PDM and Evaluation Grids

Thailand

PDM

Evaluation Grids

Kamphaeng Saen Inigated Agriculture Development Project in the Mae Klong River Basin (81.2 – 82.2)

Mae Kuang Inigated Agriculture Development Project (84.9 – 86.3)

Sakae Krang River Basin Inigation Project (87.9 – 88.9)

Water Management System and Monitoring Plan in the Chao Phya River Basin (87.1 – 89.3)

Philippines

PDM

Evaluation Grids

Ilocos Norte Imigation Project (78.8 – 80.12)

Mabini Agricultural Development Project (81.9 – 82.3)

Improvement Project of the Operation & Maintenance of National Imigation Systems

(AMRIS, 18 Districts) (82.9 – 84.2)

Improvement Project of the Operation & Maintenance of National Irrigation Systems (UPRHS) (82.9 – 84.2) Improvement Project of the Operation & Maintenance of Magat River Integrated Inigation (86.2 – 87.3)

Project Design Matrix Title: Study of the Kamphaeng Saen Irrigated Agriculture Development Project in the Mae Klong River Basin (F/S)

und post Qualitative and quantitative data of effects after anical Qualitative data to confirm facts (Chairmine data to confirm facts (Ch				
Qualitative and quantitative data of effects after 2) Collection of statistical materials (RID headquarters, regional offices, and offices, and intervieves Qualitative data to confirm facts Distribution of questionnaire sheets, and intervieves Distribution of questionnaire sheets, and intervieves 1) Review of the final reports 2) Distribution of questionnaire sheets, and intervieves 1) Chalitative data to confirm facts 2) Distribution of questionnaire sheets, and intervieves 1) Chalitative data to confirm facts 2) Distribution of questionnaire sheets, and intervieves 2) Indicators to measure the degree of technology reports compiled by WB and JICA and other organizations transfer 2) Indicators to measure the degree of technology reports compiled by WB and JICA and other organizations (appeared of technology reports compiled by WB and JICA and other organizations (appeared of technology factors or trained of technology factors or trained (appeared of technology factors or trained of the methors of the famphaeng Sten district.	Narrative summary	Indicators	Weans of verification	4 1
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Qualitative data to confirm faces 1) Review of the final reports 2) Distribution of questionnaire sheets, and interviews 1) Qualitative data to confirm facts 2) Indicators to measure the degree of technology reports compiled by WB and JICA and other organizations transfer Lipats (Japanese team) 1) Dispatch of experts: Ten experts 2) Holding of serminars (Thai team) 2) Holding of serminars (Thai team) 1) CP: 22 sauff members of RID and other relevant organizations 2) Establishment of temporary office to conduct studies in the Kamphaeng Saen district.	oak 1 (Preparation Stage) to Thai government conducts practical expansions for implementation of the ojects covered by F/S.	Qualitative data to confirm facts	Distribution of questionnaire sheets, and interviews	 The Thai government secures the budget necessary to implement the project. RID and other relevant organizations are sufficiently capable of implementing the project. There are sufficient needs among local farmers.
1) Qualitative data to confirm facts 2) Indicators to measure the degree of technology reports compiled by WB and JICA and other organizations 2) Distribution of questionnaire sheets, and interviews 2) Distribution of questionnaire sheets, and interviews 2) Accorpance of trainees: One trainees 3) Holding of seminars (Thai team) 1) CP: 22 staff members of RID and other relevant organizations 2) Establishment of temporary office to conduct studies in the Kamphaeng Saen district.	rpose: e Thai and Japanese teams collaborate d formulate improvement project for the imphaeng. Seen district (17,200 ha) ough joint F/S implementation.	Qualitative data to confirm facts	1) Review of the final reports 2) Distribution of questionnaire sheets, and interviews	There has been no change in the priority of project implementations in the Kamphaeng Saen district relative to all projects for irrigated agriculture development.
Inputs (Japanese team) 1) Dispatch of experts: Ten experts 2) Acceptance of trainees; One trainee 3) Holding of seminars (Thai team) 1) C.P. 22 staff members of RID and other relevant organizations 2) Establishment of temporary office to conduct studies in the Kamphaeng Saen district.	uputs Understand the current conditions of the unphaeng Saen district. The That team acquires skills and owledge concerning this F/S.	Qualitative data to confirm facts Indicators to measure the degree of technology transfer	 Structure and contents of the final report, and review of relevant reports compiled by WB and JICA and other organizations Distribution of questionnaire sheets, and interviews 	There has been no change in RID's irrigated agriculture development policies and organizational role.
(Japanese team) 1) Dispatch of experts: Ten experts 2) Acceptance of trainees: One trainee 3) Holding of seminars (Thai team) 1) CP: 22 staff members of RID and other relevant organizations 2) Establishment of temporary office to conduct studies in the Kamphaeng Saen district.	trivites dies are conducted on the following, and	Inports		There has been no change in RUD's irrigated agriculture development policies and organizational role.
	mology transfers are implemented scerning the studies. rigation, drainage, and hydrological lyses. Design and calculation concerning. Design and calculation fields, soil, and hydronem of farm fields, soil, and hydron plans. Agro-economy, and farmers' cognions.	(Japanese team) 1) Dispatch of experts: Ten experts 2) Acceptance of trainees: One trainee 3) Holding of seminars (Thai team) 1) CP: 22 staff members of RID and other relevant org 2) Establishment of temporary office to conduct studies	nizations in the Kamphaeng Saen district.	Precondition 1) Sufficient number of C/P staff members can be provided. 2) Public safety can be secured in the areas under study.

