

## 第2章 添付資料1 RRA 調査項目

Areas of concern and basic questions included in semi-structured interviewing list:

( ) = tools used

### 1. Background information

- Major infrastructure and facilities in the village (Mapping)
- Village history (major events, developments – implementing body and financial source)
- Social groups/organizations in the village (Venn diagram)
- Occupational features of the households in the village
- WUA – relationship with the Government agencies
- Issues, problems, needs of the village/WUA

### 2. Benefits to the farmers

- What changes occurred in their economic situations (change in income, new income sources, stability and regularity of income, consumption patterns, asset creation, work requirements, etc.)?
- What changes have occurred in their yields, cropping patterns, work, use of labour (Cropping calendar)? How the farmers take advantage of the opportunities created by the project? Why farmers change or do not change their cropping pattern and what factors affect their decisions (Logic tree)?
- Whether benefit differs by beneficiaries in terms of their socio-economic status (Stakeholder analysis)?
- What their current aspirations, needs and problems are (Needs/problems ranking)?

### 3. Water users groups (HIPPA)

- Whether the members are satisfied with the group's management system/style, input/output and government support?
- What the group's strengths, weaknesses, opportunities and threats are (SWOT analysis)? What factors affect the performance of HIPPA?
- How the group maintains the facilities (Decision-making tree)?
- What problems/difficulties they face? How they solve them?
- What their expectations/aspirations of the group are?

### 4. Others

- Whether women have been more involved in social and economic activities?
- How the poor (landless farmers) in the village benefit from the project?

第 2 章 添付資料 2 RRA 調査質問票

**QUESTIONNAIRE  
For Rapid Rural Appraisal (RRA)**

1. Identity

1) Is there any traditional organisation before HIPPA ?	1. Yes 2. No	
2) If Yes, please the name :		
3) When the traditional organisation ended ?		
4) Name of your HIPPA		
5) The number of tertiary block ?	A. One B. Two C. Three D. > three	
6) Name of Irrigation scheme		
7) Name of village		
8) Name HIPPA chiefs		
9) When was HIPPA established ?		
10) Does HIPPA have office ?	1. Yes 2. No	
11) Is HIPPA chief also village functionary ?	1. Yes 2. No	
12) If Yes, what is the status?		
13) Does HIPPA have bylaw ?	1. Yes 2. No	
14) Does HIPPA have legal status?	1. Yes 2. No	
15) Do HIPPA members have irrigation water use right?	1. Yes 2. No 3. Do not know	
16) Land holding of yours in this irrigation scheme?	Ha.	
	Before Widas (1984)	Present
17) Rice production per hectare per 1 <sup>st</sup> crop?	Ton	ton
18) Cropping pattern in your HIPPA area?		

2. HIPPA Organization

Status	#	Period	Remuneration
1) Head			
2) Vice			
3) Secretary			
4) Treasurer			
5) Technical division			
6) Ass. Technical div.			
7) Block chief			
8) Sub-block			
9) Farmers group			
10) Farmers			
11) Others: if any			

### 3. HIPPA Activities

Activities	Answer
1) Attendance of HIPPA member in meeting?	1. Yes 2. No
2) If Yes, how many times in a year ?	
3) What kind of meetings held ?	1. 2. etc.

### 4. Condition of tertiary facilities / networks

Questions	Answer
1) Are tertiary canals well functional?	1. Yes 2. Moderate 3. No
2) If not, how serious are they ?	1. Bad 2. Very bad
3) Problems of tertiary canals often faced by farmers :	1. Leak 2. Sedimentation 3. Others :
4) Are boxes sufficient to the need ?	1. Yes 2. No
5) If no, how many are needed more ?	
6) Are all boxes well functional ?	1. Yes 2. No
7) If no, why ?	
8) Are any other supporting networks in this tertiary block such as water duct, etc. ?	1. Yes : 2. No
9) If yes, the condition ?	1. Good 2. Fair 3. Bad
10) Is there any tertiary road for farmers ?	1. Yes 2. No
11) If yes, how is the condition ?	1. Enough 2. Less

### 5. Operation of Tertiary Block

Question	Answer
1) Is water sufficiently available during dry season?	1. Yes 2. No
2) If no, how is the condition ?	1. Less 2. Much less 3. None
3) How is the water distribution during water shortage ?	
4) Is the operator in the tertiary block paid ?	1. Yes 2. No
5) If yes, how much ?	Rp.

