

Table 6.4.1 Public Awareness of Government Policy amongst Government Officials

(1) Activity No. :	Program Name	Irrigation-related GOI Attitude Change	Category of the Program
(2) Sector :	Irrigation	(3) Expected Implementation Period :	6 months
(4) Target Area / Category	1) Estimated Total Number :		2) Estimated Total Area :
3) <i>Others</i> : Indonesia, Province of West Sumatera and 7 Kabupaten and Municipal included in the Study			
(5) Program Description			
Carry out participatory need assessment, program designing and implementation to assist the Provincial and Kabupaten/Municipal GOI and irrigation-related GOI Agencies ready to conduct Social Preparation program and to facilitate program implementation of irrigation policy reform, particularly improvement of irrigation management, WUA empowerment and turnover programs. The activities need to address comprehensively GOI Administration system and GOI Officers' attitude change, hence may include both GOI institutional and capacity building in the Province and at Kabupaten/Municipal level in particular.			
(6) Executing agencies/institutions, their roles, present conditions & required strengthening			
<p>1) <u>Field level</u> : Pengantar/Pengantar Pengantar GOI, Kecamatan GOI, and Village GOI (Initiative, Beneficiaries, Participation).</p> <p>2) <u>Kabupaten government</u>, Kabupaten GOI, Bappeda, Dinas Pengairan, <u>Current Problems to be addressed by the Program</u> Dinas Pertanian (Initiative, Decision, Action, Funding, Beneficiary) Regard with inadequate Government role and management capacity</p> <p>3) <u>Provincial government</u> : a. Provincial GOI, Bappeda, Dinas Pengairan, Dinas Pertanian (Funding, Control, MSE) b. PTGA (Action, Participation, Beneficiary) c. Consulting Company, University, NGO (Technical Assistance)</p> <p>4) <u>Central government</u>.</p>			
(7) Program Background			
<p>1) <u>Current Problems to be addressed by the Program</u> : a). Inadequate GOI Administration sectoral and intersectoral system, b). Inadequate GOI Office and Field management capacities, c). Inappropriate GOI Officers' approach and orientation (top-down, ego-sectoral, target-oriented, project-oriented)</p> <p>2) <u>Countermeasures already taken</u> : a). Issuance of <i>Kab/Mun Perda</i> corresponding to regional autonomy laws and regulations, b). Reorganization of Kab/Mun GOI organizational structure and work mechanism accordingly, c). Limited socialization of Irrigation Policy Reform, and d) Inclusion of Province and the 7 Kabupaten and Municipal in JICA Study 2000/2001.</p> <p>3) <u>Significance and necessary of the Program</u> : GOI is the side where the irrigation policy reform come from. Thus, due to regional autonomy and democratization, GOI preparedness is firstly required for Kabupaten and Municipal prior to Dissemination and Program implementation of irrigation policy reform</p> <p>4) <u>Relation between the Program and national development plan/policies/instructions</u> : This program must be supplementary to the on-going comprehensive GOI project schemes (P3DT, KDP etc) and supporting for irrigation-related program schemes (PTGA, WUAT scheme, Batang Hari scheme, Batang Asai scheme, etc) under Inpres no. 3/1999 and Laws and Regulations of decentralization and deconcentration.</p>			
(8) Program Targets and Monitoring			
<p>1) <u>Overall Goal</u> : Preparedness of Kab/Mun GOIs and irrigation-related GOI Agencies to disseminate and facilitate adequately implementation of irrigation policy reform as required.</p> <p>2) <u>Proposed performance indicators to assess results at the target level</u> : Readiness of Kab/Mun GOI and related Sector GOI Officers to initiate dissemination as scheduled and facilitate PPI implementation in the included Dis, Kecamatan and Villages on request basis.</p> <p>3) <u>Output</u> : a) Adequate Operation Plans of dissemination and facilitation of PPI implementation b) Formation of KICF at Kab/Mun level c) Applicable materials and tool-kits for dissemination and facilitation purposes of PPI implementation d) Sufficient financial resources and arrangement for dissemination and facilitation purposes of PPI implementation e) Adequate number and quality of COs for PPI implementation f) Awareness and ability of GOI officer to be highly motivated civil servants.</p> <p>4) <u>Proposed performance indicators to assess achievements at the outputs level</u> : a) Prepared adequate dissemination and facilitation operation-plans of PPI implementation of 7 Kab/Mun at the end of this program b) Prepared applicable dissemination and implementation facilitation set of materials and tool-kits of 7 Kab/Mun at the end of this program c) Sufficient financial resources and arrangements for dissemination and facilitation of PPI implementation of 7 Kab/Mun at the end of this program d) Formation of Kabupaten Irrigation Coordination Forum (KICF) of respective Kab/Mun at the end of this program e) Adequate TOT for PTGA and proper PTGA capabilities to train Coe accordingly f) Hired and trained adequate COs managed by Univ/NGO Consulting Team responsible to KICF of 7 Kab/Mun in the end of this program g) Field tested Kab/Mun GOI Officers' ability to be civil servants of 7 Kab/Mun at the end this program</p> <p>5) <u>Activities</u> : See Supporting information</p> <p>6) <u>Assumptions</u> : a) Fund is available b) Irrigation policy reform is benefiting to water users c) Task allocation of Central Provincial and Kab/Mun GOIs and Water Users were firstly defined and accepted</p>			
(9) Program Inputs			
<p>1) <u>Budget allocation plan throughout the Program period</u></p> <ul style="list-style-type: none"> - Need assessment, Provincial GOI and 7 Kab and Mun GOIs, 1 month, 24 man/month - Materials and tool-kits production for dissemination and facilitation of PPI implementation, 2 months, 40 man/month - TOT for PTGA and 7 Kab/Municipal PTGA Teams, 1 training, 1 week, 30 participant at maximum - Recruitment and training for COs, 7 Kab/Mun, 1 CO/DI, 3 DI priorities per Kab/Mun (21 COs), 1 week recruitment, 1 week training - Initiation of KICF, 7 Kab/Mun, meetings for organizational setting and ADIART formulation (1 week, 7x 21 man/days), 7x1-day Formation Meeting @ 40 attendances, startup budget for Secretariate and overhead. - In-built consultancies for individual Province and Kabupaten/Municipal GOI and GOI Agencies, KICF and COs for formulation of Dissemination and Facilitation of PPI implementation and activities specified above, 6 months, 40 man/month - Overhead, transportation, communication, accomodation <p>2) <u>Staff allocation plans and technical after achievement of overall goal</u>. The Consulting Team is demobilized at the end of this program, whereas the Provincial and Kab/Mun GOIs and related GOI Agencies, PTGA teams, CO and KICF take actions respectively in according to the formulated dissemination and facilitation Action Plan</p> <p>3) <u>Provisional equipment/ Materials</u> : a) Related laws and regulations (Central, Province, Kab/Mun, Kecamatan/Nagari levels) of irrigation policy reform and implementation b) Explanatory sets of irrigation and WUA problems and solutions c) Proposed Action Plan and task allocation under irrigation policy reform d) Financial budget arrangement (appraisal, proposal, approval, disbursement requirements and mechanisms) e) Manual, instruments, forms which regard to financial, technical, and GOI administration requirements f) Dissemination materials as required for local mass-media (TV, newspaper) and group-media (seminar, meetings, trainings), etc</p>			