Project Design Matrix
Title: Study of the Mae Kuang Irrigated Agriculture Development Project (F/S)

Nerrative summary	Indexens	Means of verification	Important assumbons
Goals 2 (Implementation and post implementation stage) The projects covered by F/S are Implemented; and the objectives are Attained.	Qualitative and quantizative data of effects after attainments of project purposes	Distribution of questionnaire sheets, and interviews Collection of statistical materials (RID headquarters, regional offices, and NSO, etc.)	
Purpose: The Thai and Japanese teams collaborate to formulate an imigated agriculture development project for the study areas (20,000 ha) through joint F/S implementation.	Qualitative data to confirm facts	1) Review of the final reports 2) Distribution of questionnaire sheets, and interviews	 The That government secures the budget necessary to implement the project. RD and other relevant organizations are sufficiently capable of implementing the project. There has been no change in the priority of project implementations in the target area relative to all projects for irrigated agriculture development.
Outputs 1) Understand the current conditions of the study areas. 2) The Thai team acquires skills and knowledge concerning this F/S.	Qualitative data to confirm facts Indicators to measure the degree of technology transfer	1) Review of the structure and contents of the final report 2) Distribution of questionnaire sheets, and interviews 3) Review of the infigution project reported to have been implemented by RUD (1976) at an adjacent district to the study area	There has been no change in the priority of project implementations in the Kamphaeng Saen district relative to all projects for imigated agriculture development.
Activities Studies are conducted on the following, and rechnology transfers are implemented concurring the envise	Kaputs (Japanese team)		There has been no change in the priority of project implementations in the Kamphaeng Saen district relative to all projects for imgazed agriculture development.
1) Design, calculations, and construction plans for dam constructions 2) Imganion, drainage, and hydrological analyses, and design and calculation concerning improvement of farm fields 3) Agro-economy, and farmers' associations, soil and cultivation plans	A) Acceptance of traines: One traines 3) Holding of seminars (Thai team) 1) OP: 13 staff members of RID 2) Establishment of camps in the study areas		Precondition 1) Sufficient number of C/P staff members can be provided. 2) Public safety can be secured in the areas under study.

Project Design Matrix Title: Study of the Sakae Krang River Basin Irrigation Project (F/S)

Narrative summary	Indenors	Means of verification	Important assumtions
Goals 2 (Implementation and post implementation stage) The projects covered by F/S are implemented; and the objectives are attained.	Qualitative and quantitative data of effects after attainments of project objectives	1) Distribution of questionnaire sheets, and interviews 2) Collection of statistical materials (RID headquarters, regional offices, and NSO, etc.)	
Goals 1 (Prepara fon Stage) The Thai government conducts practical preparations for implementation of the projects.	Qualitative data to confirm facts	Distribution of questionnaire sheets, and interviews	1) The Thai government secures the budget necessary to implement the project. 2) The Thai government performs actions necessary to implement the project (satisfying environmental standards and creating domestic consensus). 3) RLD and other relevant organizations are sufficiently capable of implementing the project.
Purpose The Thai and Japanese teams collaborate to formulate the Mae Wong Imigation project for the Sakae Krang River basin (7,000k) through joint F/S implementation.	Qualitative data to confirm facts	1) Review of the final reports 2) Distribution of questionnaire sheets, and interviews	There has been no change in the priority of project implementations in the Salzae Krang River basin relative to all projects for imigated agriculture development.
Outputs 1) Understand the current conditions to select the top-priority dams in the Sakae Krang River basin. 2) The Thai team acquires skills and knowledge concerning this F/S.	Qualitative data to contirm facts Indicators to measure the degree of technology transfer	 Review of the structure and contents of the final report Distribution of questionnaire sheets and interviews 	There has been no change in RID's inigated agriculture development policies and organizational role.
Activities Studies are conducted on the following, and technology transfers are implemented concerning the studies 1) Back Action for done and other malayed	Laputs		There has been no change in RID's irrigated agriculture development policies and organizational role.
1) DANG COOLING AND THE OTHER THE CONTRIBUTED	(appareso team) 1) Dispatch of experts: Ten experts 2) Acceptance of trainess (by consultants) (Training in Japan in accordance with the O.T. format) (Thai team) 1) C.P. 33 staff members of RID and seven staff members of regional offices 2) Establishment of an office for study teams in the study areas	irs of regional offices y areas	Precondition 1) Sufficient number of C/P staff members can be provided. 2) Public safety can be secured in the areas under study.
water fisheries			