## 6. Routine and periodic maintenance of the tertiary networks

Question	Answer
1) Is weeding done ?	1. Yes 2. No
2) If yes, how it is done ?	1. Gotong royong 2. Paying 3. Both
3) Is the weeder paid ?	1. Yes 2. No
4) If yes, how is it paid ?	1. Money: Rp. 2. Kind
5) Is canal cleaned ?	1. Yes 2. No
6) If yes, how is it done ?	1. Gotong royong 2. Paying 3. Both
7) Is the canal cleaner paid ?	1. Yes 2. No
8) If yes, how is he / she paid ?	1. Money :Rp. 2. Kind
9) Are supporting networks cleaned / repaired ?	1. Yes 2. No
10) If yes, how is it / are they done ?	1. Gotong royong 2. Paying 3. Both

## 7. Participation in HIPPA Activities

Question	Answer
1) Your evaluation please toward members' participation in OM activities in the tertiary block during the last three years.	1. Highly active 2. Active 3. Moderate 4. Less 5. Not active
2) The reason please.	
3) Your evaluation please toward members' participation in the meeting activities during the last three years.	1. Highly active 2. Active 3. Moderate 4. Less 5. Not active
4) The reason please.	
5) How is the members' involvement in the gotong royong in general ?	1. All 2. Mostly 3. Partly 4. Few
6) What is to be done toward those who were not involved in gotong royong ?	

## 8. OM Budget

Question	Answer
1) Is there any OM budget for tertiary block ?	1. Yes 2. No
2) If yes, what do you do if OM cost exceed OM budget ?	
3) What items are included in yearly OM budget in the last year ?	
Operation	Maintenance
Wage : Rp Administration : Rp Others : Rp	Wage : Rp Others : Rp
4) Funding resources for budget.	1. 2. 3.
5) How is your OM budget this year ?	1. Sufficient 2. Fair 3. Not sufficient 4. Very insufficient

## 9. ISF

	1993 Rp	1994 Rp	1995 Rp	1996 Rp	1997 Rp	1998 Rp
1) ISF per hectare						
2) Collection efficiency	%	%	%	%	%	%
3) What do you think of the last ISF tariff ?	1. Very high 2. High 3. Fair 4. Low 5. Very low					
4) If it is too high, how much do you think ?	Rp					

## 10. What are problems and challenges of HIPPA ?

- 1.
- 2.
- 3.

## 11. HIPPA and autonomy

Question	Answer
1) In the future HIPPA will have autonomy : HIPPA has more authority and responsibility for OM of both secondary and tertiary networks. What do you think ?	1. Agree 2. Agree under assumption that government keeps supporting HIPPA for technical and legal aspects. 3. Do not agree : just as it is nowadays

## 12. Self Evaluation

Question	Answer
1) What do you think of workforce of HIPPA members so far ?	1. Very good 2. Better 3. Just the same 4. Worse
2) Your reason please.	
3) What do you think of OM implementation of irrigation networks so far ?	1. Very good 2. Better 3. Just the same 4. Worse
4) Your reason please.	
5) What do you think of HIPPA members' participation in meeting, decision making and sense of belonging so far ?	1. Very good 2. Better 3. Just the same 4. Worse
6) Your reason please.	
7) What do you think of conflict solution so far ?	1. Very good 2. Better 3. Just the same 4. Worse
8) Your reason please.	

## 13. Miscellaneous

Your opinion for the development of HIPPA in the future: