-10, 3) RID Provinces, 4) Sub-Steering Committee in each Province, 5) Representatives of each TAO, 6) TSG members in each Province.  
7) A representative of JICA headquarters, 8) JICA Study Team

**Subjects:**

1. Reporting of the Plan of Operation (PO)
2. Explanation of main idea on Pilot Project(s)
3. Others

**1. Reporting of the Plan of Operation (PO)**

JICA Study Team made a presentation to review the participatory planning process to date and explained the Plan of Operation (PO) in each Sub Basin, which has been established through the participatory approach. Participants, therefore, stated some comments on eight approaches of the PO. Following is the major comments on each approach.

**1) Credit:**

- Sequence of the activities suggested in the PO should be rearranged. Although it is suggested to establish a rotation fund from the beginning, prior to establishment of the fund, it should be done to establish organization.
- Training for farmers should be done for more than one or two years
- It is not enough to prepare a Rotation Fund for farmers because some farmers are expected to use the fund for other purpose. Therefore, it is required to consider how farmers can get the necessary materials such as farming input. One idea is to provide materials itself instead of the fund. "Buffalo Bank" could be a good reference.

**2) Marketing System**

- Who is in position to provide or to be provided the training? Since giving the trainings directly to farmers shall not be cost-effective and sustainable, training for trainers at management level should be conducted. There is high priority for training on management of organization. Lecture and observation of the best practices may work well.

**3) Pest and Disease**

- One year is not enough to conduct survey to assess the situation in each village. It should be done continuously.
- Integrated Pest Management should be introduced in this component.

**4) Soil**

- No significant comments

5) Farm Input

- Although there are only a few sub-activities, there might be more activities, which contribute to improve the current situation of farm input.

6) Production System

- The sub-activities are incoherent with the title. Other expression may better replace the title "Production System."

7) Water

- Farmers are not always interested in piping system only. Therefore, "pipe distribution system" should be replaced with "distribution system."
- Some activities are scheduled only for one year. Mid and long term plans should be also planned.
- In Kanchanaburi, only one project site is mentioned in the PO. There should be more sites to be suggested as candidates.

8) Flood

- Feasibility study should be done for more than three years.
- Soil erosion is serious in two Tambons.

**2. Explanation of Main Idea on Pilot Project(s)**

Representative of RID central explained the objectives and main schedule of the Pilot Project(s), then, representatives of RID provinces made a presentation on draft plan of Pilot Project and suggested some possible sites. Furthermore, RID province explained criteria to select the site and current situation of each site.

At the end of the discussion, the Study Team explained further schedule and basic requirement for related agencies to conduct the Pilot Project(s). Given the explanation from the Study Team, participants, therefore, stated some questions and comments as follows:

1) Timeframe for selection of Pilot Project:

Q: Some more processes are still scheduled until selection of the components and site for Pilot Projects. Thai side wonders if there wouldn't be enough time to conduct survey and design for implementation the Pilot Project(s).

A: Implementation of the Pilot Project(s) will be started from February 2004, although original plan was from October 2003. Therefore, there should be enough time for preparation of the implementation.

2) Budget for construction and soft components of the Pilot Projects

Q: How much budget shall be allocated from Japan side? Does the budget from Japan side include some portion for soft component?

A: Nothing has been ensured yet. Given the result from this meeting, JICA headquarters will

declare committable budget roughly. For detail, following process is required: 1) Thai side will estimates break down of each component, 2) Advisory Committee in Japan will consider the plan and give suggestions from technical point of view, if any, 3) According to the advise from the Advisory Committee, Study Team will finalize the plan, then 4) Steering Committee will approve the plan.

3) Scale of the Pilot Projects

Q: Smaller projects may be better to be implemented as experimentation because it might be easier for the Implementation Unit to conduct due to lack of budget.

A: Japan side also suggests choosing smaller projects so that Thai side can re-perform the same approach by its own budget.

4) Component of the Pilot Project

Q: Since several components are suggested in the Master Plan, not only “water/irrigation” components but also soft components should be set in the Pilot Project as many as possible.

A: It should be considered surely.

**3. Others:**

Regarding the whole Study, some more comments are stated as follows:

1) Public Relations of the Master Plan

Q: After completion of the Master Plan, who will advertise the Master Plan by what way? There seems not to be any plan for public relations of the Master Plan.

A: Further plan to realize the components of the Master Plan including the public relations should be suggested after monitoring and evaluation of the Pilot Projects. For public relations, it is expected to hold a workshop to explain the Master Plan and relationship with Pilot Project and also how to realize the Master Plan.

2) Allowance for farmers incentive

Q: Although this Study doesn't prepare any allowance at all, other development projects funded from other donors prepare some allowances for farmers but officials, according to their regulation (e.g., 200B~500B/person/day). This situation could be disincentives for the farmers who join to a series of workshops voluntarily.

**Attachment:**

1. Agenda of Discussion Stage at Whole River Basin
2. List of Participants

# Whole Basin Meeting on The Study of Lam Pa Chi Project

## Provincial Office Amphoe Muang Kanchanaburi

Thursday 14 August 2003 9:30 A.M. -13:00 P.M.

NO.	Name	Agency	POSITION	Tel.
1	Mr. Suwitchat Kayankannawi	Agriculture and Cooperative Promotion Kanchanaburi	(Chairman)	01 6151923
2	Mr. Kitisak Phumirawi	Agriculture and Cooperative Extension Kanchanaburi Province	General Administrator 7	09 6814030
3	Mr. Anan Sirisantisamrit	Agriculture and Cooperative Promotion Ratchaburi	Analysist Officer Level 6	032 323103
4	Mr. Suthi Chai-so	Agriculture and Cooperative Promotion Ratchaburi	Agricultural and Cooperative Officer	032 323115
5	Mr. Wasan Malapong	ALRO Kanchanaburi	AIRO Officer	034 511400
6	Mr. Woraphan Suphirat	ALRO Ratchaburi	ALRO Officer Level 7	032 337755
7	Mr. Surachai Jungsakul	Amphoe Chom Bueng	Amphoe Permanent Secretary	
8	Mr. Pornchai Limtrakul	Amphoe Dan Makham Tia	Amphoe Permanent Secretary	034 642290
9	Mr. Kasem Kamonphitan	K.A Ban Kha Agricultural Office	Agricultural Officer	01 8159434
10	Mr.Tawatchai Kritratchatanan	Land Development Department Kanchanaburi	Agricultural Administrative Officer	01 7509838
11	Mr. Chuchip Sawang-arom	Land Development Station Ratchaburi	Officer level 5	
12	Miss Niramol Klomkarn	Land Development Station Ratchaburi	Officer level 3	
13	Mrs. Rattana Kaeokiattiyot	Office of Agriculture & Cooperative Ratchaburi	Analysist Officer Level 6	032 323115
14	Mr. Sophot Kitket	Office of Agriculture Extension of Amphoe Dan Makham Tia	Extension Officer	
15	Mr. Piyarat Chongmuang	Office of Cooperative Ratchaburi	Officer level 7	032 337450
16	Mr. Bunmi Rungraksakul	Office of Forestry Ratchaburi	Officer level 7	032 377041
17	Mrs. Nantana Boonyanan	RFD Kanchanaburi	Forest Officer Level 7	034 511566
18	Mr. Tawat Puemnan	RFD Kanchanaburi	Officer level 5	034 511566
19	Mr. Chatchai Bunlue	RID	Chief of Information Administration and Project Planning	
20	Mr. Chalun Nilphan	RID	Chief of Project Standard Planning	02 2412680
21	Mr. Santi Thinnakhorn	RID	Economist level 7	02 2415058
22	Mr. Tawesin Lumcharoen	RID	Economist level 7	02 2436915
23	Mr. Weera Wangworawong	RID	Civil Engineer 5	02 2413254
24	Mr. Songsak Saowang	RID Kanchanaburi	Irrigation Engineer Level 7	01 8567862
25	Mr. Pornchai Phuprompun	RID Region 13	Irrigation Engineer Level 7	034 611797
26	Mr. Manote Nilniyom	RID Region 13	Irrigation Engineer Level 7	01 9363455
27	Mr. Bunmi Buaphaeng	TAO Dan Makham Tia	Chief	01 99552705
28	Mr. Pojjanart Kaewparn	TAO Dan Makham Tia	Secretary	034 642263
29	Mr. Wirat Rotcharoen	TAO Nong Phai	Chief	034 642150
30	Ms. Potchanee Krutwong	TAO Nong Phai	Secretary	034 642150
31	Mr. Santat Sonted	TAO Yang Hak	General Administrator 5	032 329222
32	Mr. Bumrung Sungkawang	Provincial Agriculture Office	Extension Officer 7	032 315023
33	Mr. Kasem Kaensub	Provincial Office of the Livestock Kanchanaburi	Officer level 7	034 512926
34	Mr. Rangsit Chotsirikhunwat	Provincial Office of the Livestock Ratchaburi	Husbandry Technician level 7	032 337802
35	Mr. Kawabe Shiniji	JICA Headquarter	JICA Staff	

**Annex 4****Meeting at RID Office for Field Survey (2)****List of Participants**

August 25, 2003 13:30AM

No	Name	Position	Institution
1	Mr. Chatchai Boonlue	Chief of Project	Office of Project Management, RID
2	Mr. Thavesilp Loomcharoen	Economist	Office of Project Management, RID
3	Ms. Wachiraporn Kummerdoet	Environmentalism	Office of Project Management, RID
4	Mr. Santi Thinnakorn	Economist	Office of Project Management, RID
5	Mr. Chalun Nilapant	Chief of Project Standard Planning	Office of Project Management, RID
6	Ms. Pornsiri Khanayai	Agricultural Scientist	Environmental Group
7	Ms. Wimolpat Bumbudsangpharoke	Economist 4	Evaluation Group, OBPP
8	Mr. Michio Goto	JICA Study Team	
9	Mr. Hideaki Hiruta	JICA Study Team	



## **Annex 5**

# **Study on Application of Participatory Planning in Rural and Agriculture Development Project in Lam Pa Chi River Basin**

## **Content (draft)**

Location Mao  
Summary  
Content  
Table and Figure  
Abbreviation

### **1. Necessitate of the Participatory Development Plan**

- 1) Ninth National Economic and Social Development Plan
- 2) Current Condition of the Ministry of Agriculture and Cooperatives
- 3) Background and Objective of the Study

### **2. Current Condition in the Study Area**

- 1) Natural Condition
- 2) Socio-Economic Condition
- 3) Water Resources
- 4) Agriculture
- 5) Irrigation and Drainage
- 6) Community Organization and Related Governmental Organization
- 7) Environment

### **3. Participatory Development Plan**

- 1) Baseline Survey
- 2) Implementation of the Participatory development Plan

### **4. Constrains**

### **5. Direction of the Development Plan and Verification Project**

#### **5. 1 Direction of the Development Plan**

- 1) Various Needs of people
- 2) Bureaucratic Sectionalism to Intersectional Cooperation
- 3) Basic Concept for Development Plan

#### **5. 2 Trial on Verification Project**

- 1) Selection of the Verification Project
- 2) Design, Implementation, Monitoring and Evaluation
- 3) Evaluation of the Verification Project

### **6. Development Plan**

- 1) Land use Plan
- 2) Water Resources Development Plan
  - a) Small to Medium Dam Construction Plan
  - b) Weirs