To be Continued

Continued

[10] Program Benefits & Impacts	<p>1) <u>Direct beneficiaries & their numbers during the program implementation:</u> (631 Provincial and Kab/Mun Key-leaders)</p> <p>a) Provincial GOI: Parliament 2, ProvGOI 3, Bappeda 3, Dinas Pengairan 3, Dinas Pertanian3, others 5, PTGA 5 = 19 people b) Kab/Mun GOI: 7 (Parliament 2, ProvGOI 3, Bappeda 3, Dinas Pengairan 3, Dinas Pertanian3, others 5, PTGA team 4, CO 21, KICF 45) = 588 people</p> <p>2) <u>Direct beneficiaries & their numbers after achievement of overall goal:</u> (similarly to above)</p> <p>3) <u>Indirect benefits:</u> a) Field examination of regional autonomy GOI reorganization x irrigation task allocation into practice b) Universities and NGO hired for Consulting Team at Kab/Mun level managing the Cos = Headquarter 3, Kab/Mun offices 7x3 = 24 people</p>
[11] Related Projects/Programs (IISP, IDTO, PTSL, SAL, Others)	<p>1) Other projects : Available to supply accurate info. To realize regional development</p>
[12] Pre-Requirements	<p>1) Reorganization and redefinition of Provincial and Kab/Mun GOIs was completed and workable, 2) Competent Consulting Agency is available to execute this program 3) COs were recruited on minimumum S1+3year-rural community experience basis 4) Priority is given to 3 DIs per Kabupaten/Municipal at maximum due to a screening criteria</p>
[13] Risks & sensitivities	
[14] Special Remarks	

Implementation Schedule : Irrigation-related GOI Attitude Change

Work Descriptions	1st Year												2nd Year											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
1 Need assessment to capacity & attitude change	■	■																						
2 Planning of Dissemination & facilitation of PPI		■	■	■	■																			
3 Production of dissemination & facilitation materials			■	■	■	■																		
4 Workshop & training for local GOI attitude change						■	■																	
5 Initiation of Kab Irrigation Coord Forum (KICF)																								
- Formation and legalization			■	■	■																			
- Guide/criteria of start-up fund to WUA				■	■																			
- Guide/procedure of application of KIIF				■	■																			
6 Training for PTGA						■	■																	
7 Recruitment and Training of COs							■	■																

- Note :
- Both of programs of Public awareness and training of WUA leaders proposed here are intending as Pilot Program before commencing nationwide activities
 - This program is to be implemented after completing "Public Awareness at GOI level & WUA level" in the first year

Supporting Information of 9 Activities of (B) Program Targets and Monitoring : Irrigation-related GOI Attitude Change

Activities	Expected result	By Farmers / WUA	By Local Govt	By Central Govt	Consulting Team	CO Managing Team ^{*)}
1 Need assessment of local Govt capacity and attitude change for PPI implementation	Prioritization and scheduling of local Govt capacity and attitude change		V		TA	
2 Formulation of local Govt Plan for Dissemination and Facilitation of PPI implementation	Local Govt's Dissemination & Facilitation Plan of PPI implementation		V		TA	
3 Material productions of Dissemination and Facilitation for PPI implementation	(1) Applicable methods and materials for Dissemination of PPI implementation (2) Applicable manuals and administration requirements for PPI implementation		V		TA	
4 Changing local Govt Officers' attitude for dissemination and facilitation of PPI implementation 4.1 Workshop on Govt Officers' attitude change 4.2 Job trainings of local Govt's Officers	(1) Formulated local Govt Officers' job description, standard performance and procedures (2) Ability of local GOI's Officer to facilitate adequately the implementation of PPI.		V		TA	
5 Initiation of Kab Irrigation Coord Forum (KICF) 5.1 Draft formulation of KICF Articles 5.2 Formation and legalization of KICF Articles 5.3 Formulation of guideline and criteria for provision of startup O&M fund to WUA 5.4 Formulation of guideline and procedure of application and disbursement of Kabupaten Irrigation Improvement Fund	Initiated and prepared KICF to undertake as well their role and responsibility	V	V		TA	
6 Training for PTGA Officers 6.1 Designing of training/refreshing syllabus 6.2 Selection of participants from Provincial PTGA and Kab/Mun PTGA Teams 6.3 Provision of Training for PTGA Officers	Ability of PTGA Officers to facilitate CO training		V		TA	
7 Recruitment and training of COs 7.1 Need analysis for COs 7.2 Planning and budgeting for CO recruitment and training 7.3 Formulation of CO minimum requirements and recruitment procedure 7.4 Advertisement and selection of COs 7.5 CO training and posting	Adequate number and quality of COs by Kabupaten and Municipal		V		TA	V

Note : . Legend of Task Owing

V : Having authority & responsibility KS : Joint operation
KM : Partnership TA : Technical Assistance

This program is to be implemented after completing "Public Awareness at GOI level & WUA level" in the first year

^{*)} acted by Univ/NGO

Table 6.4.2 Inventory of Irrigation Systems and WUAs (1)