- c) Farm Ponds
  - d) Shallow wells and Deep wells
- 3 ) Improvement Plan of Agriculture Products
  - a) Improvement of Agricultural Production System
  - b) Deduction of the Pests & Disease
  - c) Soil Improvement
  - d) Production of manure and pesticides by farmers
- 4 ) Marketing Plan
  - a) a)strengthening of Farmers Organization
  - b) Public Relation on Market Information
  - c) Small Scale Agricultural Processing Plnats
  - d) Guarantee for Agricultural Product's Price
- 5 ) Micro Credit
  - a) Improvement for Land Holding System
  - b) Micro Credit
  - c) Strengthening of Farmers Organization
- 6 ) Irrigation/Drainage Improvement Plan
  - a) Distribution System for Irrigation
  - b) Pump Irrigation
  - c) Others
- 7 ) Mitigation of the Flood
  - a) Protection of River Bank
  - b) Sodding for River Bank
  - c) Dreading in Rivers
- 8 ) Environmental Plan
- 9 ) Strengthening Plan of Official Organization
  - TAO, TTC, RID, MOAC, etc.
- 1 0 ) Supporting Plan of Farmer's Organization
- 1 1 ) Monitoring Plan

## **7. Implementation Plan**

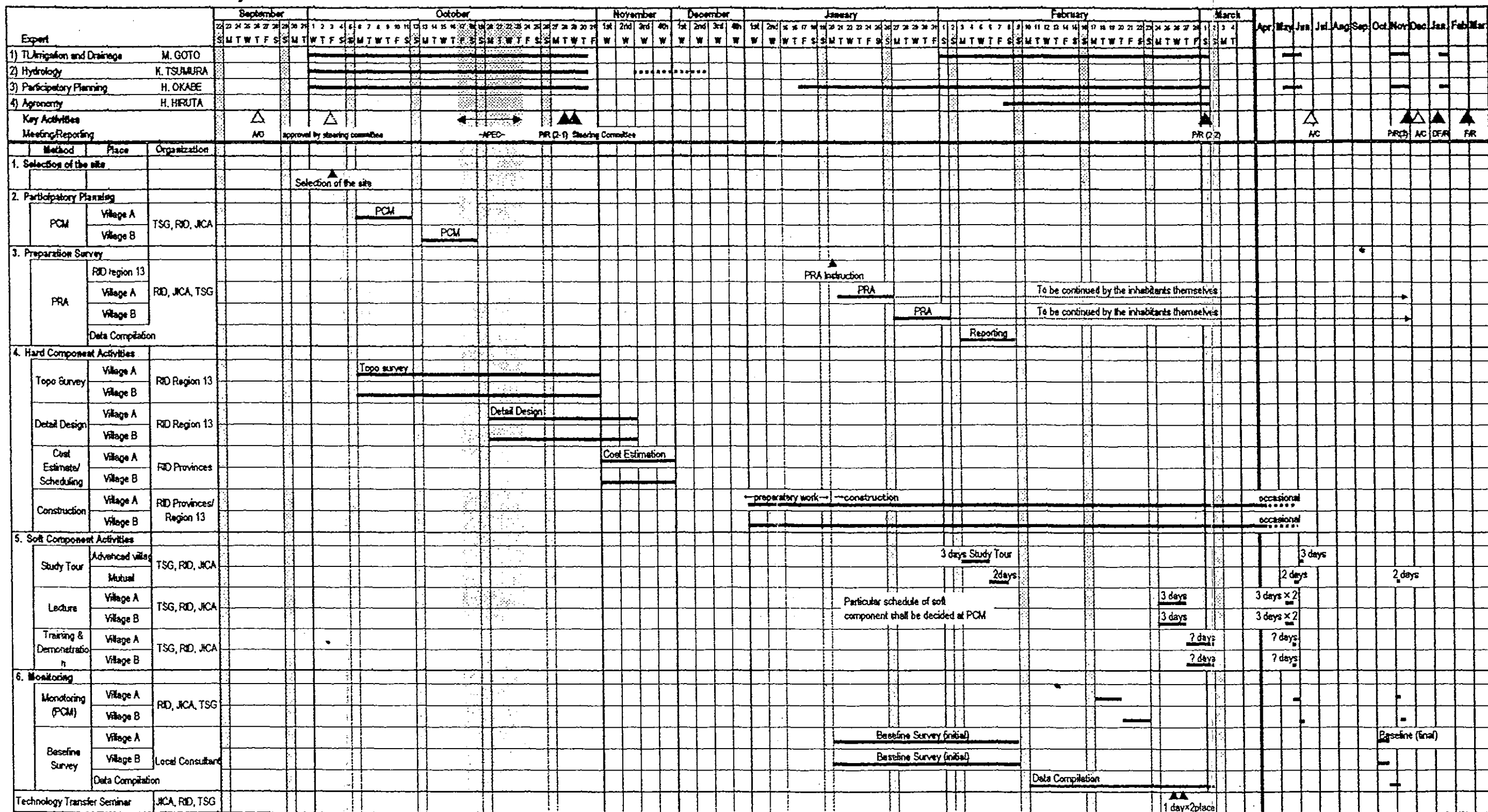
- 1 ) Implementation Organization
- 2 ) Implementation Schedule and Costs

## **8. Conclusion and Recommendation**

- 1 ) Conclusion
- 2 ) Recommendation

NO.	Name	Agency	POSITION	Tel.
36	Mr. Michio GOTO	JICA STUDY TEAM	Expert	02 2797075
37	Mr. Hideaki Hiruta	JICA STUDY TEAM	Expert	02 2797075
38	Mr. Banluesak Wattanasathien	JICA STUDY TEAM	Study team	02 2785687
39	Miss Priyakorn Satarom	JICA STUDY TEAM	Study team	02 2797075
40	Mr. Samran Chudoungnen	TEAM Consultants	Advisory	02 5099010
41	Miss Yaowapa Chuwong	TEAM Consultants	Study team	02 5099010

# Annex 6 Schedule for Pilot Projects



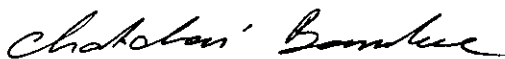
<b>Local Consultant</b>									
<b>Baseline</b>									
1) Social Economic (supervise survey team)									
2) Survey Team I (Village A)									
Expert									
Enumerator x 3									
3) Survey Team II (Village B)									
Expert									
Enumerator x 3									
<b>PCM/ PRA/ Monitoring &amp; Evaluation</b>									
4) Social Development Specialist (A)									
5) Social Development Specialist (B)									
6) Agricultural Specialist									
<b>Construction</b>									
7) Coordinator (procurement & accounting)									
8) Supervisor (A) (Village A)									
9) Supervisor (B) (Village B)									

[illegible]

凡例：

RECORDS OF DISCUSSION  
ON  
EXPLANATION OF DRAFT MASTER PLAN  
AND PREPARATION OF PILOT PROJECT  
FOR  
STUDY ON  
APPLICATION OF PARTICIPATORY PLANNING  
IN RURAL AND AGRICULTURE DEVELOPMENT PROJECT  
IN THE LAM PA CHI RIVER BASIN  
IN  
THE KINGDOM OF THAILAND

Bangkok,  
November 11<sup>th</sup>, 2003



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Mr. Chatchai Boonlue  
Director of Financed Foreign Project  
Administration,  
Office of Project Management  
Royal Irrigation Department  
Ministry of Agriculture and Cooperatives



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Mr. Michio GOTO  
Team Leader of the Study Team  
Japan International Cooperation Agency

The meeting was held on November 11, 2003 at MOAC meeting room No. 3/1 with the following agenda;

- 1) Explanation of the draft Master Plan,
- 2) Selection of the Pilot Project Sites, and
- 3) Preparation of the Pilot Project.

Main comments raised in the meeting are as follows; The list of participants in the meeting is attached as ANNEX-1.

1. Since the draft Master Plan is written in English, it should be digested into Thai and distributed to the members within mid December 2003. Then the meeting will be reorganized for the discussion of the draft Master Plan.
2. The Committee approved the selection of the Pilot Project sites.
3. MOAC Ratchaburi and Kanchanaburi coordinated the setting up of Sub-steering Committee in each province. All matters concerning each Pilot Project should be discussed and finalized by the Sub-steering Committees, then presenting at the Steering Committee for final approval.
4. RID provincial level is responsible for the construction of irrigation system (hard component), while MOAC in each province coordinates the extension services (soft component).
5. MOAC in each province makes sure that the governor is informed about the project implementation.
6. Since the Study Team is active in the Pilot Project, all responsible agencies should appoint a counterpart to directly work with them.

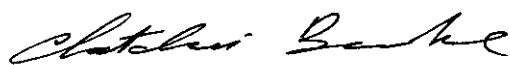
**List of Participants of the Steering Committee Meeting for Lam Pa Chi Project  
2#2003, Tuesday, November 11, 2003  
9:30 AM at MOAC Meeting room 3/1**

No	Name	Position / Agency
<b>A. Steering Committee</b>		
(Attended)		
1.	Mr. Bancha Sattasathuchana	Deputy Permanent Secretary, Office of Permanent Secretary, Ministry of Agriculture and Cooperatives (MOAC)
2.	Mr. Supat Wattayu	Director of Engineering Administration Division, Office of Regional Irrigation 13, RID
3.	Mr. Surat Sangansub	Chief, Irrigated Agriculture Sub-division, DOAE
4.	Mr. Anusom Chantanaroj	Agriculturist Level 7, Office of Soil Survey and Land Use Planning, Land Development Department (LDD)
5.	Mrs. Sudsawat Thirasuttakom	Director of Special Project Division, The Cooperative Promotion Department
6.	Sub-Lt Kasien Thienwijitchay	Director, Land Development Design Division, Agricultural Land Reform Office (ALRO)
7.	Mr. Cherdchai Khamwijitratanayotha	Veterina Level 8, Bureau of Disease Control and Veterinary Service, Department of Livestock Department
8.	Mrs. Duangnuan Khanarat	Policy and Plan Analyst 7, Agricultural and Cooperative Office, Rachaburi
9.	Mr. Kitisak Pumirawi	General Administrative Officer 7, Agricultural and Cooperative Office, Kanchanaburi
10.	Mr. Niwat Chankul	Chief, Project Environment Group, Office of Project Management, RID
11.	Mr. Chatchai Boonlue	Acting, Director, Foreign Financed Projects Administration Division, Office of Project Management, RID
(Not Attended)		
12.	Mr. Kamolpom Hadsarang	Deputy Director General for Engineering, RID
13.	Mr. Shartri Keoplung	Director, Office of Project Management
14.	Mr. Pairaj Potiwong	National Economic and Social Development Board, RID
15.	Mr. Chalum Nilapant	Chief, Project Planning Standard Group, Office of Project Management, RID
16.	Mr. Santi Thinnakorn	Economist Level 7, Economic and Social Group, Office of Project Management, RID
<b>B. Staff of the Related Agencies</b>		
17.	Mr. Songsak Saowang	Irrigation Engineering Level 7, Kanchanaburi Irrigation Project, Office of Regional Irrigation 13, RID
18.	Mr. Suvech Kitchakam	Chief, Contract Administration Branch, Foreign Financed Project Administration Division, Office of Project Management, RID
19.	Mrs. Orathai Krisanayanyong	Chief, Foreign Procurement Branch, Foreign Financed Projects Administration Division, RID
20.	Mrs. Supaporn Kulatas	Data and Project Planning Management Group, Office of Project Management, RID
21.	Miss Jittra Provichai	Foreign Relations Officer, Foreign Procurement Branch, Foreign Financed Projects Administration Division, Office of Project Management, RID
22.	Mr. Prakob Yingchoi	Chief, Land Development Design Section 2, Land Development Design Division, Agricultural Land Reform Office (ALRO)
23.	Mr. Amat Hoonhla	Subject Matter Specialist, DOAE
24.	Ms. Piyapat Ruangchan	Public Relations Officer, Agricultural Information Division, MOAC
<b>C. JICA Thailand Office</b>		
25.	Mr. Okiura Fumihiko	Assistant Resident Representative
<b>D. JICA Expert</b>		
26.	Mr. Nakamura Yoshifumi	JICA Expert
27.	Mr. Miyanaga Toyoshi	JICA Expert
<b>E. Related JICA Study Team</b>		
28.	Mr. Goto Michio	JICA Study Team
29.	Mr. Okabe Hiroshi	JICA Study Team
30.	Mr. Tsumura Kazumitsu	JICA Study Team
31.	Mr. Hiruta Hideaki	JICA Study Team
32.	Mr. Nakorn Nojaron	RRA & PCM Specialist
33.	Mr. Priyakorn Satrarom	Sanyu consultants (Thailand) Ltd.
34.	Miss Banluesak Wattanasathien	Sanyu consultants (Thailand) Ltd.




RECORD OF DISCUSSIONS  
ON  
PROGRESS REPORT (2-2)  
FOR  
STUDY ON  
APPLICATION OF PARTICIPATORY PLANNING  
IN RURAL AND AGRICULTURE DEVELOPMENT PROJECT  
IN THE LAM PA CHI RIVER BASIN  
IN  
THE KINGDOM OF THAILAND

Bangkok,  
June 04, 2004



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Mr. Chatchai Boonlue  
Director of Foreign Financed Project  
Administration Division  
Royal Irrigation Department  
Ministry of Agriculture and  
Cooperatives



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Mr. Michio GOTO  
Team Leader of the Study Team  
Japan International Cooperation  
Agency

A meeting on the Progress Report (2-2) for the Study on Application of Participatory Planning in Rural and Agriculture Development Project in the Lam Pa Chi River Basin was held with the members of the Steering Committee on 4<sup>th</sup> June, 2004 at the Ministry of Agriculture and Cooperatives Office. The participants are shown in the attached paper.

The presentation of the Progress Report (2-2) was made by the JICA Study Team and a few comments were given to the Study Team by the Steering Committee. The Study Team accepted all the comments and advices from the Steering Committee and expressed the sincere willingness to take due account of the precious comments. The main issues discussed by both sides in relation to the subject progress are as follows:

**Agenda No. 1. Topics announced by the chairperson.**

The Deputy Permanent Secretary assigned the Deputy Director General of RID to chair the meeting. However, due to the unavailability of the Deputy Director General, Mr. Chartree Kaewplang, the Director of the Project Administration Office of RID chaired the meeting.

**Agenda No. 2. Confirmation on the minutes of the previous meeting**

Based on the Digest of the Draft Master Plan in Thai language, the minutes of the previous Steering Committee meeting held in December 2003 was read and confirmed by the members. No modification was made.

**Agenda No. 3 Presentation of the Progress Report (2-2)**

The JICA Study Team explained three topics such as 1) progress of the project to date, 2) monitoring of the pilot project and 3) further schedule. (Details are in the handout presented in the meeting).

Main comments from the participants are;

1. The irrigation system transfer is a sensitive issue. If after transfer from RID to TAO, the system might not be properly operated and maintained and it may be considered as the failure of this pilot project. Therefore, pre-condition must be carefully examined before the transfer.
2. The transfer producers if exit, transfer should follow the existing RID procedures, if the procedure exists.
3. During the absence of the JICA Study Team, local consultants and RID counterparts will monitor the project activities as well as facilitate the pre-conditions of the transfer.

4. Idea of the irrigation system transfer presented by the Study Team was the tentative idea for discussion only and further details will be observed by local consultant and RID counterparts.
5. Payment procedures of the two pilot projects were different.
  - 5.1 TSG in Ratchaburi, two separate bank accounts for hard and soft components were opened and operated by TSG.
  - 5.2 In Kanchanaburi, a single bank account was opened and operated by RID Kanchanaburi for hard component. While, the soft component account was opened and operated by WUG, TAO and Study Team.

The Secretary of Steering Committee explained that the special financial arrangement by JICA is formulated and agreed by the Study Team and RID central, according to the minutes of the previous Steering Committee meeting. The process in Ratchaburi was applied smoothly done. However, the procedure in Kanchanaburi had some troubles in the initial stage but now in operational.

#### 6. Pilot Project as a Training Center in Lam Pa Chi Area

The Chairman explained the Pilot Project will be the Training Center for participatory development of Rural Area and after the completion of the project, DOAE, DOL, etc. under MOAC should continuously take care of soft components.

**List of Participants of the Steering Committee Meeting for Lam Pa Chi Project**  
**Friday, 4th June 2004**  
**9:30 AM to 12:00 PM at MOAC Meeting room 2/1**

No	Name	Position / Agency
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**A. Steering Committee**

1.	Mr. Chatree Kaewplang	Director of the Project of Administration Office in RID
2.	Mr. Chatchai Boonlue	Director, Foreign Financed Projects Administration Division, Office of Project Management, RID
3.	Mr. Supat Wattayu	Director of Engineering Administration Division, Office of Regional Irrigation 13, RID
4.	Mr. Surat Sangansub	Chief, Irrigated Agriculture Sub-division, DOAE
5.	Mr. Anusorn Chantanaroj	Agriculturist Level 7, Office of Soil Survey and Land Use Planning, Land Development Department (LDD)
6.	Mrs. Sudsawat Thirasuttakorn	Director of Special Project Division, The Cooperative Promotion Department
7.	Sub-Lt Kasien Thienwijitchay	Director, Land Development Design Division, Agricultural Land Reform Office (ALRO)
8.	Mr. Cherdchai Khamwijitratanayotha	Veterina Level 8 , Bureau of Disease Control and Veterinary Service, Department of Livestock Department
9.	Ms. Sudsawat Theerasutthakorn	Director of Special Project Division, The Cooperative Promotion Department
10.	Mr. Kitisak Pumirawi	General Administrative Officer 7, Agricultural and Cooperative Office, Kanchanaburi
11.	Mr. Weera wangwarawong	Project Section Planning, RID
12.	Mr. Chalum Nilapant	Chief, Project Planning Standard Group, Office of Project Management, RID
13.	Mr. Santi Thinnakorn	Economist Level 7, Economic and Social Group, Office of Project Management, RID