(1) Activity No. :	INV - 1	Program Name ;	Major Irrigation Scheme Inventory Updating Program	Category of the Program
(2) Sector :	Irrigation		(3) Expected Implementation Period ;	3 years Irrigation Scheme, WUA, Others
(4) Target Area / Category	1) Estimated Total Number ;		1,800 schemes	2) Estimated Total Area ;
3) Others				
(5) Program Description				
Carry out revision of latest inventory of irrigation schemes over the country, basing on the 1993 D.I. Inventory. Present conditions of irrigation & drainage system are to be confirmed by walk-through survey. The survey is to be conducted by strong Top-Down instruction, showing incentives from the Central to provinces' govts of assistance budget for maintenance / rehabilitation. Trunk system from water source to turn-out to tertiary along secondary is to be compiled. Tertiary level is to be excluded.				
(6) Executing agencies/institutions, their roles, present conditions & required strengthening				
1) <u>Field level</u> : Hired contractors will conduct walk-through confirmation survey				
2) <u>Kabupaten government</u> Dinas Kab. Kimpraswil				
3) <u>Provincial government</u> Dinas Kimpraswil, In-Charge at province level, guide Dinas Kab Kimpraswils				
4) <u>Central government</u> In-Charge; Kimpraswil, DGNR, DINRM				
(7) Program Background				
1) <u>Current Problems to be addressed by the Program</u> : Almost all information of present condition of irr. & drainage system is not sufficient for provide accurate qty / cost estimation for maintaining the system.				
2) <u>Countermeasures already taken</u> : Any particular measures have never been taken by the central govt.				
3) <u>Significance and necessary of the Program</u> : As being requested by farmers to local governments to complete rehabilitation before handing-over, central government should up-date or guide so to provide basic reference points for sound asset management.				
4) <u>Relation between the Program and national development plan/ policies/instructions</u> : GOI is going to proceed National Water Resources Management Program developing BWMP to provide accurate references for sound regional planning in near future. The proposed program is most precious info. to make any regional planning concrete, because irri-sector is major water users in field.				
(8) Program Targets and Monitoring				
1) <u>Overall Goal</u> : To realize / complete accurate referencible inventory to identify rehab necessary parts and available to accurate cost estimate.				
2) <u>Proposed performance indicators to assess results at the target level</u> : Compiled inventory itself.				
3) <u>Output</u> : Compiled inventory itself				
4) <u>Proposed performance indicators to assess achievements at the outputs level</u> : Compiled inventory itself, including map oriented info. & drawings, not only numeric info.				
5) <u>Activities</u> : See Supporting Information				
6) <u>Assumptions</u> :				
(9) Program Inputs				
1) <u>Budget allocation plan throughout the Program period</u> Rp 74,548.92 (x 1,000,000) eq. \$6,777.27 (x 1,000) US\$1=Rp11,000				
2) <u>Staff allocation plans and technical after achievement of overall goal</u>				
3) <u>Provisional equipment/ Materials</u>				
(10) Program Benefits & Impacts				
1) <u>Direct beneficiaries & their numbers during the program implementation</u> : Private consultants (With contracts for the survey)				
2) <u>Direct beneficiaries & their numbers after achievement of overall goal</u> : Local govts (Kab. & Province)				
3) <u>Direct benefits</u> : Farmers (Available to expect originally design water allocation ; 6million), Local govt (Available to prioritize irr. Scheme & save expenditure), Urban people (Because available to buy rice)				
(11) Related Projects/Programs (BSP, IDTO, PTSL, SAL, Others)				
1) IDTO, but not related directly because high-lighting tertiary level rehabilitation.				
2) PTSL, Available to obtain latest irri/drainage sys conditions though not covering whole scheme area.				
(12) Pre-Requirements				
1) Inventory developed by Provincial govts or inventory 1993 should be existing.				
2) WUA or Farmers' union should be established				
(13) Risks & sensitivities				
1)				
(14) Special Remarks				
1)				

**Supporting Information of 3 Activities of 3 Program Targets and Monitoring :
Major Irrigation Scheme Inventory Updating Program**

Activities	By Farmers / W/UA	By Local Govt	By Central Govt	By Consultant
Phase-I : Initial Set-Up Stage				
Irrigation Scheme Identification			V, BU	
(1) Irrigation Scheme Initial Identification		I	V, BU	
(2) Present Irrigation Scheme Compilation		I	V, BU	
Phase -II : Inventory Updating / Completion Stage				
Present Condition Confirmation of Irrigation Scheme			V, BU	
(1) Present Condition Confirmation Survey	KM	KS	V, BU	I
(2) Present Condition Compilation Works			V, BU	I
(3) O&M Management Stratified Tree	KM	KS	V, BU	I

Note : Legend of Task Owing

V : Having authority & responsibility

BU: providing guidance/assistance/backup

KS : Joint operation

I : Implementor

KM : Partnership

Implementation Schedule : Major Irrigation Scheme Inventory Updating Program

Work Descriptions	1st Year												2nd Year												3rd Year																	
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12						
Phase-I : Initial Set-Up Stage	-----																																									
Irrigation Scheme Identification	-----																																									
(1) Irrigation Scheme Initial Identification	████████████████████												-----																													
(2) Present Irrigation Scheme Compilation	████████████████						██																		-----																	
Phase -II : Inventory Updating / Completion Stage	-----																																									
Present Condition Confirmation of Irrigation Scheme	-----																																									
(1) Present Condition Confirmation Survey	-----																								██																	
(2) Present Condition Compilation Works	-----																								████████████████████						████████████████████						-----					
(3) O&M Management Stratified Tree	-----																								██																	

Table 6.4.2 Inventory of Irrigation Systems and WUAs (2)

(1) Activity No. :	INV-2	Program Name ;	Small Scale Irrigation Scheme Inventory Updating Program	Category of the Program
(2) Sector :	Irrigation	(3) Expected Implementation Period ;	3 years	Irrigation Scheme, IWUA, Others
(4) Target Area / Category	1) Estimated Total Number ;	17,200 schemes	2) Estimated Total Area ;	1.31 million ha
3) Others				
(5) Program Description				
Carry out revision of the latest inventory of irrigation schemes over the country, but only for tertiary block level, basing on the 1993 D.I. Inventory. Present conditions of irrigation & drainage system in tertiary level are to be confirmed by walk-through survey, by IWUA members. The survey is to be conducted by farmers applying participatory approach, showing rehabilitation schemes as their incentives, also available add other incentives if any. Trunk system from water source to turn-out to tertiary along secondary is to be excluded. Including a whole irrigation scheme less than 500ha or so might be alternative.				
(6) Executing agencies/institutions, their roles, present conditions & required strengthening				
1) <u>Field level</u> : IWUA or farmers' group will provide with fulfilling the specified forms				
2) <u>Kabupaten government</u> : Dinas Kab. Kimpasawai				
3) <u>Provincial government</u> : Dinas Kimpasawai, In-Charge at province level, guide Dinas Kab Kimpasawai				
4) <u>Central government</u> : In-Charge; Kimpasawai, DGNR, DWRM				
(7) Program Background				
1) <u>Current Problems to be addressed by the Program</u> : Almost all information of present condition of ir. & drainage system is not sufficient for providing accurate qty / cost estimation for maintaining the system.				
2) <u>Countermeasures already taken</u> : Any particular measures have never been taken by the central govt, but by provincial govt for up-dating..				
3) <u>Significance and necessary of the Program</u> : According to new regulation all of O&M irrigation schemes are to be handled by farmers, but the administration side can not show latest information as in-charge of national asset. Farmers are insisting to complete maintenance of ir. & drainage sys as designed originally. Such inventory can be a precious evidence to keep transparency and fairness to recover the trust to administration.				
4) <u>Relation between the Program and national development plan/policies/instructions</u> : GOI is going to proceed National Water Resources Management Program developing BWMP to provide accurate references for sound regional planning in near future. The proposed program is most precious info. to make any regional planning concrete, because iri-sector is major water users in field.				
(8) Program Targets and Monitoring				
1) <u>Overall Goal</u> : To realize / complete accurate referencible inventory to identify reha necessary parts and available to accurate cost estimate.				
2) <u>Proposed performance indicators to assess results at the target level</u> : Compiled inventory itself.				
3) <u>Output</u> : Compiled inventory itself				
4) <u>Proposed performance indicators to assess achievements at the outputs level</u> : Compiled inventory itself, including map oriented info. & drawings, not only numeric info.				
5) <u>Activities</u> : See Supporting Information				
6) <u>Assumptions</u> :				
(9) Program Inputs				
1) <u>Budget allocation plan throughout the Program period</u> Rp 54,514.16 (x 1,000,000) eq. \$4,955.83 (x 1,000) US\$1=Rp11,000				
2) <u>Staff allocation plans and technical after achievement of overall goal</u>				
3) <u>Provisional equipment/ Materials</u>				
(10) Program Benefits & Impacts				
1) <u>Direct beneficiaries & their numbers during the program implementation</u> : Farmers groups (or IWUA) with receiving initial reha by govt.				
2) <u>Direct beneficiaries & their numbers after achievement of overall goal</u> : Local govts (Kab. & Province), farmers provided the inventory				
3) <u>Indirect benefits</u> : Farmers (Available to expect originally design water allocation ; 8million), Local govt (Available to prioritize iri. Scheme & save expenditure), Urban people (Because to buy rice stable)				
(11) Related Projects/Programs (IISP, IDTO, PTSL, SAL, Others)				
1) IDTO, directly being related, but not covering majority of tertiary blocks				
2) PTSL, Available to obtain latest iri/drainage sys conditions through not covering whole scheme area.				
3) FMI, ADB assisted scheme aiming to maintain small scale irrigation schemes nominated by provincial govts every year. But no info of whole small schemes.				
(12) Pre-Requirements				
1) Inventory developed by Provincial govts or Inventory 1993 should be existing.				
2) IWUA or Farmers' union should be established				
(13) Risks & sensitivities				
1)				
(14) Special Remarks				
1)				