**B. Staff of the Related Agencies**

1.	Mr. Suvech Kitchakam	Chief, Contract Administration Branch, Foreign Financed Project Administration Division, Office of Project Management, RID
2.	Miss Jittra Provichai	Foreign Relations Officer, Foreign Procurement Branch, Foreign Financed Projects Administration Division, Office of Project
3.	Mr. Suppanut Priyachat	Acting Chief of Administration and Project Planning, RID
4.	Mr. Chatchawan Wongmuang	Representative of RID Ratchaburi
5.	Ms. Watchiraphon Khamnerdphet	Environmental section no.2, RID
6.	Mr. Theerawat Wittayasilp	Land Reform Development, ALRO
7.	Mr. Anan Sirisantisamrit	Analyst level 6, Agricultural and Cooperative Office, Ratchaburi
8.	Mr. Suthi Chaiso	Director, Agricultural and Cooperative Office, Ratchaburi
9.	Mr. Wuthikrai Smitthimathin	Representative of RID Kanchanaburi
10.	Mr. Weerachai Chuphisanoj	Acting Chief of Project planning standard, RID
11.	Ms. Saranya Moonma	Secretary JICA Expert, RID

**C. Embassy of Japan**

1.	Mr. Yoshitake Tsuzuki	First Secretary
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**D. JICA Expert**

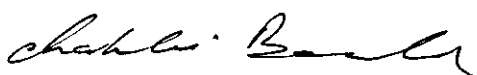
1.	Mr. Nakamura Yoshifumi	JICA Expert
2.	Mr. Okiura Fumihiko	JICA Thailand Office

**E. Related JICA Study Team**

1.	Mr. Goto Michio	JICA Study Team
2.	Mr. Okabe Hiroshi	JICA Study Team
3.	Mr. Hiruta Hideaki	JICA Study Team
4.	Mr. Nakorn Nojaroon	RRA & PCM Specialist
5.	Mr. Banluesak Wattanasathien	Sanyu consultants (Thailand) Ltd.

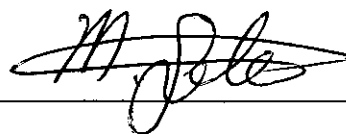
RECORD OF DISCUSSIONS  
ON  
PROGRESS REPORT (3)  
FOR  
STUDY ON  
APPLICATION OF PARTICIPATORY PLANNING  
IN RURAL AND AGRICULTURE DEVELOPMENT PROJECT  
IN THE LAM PA CHI RIVER BASIN  
IN  
THE KINGDOM OF THAILAND

Bangkok,  
November 29, 2004



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Mr. Chatchai Boonlue  
Director of Foreign Financed Project  
Administration Division  
Royal Irrigation Department  
Ministry of Agriculture and  
Cooperatives



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Mr. Michio GOTO  
Team Leader of the Study Team  
Japan International Cooperation  
Agency

A meeting on the Progress Report (3) for the Study on Application of Participatory Planning in Rural and Agriculture Development Project in the Lam Pa Chi River Basin was held with the members of the counterpart Personnel of RID and Study Team on 29th November, 2004 at RID's office. List of participants are shown as Appendix.

The JICA Study Team explained the progress report (3) and further schedule. A few comments were given among the participants. Summary of the comments are as follows.

### **1. Progress Report (3) in Thai version**

50 copies of progress report (3) in Thai version will be submitted on December 9, 2004. After receiving the reports, RID will distribute them to the related government agencies concerned. The Study Team requested that comments should be given to the Study Team by the end of December 2005 so as to feedback the comments to the Draft Final Report.

### **2. Installation of the Irrigation Pipe at on-farm Level**

In general, the pilot project has achieved good results as expected. However, there are some necessary improvements on the current activities. One of the activities to be improved is the installation of the irrigation pipe at on-farm level at each pilot project. In Ban Tha Phayom Weir in Kanchanaburi, some farmers have not yet installed the pipe by themselves. The reasons are 1) Farmers are still not able to afford to buy pipes due to flood damage occurred in May 2004. 2) Farmers have been afraid the water fee (1Bt/cum) for pump irrigation might be more expensive than that of groundwater. 3) Farmers are waiting for the harvesting of the sugarcane during January to February 2005. As for Upper Huai Mahad Reservoir in Ratchaburi, Farmers are waiting for the harvesting of the sugarcane and pineapple during January to February 2005.

In this regard, WUG in each area should stimulate farmers to install the pipes and the TSG has to continue supervision and monitoring on this matter.

### **3. Draft Final Report**

Draft Final Report contains two parts. One is the Master Plan and second is the process of the Pilot Project. It should be digested and submitted to RID one week before the Steering Committee Meeting.

### **4. Sub-Steering Committee Meeting.**

Thai side requested that Sub Steering Committee Meeting in each Pilot Project should be organized before Steering Committee Meeting in next stage. The Study Team will consider on this matter after return to Japan.

#### **5. Schedule for Next Visit by the Study Team**

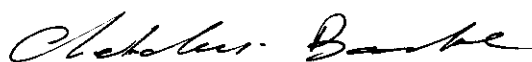
The Study Team will visit Thailand from the middle of January to early February 2005 to explain and discuss the Draft Final Report to Thai side.

#### **Appendix 1. Name of Participants:**

1. Mr. Chatchai Boonlue, Director, Foreign Financed Projects Administration  
Division, Office of Project Management, RID
2. Mr. Santi Thinnakorn, Economist, Office of Project Management, RID
3. Mr. Thaweesin Luncharoen, Economist, Office of Project Management, RID
4. Mr. Michio Goto, JICA Study Team
5. Mr. Hiroshi Okabe, JICA Study Team
6. Mr. Hideaki Hiruta, JICA Study Team
7. Mr. Nakorn Najaroon, Local Consultant, Social Development Specialist
8. Mr. Banluesak Watthanasathien, Local Consultant, Procurement/Accounting Expert

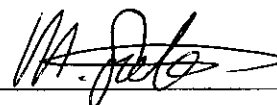
MINUTES OF THE MEETING  
ON  
DRAFT FINAL REPORT  
FOR  
STUDY ON  
APPLICATION OF PARTICIPATORY PLANNING  
IN RURAL AND AGRICULTURE DEVELOPMENT PROJECT  
IN THE LAM PA CHI RIVER BASIN  
IN  
THE KINGDOM OF THAILAND

Bangkok,  
February 03, 2005



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Mr. Chatchai Boonlue  
Director of Foreign Financed Project  
Administration Division  
Royal Irrigation Department  
Ministry of Agriculture and  
Cooperatives



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Mr. Michio GOTO  
Team Leader of the Study Team  
Japan International Cooperation  
Agency



The Study Team organized by the Japan International Cooperation Agency (hereinafter referred to as "JICA") headed by Mr. Michio GOTO, had a meeting on the Draft Final Report for the Study on Application of Participatory Planning in Rural and Agriculture Development Project in the Lam Pa Chi River Basin with the members of the Sub Steering Committee for the Study on 31<sup>st</sup> January, 2005 at Kanchanaburi Provincial City Hall, on 1<sup>st</sup> February, 2005 at Ratchaburi Provincial City Hall and the member of the Steering Committee on 2<sup>nd</sup> February, 2005 at the Royal Irrigation Department (hereinafter referred to as "RID") of Ministry of Agriculture and Cooperatives respectively.

The presentation of the Draft Final Report was made by the JICA Study Team and a few comments were given to it by the Sub-Steering Committee and Steering Committee members. The Study Team accepted all the comments and advice from the Steering Committee and expressed the sincere willingness to take due account of the precious comments. The main issues discussed by both sides in relation to the Draft Final Report for the Study are as follows: The list of Steering Committee and Sub-steering Committee is attached as ANNEX 1, ANNEX2 and ANNEX 3 respectively.

#### **A. Comments from the Steering Committee**

##### **Conclusion**

1. The Steering Committee principally accepted the Draft Final Report consists of Draft Master Plan, Volume 1, and Pilot Project, Volume II and the committee members should submit comments to the Study Team within one month.
2. The committee accepted the principle of participatory development approach in the draft master plan and lessons learned from the Pilot Project.
3. According to the report, the Steering Committee recommended that the plan should be included in the CEO plan and implemented at the provincial level by the Sub Steering Committees.
4. Since the selling price of crop is still low, marketing strategy should be taken care by the related agencies.
5. Flood mitigation program should be started base on the recommendation of final report.

#### **B. Comments from the Sub-Steering Committee in Kanchanaburi**

1. The Sub Steering Committee accepted the Draft Final Report consists of the Draft Master Plan, Volume I and the Draft final report of Pilot Project, Volume II with the following suggestions;
  - 1.1 TOA Nong Phai will support WUG to collect water fee and operation and maintenance fee. The part of the fee will be paid to the members who collect it.
  - 1.2 TOA Nong Phai should prepare the development plan and request budget from the province to continuously support the group activities.
  - 1.3 TAO Nong Phai should facilitate the registration of the groups as regal group so they could officially request the budget from the province.
2. The Sub Steering Committee accepted that the participatory development approach could be applied to the CEO plan.
3. The implementing structure could be used as the model for supporting the CEO plan.
4. Kanchanaburi province has budget to support the Pilot Project continuously.
5. TAO Nong Phai allocated one million baht to support farmers' activities. The activities of WUG, Compost Making Group and other groups would also be supported.

#### **C. Comments from the Sub-Steering Committee in Ratchaburi**

##### **Conclusion**

1. The Sub Steering Committee accepted the Draft Final Report consists of Draft Master Plan, Volume 1, and Pilot Project, Volume II.
2. The agencies involved should prepare plan of activities for the Pilot Project and request financial support from the CEO.
3. DOAE will continue support technically to the Pilot Project area.
4. Land Development Department is now request budget from CEO to promote compost-making activity. If the budget is approved, the Pilot Project will be considered as the target area.
5. DOCP will support WUG in financial management aspect.
6. The agencies concerned should encourage private sector to involve in the pilot project including the villages nearby.
7. The Sub Steering Committee request Study Team to provide more detail of the revolving fund in the report so that it could be applied in other area. The study Team accepted the request.
8. The followings are suggestions for sustainability by the Sub Steering Committee.
  - (1) TAO Nong Phan Chan should be involved more in the development of Pilot Project.

- (2) The existing implementing structure could be maintained to monitor the development of the Pilot Project.
- (3) The Pilot Project should be included in the CEO plan.
- (4) The Pilot Project should be announced as the area of Food Safety.
- (5) The Pilot Project is a good model on how to integrate efforts of the government agencies to provide service to farmers' needs. The model should be applied by the related agencies in implementing the activities.

#### **D. Further Schedule**

The RID) will provide JICA Study Team with its comments on the Draft Master Plan within one (1) month of its receipt of the Draft Final Report. The Final Report will be finalized within one (1) month of JICA STUDY Team's receipt of the RID's comments on the Draft Final Report.

#### **E. Reports**

Based on the Minutes of the Meeting on Inception Report for the captioned Study signed on 1<sup>st</sup> November 2002, the Study Team submitted the fifty (50) copies of Draft Final Report in English on 24<sup>th</sup> January 2005 and in Thai language on 28<sup>th</sup> January 2005 respectively to the Thai side.