**Supporting Information of 3 Activities of 3 Program Targets and Monitoring :
Small Scale Irrigation Scheme Inventory Updating Program**

Activities	By Farmers / WUA	By Local Govt	By Central Govt	By Consultant
Phase-1 : Initial Set-Up Stage				
Irrigation Scheme Identification			V	
(1) Irrigation Scheme Initial Identification		I	V, BU	
(2) Present Irrigation Scheme Compilation		I	V, BU	
Phase-2 : Inventory Updating / Completion Stage				
Present Condition Confirmation of Irrigation Scheme			V, BU	
(1) Present Condition Confirmation Survey	I	KS	V, BU	
(2) Present Condition Compilation Works		I	V, BU	
(3) O&M Management Stratified Tree		KS	V, BU	I

Note : Legend of Task Owing

V : Having authority & responsibility

BU: providing guidance/assistance/backup

KS : Joint operation

I : Implementor

KM : Partnership

Implementation Schedule : Small Scale Irrigation Scheme Inventory Updating Program

Work Descriptions	1st Year												2nd Year												3rd Year											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
Phase-1 : Initial Set Up Stage	-----																																			
Irrigation Scheme Identification	-----																																			
(1) Irrigation Scheme Initial Identification	████████████████████												-----																							
(2) Present Irrigation Scheme Compilation	-----						████████████████████						-----																							
Phase-2 : Inventory Updating / Completion Stage	-----																																			
Present Condition Confirmation of Irrigation Scheme	-----																																			
(1) Present Condition Confirmation Survey	-----												████████████████████												-----											
(2) Present Condition Compilation Works	-----												████████████████████						-----																	
(3) O&M Management Stratified Tree	-----																								████████████████████											

Table 6.4.2 Inventory of Irrigation Systems and WUAs (3)

(1) Activity No. :	INV-3	Program Name ;	Water Resources Related National Asset Database Installation Program	Category of the Program
(2) Sector :	Irrigation	(3) Expected Implementation Period ;	2 years	Irrigation Scheme, WUA, Others
(4) Target Area / Category	1) Estimated Total Number ;	19,000 schemes	2) Estimated Total Area ;	4.01 million ha
	3) Others			
(5) Program Description				
Carry out installation of computer aided database of water resources related national asset, consisted both numeric and map/ drawing oriented information, available for updating anytime. One complete system is to be installed in the central with data supplied from provincial governments, then complete same system is to be installed at provincial dinas. Kinpraswil for maintaining uniformity. All of results to be provided through Inr. & Drainage Inventory Programs are to be inputted into the system.				
(6) Executing agencies/institutions, their roles, present conditions & required strengthening				
1) <u>Field level</u> : Not to involve directly				
2) <u>Kabupaten government</u> : Dinas Kab. Kinpraswil				
3) <u>Provincial government</u> : Dinas Kinpraswil, In-Charge at province level, guide Dinas Kab Kinpraswils				
4) <u>Central government</u> : In-Charge; Kinpraswil, DGWR, DWRM				
(7) Program Background				
1) <u>Current Problems to be addressed by the Program</u> : 1) No referencible information for national asset management. 2) Understanding of economy based maintenance phythology is exactly lack in any fields. 3) Urgently should set effective info to meet with decentralization and watershed management.				
2) <u>Countermeasures already taken</u> : Nothing in particular				
3) <u>Significance and necessary of the Program</u> : Maintenance minds for any aspects are lack. Urgently should set effective info to meet with decentralization and watershed management. Also as sorting tool to select resource staffs in govt offices				
4) <u>Relation between the Program and national development plan/policies/strategies</u> : Available to compile provided inr. & drainage sys inventory in same format. National asset management is to be cash-oriented. Decentralization & watershed management can be more concrete/ realistic. Available to supply accurate info. for decision making for local investment.				
(8) Program Targets and Monitoring				
1) <u>Overall Goal</u> : To obtain accessible / revisable database to supply accurate info for national asset management.				
2) <u>Proposed performance indicators to assess results at the target level</u> : At both central & provincial level available to obtain accurate info.				
3) <u>Output</u> : Compiled inventory itself				
4) <u>Proposed performance indicators to assess achievements at the outputs level</u> : At both central & provincial level available to obtain accurate info.				
5) <u>Activities</u> : See Supporting Information				
6) <u>Assumptions</u> :				
(9) Program Inputs				
1) <u>Budget allocation plan throughout the Program period</u> Rp 2,213.62 (x 1,000,000) eq. \$201.24 (x 1,000) US\$1=Rp11,000				
2) <u>Staff allocation plans and technical after achievement of overall goal</u>				
3) <u>Provisional equipment/ Materials</u>				
(10) Program Benefits & Impacts				
1) <u>Direct beneficiaries & their numbers during the program implementation</u> : System supplier & system provider				
2) <u>Direct beneficiaries & their numbers after achievement of overall goal</u> : Farmers (or WUA) with receiving prompt services from govt. Local tax payer to congress govt's administration cost				
3) <u>Indirect benefits</u> : Local residents (rationalize govt's expenditure with sorting staffs.)				
(11) Related Projects/Programs (ISP, IDTO, PTSL, SAL, Others)				
1) Other projects : Available to supply accurate info. To realize regional development				
(12) Pre-Requirements				
1) Inventory developed by Provincial govt's or Inventory 1993 should be existing.				
2) WUA or Farmers' union should be established				
3) Provision of resource govt staff to operate sys.				
4) Sufficient fund to install sys and to maintain sys.				
(13) Risks & sensitivities				
1)				
(14) Special Remarks				
1) Program is to be commenced at 75% progress of both Inr. & drainage inventory programs and the system installation is to be adapted for more 80% progress provinces.				

**Supporting Information of Activities of Program Targets and Monitoring :
Water Resources Related National Asset Database Installation Program**

Activities	By Farmers / WUA	By Local Govt	By Central Govt	By Consultant
Phase-1 : Initial Set-Up Stage				
Irrigation Scheme Identification			V	
(1) System Logic Establishment				I
(2) Data Compilation Work		KS		I
Phase-2 : Database Transplant Stage				
Database transplant to provincial level		KS	V	I

Note : Legend of Task Owing

V : Having authority & responsibility

BU: providing guidance/assistance/backup

KS : Joint operation

I : Implementor

KM : Partnership

Implementation Schedule :

Water Resources Related National Asset Database Installation Program

Work Descriptions	1st Year												2nd Year											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
Phase-1 : Initial Set-Up Stage	[Hatched bar]																							
Irrigation Scheme Identification	[Hatched bar]																							
(1) System Logic Establishment	[Solid black bar]																							
(2) Data Compilation Work	[Solid black bar]																							
Phase-2 : Database Transplant Stage	[Hatched bar]																							
Database transplant to provincial level	[Solid black bar]																							

Note :

The program should be commenced after achieving certain progresses of the facility inventory program, minimum 80% or so to ensure the effective work intensity.

Table 6.4.2 Inventory of Irrigation Systems and WUAs (4)

(1) Activity No. :	INV - 4	Program Name ;	WUA Inventory Provision Program	Category of the Program
(2) Sector :	Irrigation	(3) Expected Implementation Period ;	2.5 years	Irrigation-Scheme, WUA, Others
(4) Target Area / Category	1) Estimated Total Number ;		2) Estimated Total Area ;	4.01 million ha
3) Others				
(5) Program Description				
Program aims to let WUA / farmers group fulfill WUA inventory. Carry out the program by utilize present administration channels referring to the results of the JICA assisted study to complete WUA inventory, including WUA potential areas. As preconditions to conduct the program, GOI should have made progresses of D.I. Inventory and initiation of measures as incentives to let farmers involve.				
(6) Executing agencies/institutions, their roles, present conditions & required strengthening				
1) <u>Field level</u> :				
2) <u>Kabupaten government</u> : Dinas Kab. Kimprowil				
3) <u>Provincial government</u> : Dinas Kimprowil, In-Charge at province level, guide Dinas Kab Kimprowils				
4) <u>Central government</u> : In-Charge; Kimprowil, DGRW, DMRM				
(7) Program Background				
1) <u>Current Problems to be addressed by the Program</u> : 1) Policy has not been operated by purpose sense. Hence nobody know the progress and targets. 2) Farmers hardly understand benefit principle, so less willingness to involve 3) Govts has no way to know present conditions of farmers directly.				
2) <u>Countermeasures already taken</u> : JICA WUA Study has been conducted as fact found measures				
3) <u>Significance and necessary of the Program</u> : 1) Necessary to provide inventory to clarify concrete target to make progress of WUA establishment / strengthening. 2) Necessary as provision of concrete preparation for proceeding O&M turn-over policy.				
4) <u>Relation between the Program and national development plan/policies/instructions</u> : 1) Deeply related with decentralization policy, 2) also with watershed management policy due to dominant water user 3) Related with sustainable / stable crop production from view point of national food security 4) Participation of WUA / farmers to provide the inventory is a measure to boost democratization movement through socialization				
(8) Program Targets and Monitoring				
1) <u>Overall Goal</u> : 1) To realize activated farmers institution under the benefit principle				
2) <u>Proposed performance indicators to assess results at the target level</u> : Increment of irrigated crops in existing scheme areas				
3) <u>Output</u> : Compiled WUA inventory itself				
4) <u>Proposed performance indicators to assess achievements at the outputs level</u> : At both central & provincial level available to obtained accurate WUA present info. & to set target for next WUA establishment / strengthening.				
5) <u>Activities</u> : See Supporting Information				
6) <u>Assumptions</u> :				
(9) Program Inputs				
1) <u>Budget allocation along throughout the Program period</u> Rp 2,213.62 (x 1,000,000) eq. \$201.24 (x 1,000) US\$1=Rp11,000				
2) <u>Staff allocation plans and technical after achievement of overall goal</u>				
3) <u>Provisional equipment/ Materials</u>				
(10) Program Benefits & Impacts				
1) <u>Direct beneficiaries & their numbers during the program implementation</u> : Central & Local govts, because to obtain accurate info.				
2) <u>Direct beneficiaries & their numbers after achievement of overall goal</u> : Farmers (or WUA) with receiving prompt services from govts. Central & Local govts because of sufficient info to set prioritization for WUA development & rehab schemes				
3) <u>Indirect benefits</u> : Local residents (Stable crop supply)				
(11) Related Projects/Programs (IISP, IDTO, PTSL, SAL, Others)				
1) IDTO : More smooth to make progresses for implementation, because already being completed initial socialization				
2) PTSL : Available to ensure more sustainable O&M after the scheme implementation				
3) Other projects : Available to proceed plans / schemes with more concrete O&M institutions than previous				
(12) Pre-Requirements				
1) Iri & drainage scheme Inventory should be progressed by certain level (say 75% or so) to identify WUA (WUA potential) area				
2) Central govt should have completed to set cash-oriented detailed rule of O&M demarcation in between beneficiaries				
3) Socialization should be already progressed on the benefit principle among farmers				
4) Rationalization of local government sys is to be publicized and being aware by farmers at certain level, to recover the trust				
5) Already being set specified schemes as incentive for farmers to involve, that is, iri & drainage rehab program.				
6) Government should have provided alternatives for cost demarcation between WUA and govt before				
(13) Risks & sensitivities				
1)				
(14) Special Remarks				
1) Necessary to conduct the program from view point to introduce " Competitive Concept to meet with Free Market sys" into both govt & farmers' sides.				

**Supporting Information of 3) Activities of 3) Program Targets and Monitoring :
WUA Inventory Provision Program**

Activities	By Farmers / WUA	By Local Govt	By Central Govt	By Consultant
Phase-1 : Initial Set-Up Stage				
Identification of WUA Blocks by Each Irrigation Schems			V, BU	
(1) WUA Block Identification		I	V	I
(2) Compilation of Initial WUA Identification List		KS		I
Socialization for Program Implementation		KS	V	I
(1) Socialization for Local Governments	KS	KS	V	
(2) Socialization for Existing WUA & Farmers in WUA potential blocks	KS	KS	V	
(3) Installation of WUA Database by Kabupaten		KS		I
Phase-2 : Field Survey & Database Compilation Stage				
(1) Field Survey			V	I
(2) Data Compilation Works				I
(3) Final Checking		KS		

Note : Legend of Task Owing

V : Having authority & responsibility

BU: providing guidance/assistance/backup

KS : Joint operation

I : Implementor

KM : Partnership

Implementation Schedule : WUA Inventory Provision Program

Work Descriptions	1st Year												2nd Year												3rd Year											
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6						
Phase-1 : Initial Set-Up Stage	//////																																			
1.1 Identification of WUA Blocks by Each Irrigation Schems																																				
(1) WUA Block Identification	■																																			
(2) Compilation of Initial WUA Identification List	■		■																																	
1.2 Socialization for Program Implementation																																				
(1) Socialization for Local Governments	■		■																																	
(2) Socialization for Existing WUA & Farmers in WUA potential blocks	■		■																																	
(3) Installation of WUA Database by Kabupaten	■		■																																	
Phase-2 : Field Survey & Database Compilation Stage	//////																																			
(1) Field Survey	■																																			
(2) Data Compilation Works	■																																			
(3) Final Checking																															■					

Table 6.4.2 Inventory of Irrigation Systems and WUAs (5)

(1) Activity No. :	INV - 5	Program Name ;	Irrigation System Assessment Program	Category of the Program
(2) Sector :	Irrigation		(3) Expected Implementation Period ;	2.5 years
(4) Target Area / Category	1) Estimated Total Number ;		2) Estimated Total Area ;	
3) Others				
(5) Program Description				
Carry out the program for irrigation & drainage system over 1,000ha scale schemes over the country, to assess the present physical conditions, O&M measures, farmers involvements, to obtain reference points for required funds of govt responsibility. Examining appropriate rule of cost demarcation among Kabupaten is also one of tasks to enhance decentralization policy and watershed management concept. After conducting pilot study at several provinces, country wise study is to be conducted.				
(6) Executing agencies/institutions, their roles, present conditions & required strengthening				
1) <u>Field level</u> :				
2) <u>Kabupaten government</u> Kab. Govts should owe support to conduct the survey				
3) <u>Provincial government</u> Respective provincial Govts should owe all of responsibilities at province level				
4) <u>Central government</u> KEMPROW is to be in charge for the program implementation				
(7) Program Background				
1) <u>Current Problems to be addressed by the Program</u> : 1) No referencible information for managig rehabilitate irri. & drainage sys. 2) Hence O&M turn-over policy has not been realized, because of being not cash-oriented discussion, 3) Also no sufficient info to set prioritization for both physical rehab & making progresses of WUA establishment. 3) Urgently should set effective info to meet with decentralization and watershed management.				
2) <u>Countermeasures already taken</u> : Prov govt been updating but not sufficient for Need Base planning				
3) <u>Significance and necessary of the Program</u> : 1) To provide references to know necessary fund for irri. & drainage rehab as need base 2) To provide sufficient references to make concrete / realistic O&M turnover for co-sharing the cost 3) To be available to prioritize to set target scheme rehab and WUA organizing / strengthening 4) To contribute referencial rule of cost demarcation among Kab govts for a certain scheme.				
4) <u>Relation between the Program and national development plan/ policies/instructions</u> : 1) Available to make more concrete plan to manage cost intensive issue for local govts 2) To supply sufficient info to proceed watershed management as dominant water users in local area.				
(8) Program Targets and Monitoring				
1) <u>Overall Goal</u> : To conduct smooth decentralization/ watershed management basing on sufficient info.				
2) <u>Proposed performance indicators to assess results at the target level</u> : 1) Available to estimate need base rehab cost by province 2) Also to set cost demarcation among Kab govts.				
3) <u>Output</u> : Compiled inventory itself				
4) <u>Proposed performance indicators to assess achievements at the outputs level</u> : 1) Available to predict budget disbursement schedule for coming several years to rehab irri & drainage				
5) <u>Activities</u> : See Supporting Information				
6) <u>Assumptions</u> :				
(9) Program Inputs				
1) <u>Budget allocation plan throughout the Program period</u> (x 1,000,000) eq. (x 1,000) US\$1=Rp11,000				
2) <u>Staff allocation plans and technical after achievement of overall goal</u>				
3) <u>Provisional equipment/ Materials</u>				
(10) Program Benefits & Impacts				
1) <u>Direct beneficiaries & their numbers during the program implementation</u> : 1) Both Central & Provincial Govts to obtain need base cost for the cost intensive issue , with referencible info to conduct cost allocation				
2) <u>Direct beneficiaries & their numbers after achievement of overall goal</u> : 1) Both of govt and farmers sides available to set concrete budgetary plan for future and to obtain sound management				
3) <u>Indirect benefits</u> : Available to contribute to realize more concrete and realistic planning at occasion of decentralization				
(11) Related Projects/Programs (IISP, IDTO, PTSL, SAL, Others)				
1) <u>Other projects</u> : Available to supply accurate info. To realize regional development				
(12) Pre-Requirements				
1) irri & drainage inventory Survey should be progressed by 75% at provincial level				
2) Socialization of task allocation of Kab govt, WUA already progressed				
(13) Risks & sensitivities				
(14) Special Remarks				

**Supporting Information of 3 Activities of 3 Program Targets and Monitoring :
Irrigation System Assessment Program**

Activities	By Farmers / WUA	By Local Govt	By Central Govt	By Consultant
Objectives Confirmation		KS	V, BU	KM
Selection of sites as pilot survey in provinces	KM	KS	V, BU	I
Detailed facility evaluation & set rehab level.		KS	V, BU	I
Set alternatives for rehab / modification of sys.	KM	KS	V, BU	I
Cost estimate for rehab / modification of iri sys		KS	V, BU	I
Exam Cost demarcation rule among WUA & govt	KM	KS	V, BU	I
Exam Cost allocation rule among Kabs		KS	V, BU	I
Proposing rules to adjust limited water in basin	KM	KS	V, BU	I
Finalization of Program			V, BU	I

Note : Legend of Task Owing

V : Having authority & responsibility

BU: providing guidance/assistance/backup

KS : Joint operation

I : Implementor

KM : Partnership

Implementation Schedule : Irrigation System Assessment Program

Work Descriptions	1st Year												2nd Year												3rd Year					
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6
Objectives Confirmation	■	■																												
Selection of sites as pilot survey in provinces	■	■	■	■	■																									
Detailed facility evaluation & set rehab level.		■	■	■	■	■	■	■	■	■	■	■																		
Set alternatives for rehab / modification of sys.								■	■	■	■	■																		
Cost estimate for rehab / modification of iri sys													■	■	■	■	■	■	■	■	■	■	■	■						
Exam Cost demarcation rule among WUA & govt																					■	■	■	■						
Exam Cost allocation rule among Kabs																						■	■	■						
Proposing rules to adjust limited water in basin																						■	■	■	■	■	■	■	■	■
Finalization of Program																														

Note :

Time intensive work to complete whole requirements over the country. Hence the above schedule of the program is just for pilot scheme within limited provinces.