# **ANNEX 1 List of Participants of Steering Committee in Bangkok**

1.	<b>Mr. Kamolpon Husrang</b>	<b>Deputy Director General of RID</b>	<b>Chairman</b>
2.	<b>Mr. Chattri Kaewplung</b>	<b>Director of Planning Division, RID</b>	
3.	<b>Mr. Lertvirod Gowattana</b>	<b>Director of Regional RID 13</b>	
4.	<b>Mr. Surat Sangunsab</b>	<b>Chief of Specific Area Agricultural Development Division, DOAE</b>	
5.	<b>Mr. Chavalert Nuankoksong</b>	<b>Office of Soil Survey and Land Use Planning, LDD</b>	
6.	<b>Mrs. Sudsawat Teerasutthakon</b>	<b>Office of Settle and Promote the Cooperative, DOCP</b>	
7.	<b>Sub Lt Kasian Thienvijitchai</b>	<b>Director of Design section for Development Area, ALRO</b>	
8.	<b>Mr. Chedchai Kamvijitrattanayotha</b>	<b>Office of Control, Prevent and Treat for Diseases, DOL</b>	
9.	<b>Mr. Suthi Chaityaso</b>	<b>Ratchaburi MOAC</b>	
10.	<b>Mr. Kittisak Phumiravi</b>	<b>Kanchanaburi MOAC</b>	
11.	<b>Mr. Chatchai Boonlue</b>	<b>Acting Director of Foreign Financed Project Administration Division RID</b>	
12.	<b>Mr. Santi Tinnakon</b>	<b>Planning Division, RID</b>	
13.	<b>Mr. Suvate Kitkan</b>	<b>Planning Division, RID</b>	
14.	<b>Mr. Niwat Auimsopon</b>	<b>Director of Kanchanaburi RID</b>	
15.	<b>Mr. Preecha Chanthong</b>	<b>Director of Regional RID 13</b>	
16.	<b>Mr. Sampan Duansirirat</b>	<b>Kanchanaburi RID</b>	
17.	<b>Mr. Vera Vangvorawong</b>	<b>Planning Division, RID</b>	
18.	<b>Mr. Wuttikrai Smittimathin</b>	<b>Kanchanaburi RID</b>	
19.	<b>Mr. Taweetilp Lumchareon</b>	<b>Planning Division, RID</b>	
20.	<b>Mr. Teerawat Wittayasilp</b>	<b>ALRO Central</b>	
21.	<b>Mr. Malathon Krilerk</b>	<b>DOCP Central</b>	
22.	<b>Mrs. Orathai Kritsanayanyong</b>	<b>RID Central</b>	
23.	<b>Mr. Kriengkri Sungset</b>	<b>Planning Division, RID</b>	
24.	<b>Mr. Chakapan Chonhiran</b>	<b>Planning Division, RID</b>	
25.	<b>Miss Jitra Polchiwin</b>	<b>Planning Division, RID</b>	
26.	<b>Mr. Nakamura Yoshifumi</b>	<b>JICA Expert</b>	
27.	<b>Mr. Michio Goto</b>	<b>Team Leader, JICA Study Team</b>	
28.	<b>Mr. Hiroshi Okabe</b>	<b>JICA Study Team</b>	
29.	<b>Mr. Nakorn Najaron</b>	<b>Local Consultant</b>	
30.	<b>Mr. Banluesak Wattanasathien</b>	<b>Local Consultant</b>	

## **ANNEX 2 List of Participants of Sub-Steering Committee in Kanchanaburi**

1. Mr. Suwitchart Khayankannawee	MOAC Kanchanaburi (Chairman)
2. Mr. Wuttikrai Smittiwethin	RID Kanchanaburi (Acting Secretary)
3. Mr. Phipat Tangkhaluek	District Governor Danmakhamtia
4. Mr. Jakkrit Smarnkasikam	Kanchanaburi Provincial Office
5. Mr. Pornchai Phuprompan	RID Region 13
6. Mr. Prachum Artchaisri	TAO Glondo
7. Mrs. Chonnikan Khemkhaeng	TAO Glondo
8. Mr. Sitthawat Photiwihok	TAO Jorrakephuak
9. Mr. Potchanat Kaewphanna	TAO Danmakamtia
10. Mr. Chusak Srisukkhachorn	TAO Nongphai
11. Ms. Potchane Krutwong	TAO Nongphai
12. Mr. Wuttikrai Smittiwethin	RID Kanchanaburi
13. Mr. Samphan Duansirirat	RID Kanchanaburi
14. Mr. Surat Sanguansap	DOAE, Central
15. Mr. Suraphon Sophin	DOAE, Kanchanaburi Provincial Office
16. Mr. Santi Thinnakhon	RID Central
17. Mr. Thaweesin Lumcharern	RID Central
18. Mr. Michio Goto	Team Leader, JICA Study Team
19. Mr. Hiroshi Okabe	JICA Study Team
20. Mr. Nakorn Najaroon	Local Consultant
21. Mr. Banluesak Wattanasathien	Local Consultant

### **ANNEX 3 List of Participants of Sub-Steering Committee in Ratchaburi**

1. Mr. Sutti Chaiyaso	MOAC Ratchaburi (Chairman)
2. Mr. Phirat Thupprasert	RID Ratchaburi (Secretary)
3. Mrs. Duangnuan Kanarat	MOAC Ratchaburi
4. Mr. Pittaya Chamnanniam	TAO Suanphueng
5. Mr. Viboon Wongmasa	Provincial Agricultural Office
6. Mr. Satapon Somtat	Provincial Agricultural Office
7. Mr. Wachirakul Suwatcharatanaphum	Office of Natural Resources
8. Mr. Kasem Kamolpitan	Amphoe Agricultural Office(Ban Kha)
9. Mr. Suchat Suarel	Amphoe Administrative Office (Ban Kha)
10. Mrs. Rattana Kaewkiatyot	MOAC Ratchaburi
11. Miss Wasana Khongsano	ALRO Ratchaburi
12. Mr. Ponchai Phuprompan	RID Region 13
13. Mr. Silawat Singmanee	RID Ratchaburi
14. Mr. Sarasit Naksuk	Provincial Fishery Office
15. Mr. Chaluy Pitakchonsab	Provincial Fishery Office
16. Mr. Chatchawan Wongmuang	RID Ratchaburi
17. Mr. Pitoon Kengkanchang	RID Ratchaburi
18. Mr. Chuchat Suangamaum	Amphoe Agricultural Office (Chom Bueng)
19. Mr. Somsak Sontiworachai	Provincial LDD
20. Mr. Jadesada Sara	Provincial LDD
21. Mr. Pramote Tawon	Provincial Cooperative Office
22. Mr. Surat Sangunsab	DOAE
23. Mr. Santi Thinnakhon	RID Central
24. Mr. Thaweesin Lumcharern	RID Central
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