The First step is assumed 5 provinces applied for the JICA WUA Study.

The program is recommended to commence after realizing certain progresses of Inventorizing irrigation schemes and WUA, at least 60% to ensure farmers' involvement and utilization of sufficient information for the assessment.

The program after the first step can be conducted under certain prioritization criteria in provinces.

Table 6.4.2 Inventory of Irrigation Systems and WUAs (6)

(1) Activity No. :	INV - \$	Program Name ;	Irrigation Scheme Rehabilitation Proposal Competition Program	Category of the Program
(2) Sector :	Irrigation	1	Annual	Irrigation Scheme, IWUA, Others
(4) Target Area / Category	1) Estimated Total Number ;		2) Estimated Total Area ;	
3) Others				
(5) Program Description				
<p>Program aims to let IWUA / farmers group involve for actual O&M planning by secondary canal wise, while let them compete IWUA establishment over the country. Every year Kab. gov't level invite rehab proposal at secondary canal level IWUA to appraise submitted proposal in open competition. Awarded proposal & names of officers assisted are to be informed to public later, while implementing the rehab. works as proposed.</p>				
(6) Executing agencies/institutions, their roles, present conditions & required strengthening				
<p>1) <u>Field level</u> : Farmers should register IWUA at secondary canal level and make accurate proposal of rehab plan, including post project O&M plan, while getting assistance from local administration every year to participate to nation wide proposal competition.</p> <p>2) <u>Kabupaten government</u> : While assisting / encouraging farmers to establish IWUA & providing rehab proposals, select / award / announce IWUA and assisted officers into public.</p> <p>3) <u>Provincial government</u> : Same involvement but provincial level. Provincial gov't should adjust selection in open and convey to the central</p> <p>4) <u>Central government</u> : Same involvement but national level and owe responsibility to prepare sufficient fund to implement rehab. Works for the awarded plans. Disbursement is to be monitored by the respective IWUA.</p>				
(7) Program Background				
<p>1) <u>Current Problems to be addressed by the Program</u> : 1) Present rehab schemes are handled by gov't, not participating beneficiaries. Hence never been modified most serious issue, participation and generating willingness of involvement 2) Also after rehab being completed, O&M is left under willingness less condition 3) Both farmers and local gov'ts can not change their mind to try to renovate by themselves, just wanting / waiting for assistances.</p> <p>2) <u>Countermeasures already taken</u> : Nothing in particular</p> <p>3) <u>Significance and necessary of the Program</u> : 1) Appraisal through competitive procedure can be expected to introduce Self-Help minds into both farmers & local officers 2) Eligibility to participate in the program can be expected to enhance establishing IWUA at secondary canal level, which has been left without any purpose sense on both sides.</p> <p>4) <u>Relation between the Program and national development plan/policies/strategies</u> : 1) GOI has been seeking IWUA establishing program but little progress by now. The Program can be expected to enhance it 2) Participatory / democratization is being advocated but not showing concrete measures. Available to contribute to that.</p>				
(8) Program Targets and Monitoring				
<p>1) <u>Overall Goal</u> : To realize activated IWUA, settled organization and joint operation</p> <p>2) <u>Proposed performance indicators to assess results at the target level</u> : Annually rehab schemes will be going on through participatory approach</p> <p>3) <u>Output</u> : Rehab schemes are to be implemented annually.</p> <p>4) <u>Proposed performance indicators to assess achievements at the outputs level</u> : Increasing participatory IWUA every year. Also registered IWUA will be increased.</p> <p>5) <u>Activities</u> : See Supporting Information</p> <p>5) <u>Assumptions</u> :</p>				
(9) Program Inputs				
<p>1) <u>Budget allocation also throughout the Program period</u> : Not prepare special budget for conducting this program. Managed within annual general budget.</p> <p>2) <u>Staff allocation plans and technical after achievement of overall goal</u> : Nothing in particular</p> <p>3) <u>Provisional equipment/ Materials</u> : Nothing in particular</p>				
(10) Program Benefits & Impacts				
<p>1) <u>Direct beneficiaries & their numbers during the program implementation</u> : Local & Central Gov't</p> <p>2) <u>Direct beneficiaries & their numbers after achievement of overall goal</u> : Stable increment of registered IWUA and rehabilitated irri schemes.</p> <p>3) <u>Indirect benefits</u> :</p>				
(11) Related Projects/Programs (IIS, IDTO, PTSL, SAL, Others)				
<p>1) PTSL : Seems to be applied as fund source for implementation</p>				
(12) Pre-Requirements				
<p>1) Central gov't should ensure sufficient fund source to implement rehab works basing on proposals to be awarded</p> <p>2) Eligible participatory IWUA should be IWUA at secondary level already registered in ahead.</p> <p>3) Central gov't should have completed detailed task allocation for O&M before conducting the scheme</p> <p>4) Gov't shall set up sufficient preparation to confirm the contents of proposal also to announce the results to public.</p>				
(13) Risks & sensitivities				
1)				
(14) Special Remarks				
1)				

**Supporting Information of 3 Activities of 3 Program Targets and Monitoring :
Irrigation Scheme Rehabilitation Proposal Competition Program**

Activities	By Farmers / WUA	By Local Govt	By Central Govt	By Consultant
Public Announcement of the Scheme			V, BU, I	
Kab-level Proposal Competition & Awarding		KS, BU	V	
Provincial-level Proposal Competition & Awarding		KS, BU	V	
National-level Proposal Competition & Awarding		KS, BU	V, KS, BU	
Appraising nominated rehab. Proposal			V, KS, BU	
Preparation to sum-up all rehab. Plan & fund prepa			V, KS, BU	

Note : Legend of Task Owning

V : Having authority & responsibility

BU: providing guidance/assistance/backup

KS : Joint operation

I : Implementor

KM : Partnership

This program is intended as annual program to encourage farmers to involve O&M & Rhab planning.

Proposal provided by farmers are assumed being prepared already before the annual program

All of results of evaluation are to be announced at each level with name of WUA and officers who assisted the work

Eligible participants shall be "Registered WUA at Secondary canal level" only.

Government shall owe responsibility to implement rehab works concretely.

All of progresses of rehab implemetation shall be monitored by both WUA and local government jointly

**Implementation Schedule : Irrigation Scheme Rehabilitation
Proposal Competition Program**

Work Descriptions	1st Year											
	1	2	3	4	5	6	7	8	9	10	11	12
Public Announcement of the Scheme	■											
Kab-level Proposal Competition & Awarding	■	■	■									
Provincial-level Proposal Competition & Awarding			■	■	■							
National-level Proposal Competition & Awarding					■	■	■	■				
Appraising nominated rehab. Proposal									■	■	■	
Preparation to sum-up all rehab. Plan & fund prepa											■	■

Note :

This program is intended as annual program to encourage farmers to involve O&M & Rhab planning.

Proposal provided by farmers are assumed being prepared already before the annual program

All of results of evaluation are to be announced at each level with name of WUA and officers who assisted the work

Eligible participants shall be "Registered WUA at Secondary canal level" only.

Government shall owe responsibility to implement rehab works concretely.

All of progresses of rehab implemetation shall be monitored by both WUA and local government jointly

Table 6.5.1 Public Awareness and Capacity Building at WUA level

(1) Activity No. :		Program Name ;	Public Awareness and Capacity Building at WUA level	Category of the Program
(2) Sector :	Water Resources	(3) Expected Implementation Period ;	2 years	Irrigation Scheme, WUA, Others
(4) Target Area / Category	1) Estimated Total Number ;	2) Estimated Total Area ;		
	3) Others			
(5) Program Description	Carry out public awareness of necessity of the benefit principle while encouraging farmers to empower their capabilities to set up foundation to step up WUA policy as a part of integral part of any WUA empowerment program.			
(6) Executing agencies/institutions, their roles, present conditions & required strengthening	1) <u>Field level</u> ; 2) <u>Kabupaten government</u> ; Kabupaten Dinas Kimpraswil, Bappeda 3) <u>Provincial government</u> ; Dinas Kimpraswil, Provincial Bappeda 4) <u>Central government</u> ; Kimpraswil, D.GWR.			
(7) Program Background	1) <u>Current Problems to be addressed by the Program</u> : Many farmers are unaware of, or are misinformed of current Gov't WUA policies & irrigation system turnover. Many farmers understand that irrigation supply is a virtually free gift from Govt and one for which they have little responsibility or over which they have little authority. 2) <u>Countermeasures already taken</u> : Already having poured so many programs through top-down system last more than 20 years, achievement is still quite low. 3) <u>Significance and necessary of the Program</u> : What basic principles have been established, to some extent the policies are still being developed & the public awareness program will need to keep astride of the emerging policies. The intention is that farmers will understand that they can no longer expect to receive water at little or no cost, and that they will accept the routine financial & management responsibility for the OSM within specified section. 4) <u>Relation between the Program and national development plan/policies/instructions</u> : GOI has been trying to complete policy framework through WATSAL program to emerge from the present. The proposed program here will owe function to realize concrete foundation to proceed WUA policies to enhance turnover irrigation OSM.			
(8) Program Targets and Monitoring	1) <u>Overall Goal</u> : To be realize irrigation OSM turnover as intended through conducting measures which are to be set basing on well understood conditions by farmers realized by this program. 2) <u>Proposed performance indicators to assess results at the target level</u> : Increment of number of activated WUA over the country. 3) <u>Output</u> : Majority of farmers understands / accepts WUA policies. 4) <u>Proposed performance indicators to assess achievements at the outputs level</u> : Number of newly established WUA. 5) <u>Activities</u> : See Supporting Information 5) <u>Assumptions</u> :			
(9) Program Inputs	1) <u>Budget allocation plan throughout the Program period</u> (x 1,000,000) eq. (x 1,000) US\$1=Rp11,000 2) <u>Staff allocation plans and technical after achievement of overall goal</u> 3) <u>Provisional equipment/ Materials</u>			
(10) Program Benefits & Impacts	1) <u>Direct beneficiaries & their numbers during the program implementation</u> : GOI 2) <u>Direct beneficiaries & their numbers after achievement of overall goal</u> : Farmers (Because they will be able to utilize channels to sell crops and increase income while receiving any programs to be set by GOI to activated economic condition) 3) <u>Indirect benefits</u> : The people (Due to stable crop supply, sound rural environment and well functioned society)			
(11) Related Projects / Programs (IISP, IDTO, PTSL, SPL, Others)	1) IDTO : Public awareness and capacity building have been conducted in sites.			
(12) Pre-Requirements	1) Agreement would have been reached on the content of the main message being delivered. 2) Specific DI within a particular Kabupaten would have been selected, on the basis of some rational selection criteria. 3) Government staff, at Kabupaten & at lower levels, would have been suitably informed & trained 4) A Kabupaten irrigation Co-ordination Forum would have been formed 5) A CO would probably have been recruited & trained, the survey methodology, the services which Govt could provide & the staff concerned. 6) Contact would have been made with non-Govt agencies who would might be of assistance 7) Funds have been earmarked to cover the cost of implementing the activity, & any subsequent activities which would ensue, should the initial approach prove to be successful			

To Be Continued

Continued

(13) Risks & sensitivities
1) No guarantee of success in terms of farmers accepting the message which would be given under this program. 2) Govt staffs may not appreciate to lose their opportunities of benefit from handling O&M & project development funds.
(14) Special Remarks
1)

Supporting Information of 3) Activities of 3) Program Targets and Monitoring :
Public Awareness and Capacity Building at WUA level

Activities	By Farmers / WUA	By Local Govt	By Central Govt	By Consultant
Reg. Public Awareness			V, BU	
Training local govt staffs		I	BU	
Select / prioritise target WUA		I	BU	
Public awareness at field		I	BU	
Reg. Capacity Building			V, BU	
Training local govt staffs		I	BU	
Initializing capacity building procedure	KM	I	BU	
Problem finding / measure setting	KS	KS	BU	
Developing measures into detailed programs	KS	KS	BU	
Implementation	KS	KS	BU	
Monitoring & Evaluation	KS	KS	BU	

Note : Legend of Task Owing

V : Having authority & responsibility

BU: providing guidance/assistance/backup

KS : Joint operation

I : Implementor

KM : Partnership

Govt should have completed WUA (potential) identification before commencing the program

Public awareness itself will take few months, while the Capacity building will extend for longer, depending on the requirements & capabilities of target group.

Implementation Schedule : Public Awareness and Capacity Building at WUA level

Work Descriptions	1st Year	2nd Year
Reg. Public Awareness		
Training local govt staffs		
Select / prioritise target WUA		
Public awareness at field		
Reg. Capacity Building		
Training local govt staffs		
Initializing capacity building procedure		
Problem finding / measure setting		
Developing measures into detailed programs		
Implementation		
Monitoring & Evaluation		

Note : Govt should have completed WUA (potential) identification before commencing the program

Public awareness itself will take few months, while the Capacity building will extend for longer, depending on the requirements & capabilities of target group.

Time requirement is assumed 2 years for permeate effects of the program at one place tentatively.