Project Design Matrix

4) Implementation of JICA's project-type technical cooperation entitled management.
2) Coordination and adjustment with JICA's development study "Study." There has been no change in the priority of project plan development 2) RID and other relevant organizations are equipped with systematic There has been no change in RID"s impaned agriculture development for the Chao Phya River Flood Forecast System Plan" (1987-1988) The Thai government secures the budget necessary to formulate implementations relative to all policies for the Thai water resource capabilities to sufficiently utilize the transferred technologies. and implementation relative to all policies for water resource Sufficient number of C/P staff members can be provided.
 Public safety can be secured in the areas under study. 3) There has been no change in the priority of project plan Important assumbons "Imigation Engineering Center Cooperation" project plans and implement the project. policies and organizational role. Title: Study of the Water Management System and Monitoring Program in the Chao Phya River Basin (MP) management Precondition 3) Hearings concerning JICA's project-type technical cooperation 2) Collection of statistical materials (RID headquarters and NSO) 1) Review of the structure and contents of the final report 1) Distribution of questionnaire sheets, and interviews Review of the final reports
 Distribution of questionaire shoets, and interviews 2) Distribution of questionnaire shoets, and interviews entitled "Irrigation Engineering Center Cooperation" Means of verification (That team)

1) OP: 25 stuff members (including supervisors) of the six departments of RID

1) APP And American Companies of RID

10 APP And American Companies of RID

11 APP AND APP 2) Securing rooms for study teams within the RID headquarters 3) Training activities for Thai experts in Thailand Qualitative and quantitative data of effects after attainments of project objectives 2) Indicators to measure the degree of 1) Qualitative data to confirm facts 1) Dispatch of experts: 14 experts Qualitative data to confirm facts Indicators Acceptance of trainces technology transfer (Japanese team) The That team is capable of developing project plans udization facilities, and water management in the concerning water resource management in the areas Studies are conducted on the following, and 2) The That and Japanese teams collaborate with each technology transfers are implemented concerning the plans concerning water resource management in the Chao Phya River basin, subsequent to the That team becomes capable of developing project (2) Montoring and communication systems (4) Inigation/drainage systems improvement Imigation/drainage, hydrology and meteorology (3) Data management system improvement (6) Study on crop diversification promotion 1) Understand current natural conditions, other to formulate the following project plans. (1) Water management model project (5) Study on basic plans for integrated Water management, hydraulic model. 3) Agricultural/social organization, agro-Narrative summary other than the Chao Phya River basin Goals (Implementation and post implementation of the M/P study. development of the basin economy/project evaluation improvement project monitoring/data processing Chao Phya River basm. implementation stage) 4) Soil/land utilization

Outputs

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Evaluation Grid

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Effectiveness

Efficiency

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	Oblection methods	Distribution of questionaire shoets, interviews, and review of relevant documents	Distribution of questionnaire sheets, interviews, and review of relevant documents of relevant documents interviews, and review of relevant documents. Distribution of questionnaire sheets, interviews, and review of relevant documents interviews, and review of relevant documents of relevant documents interviews, and review of relevant documents of relevant documents
	Dem	Developed projects and verification of facts by rating	List of project implementation cases and the contents, verification of facts by rating List of project implementation cases and the contents, verification of facts by rating (1) Expansion of facts by rating (2) Fluctuation in supply and demand of imigation water demand of imigation water productivity (4) Income changes
	Specific questions	Have the proposals of the development study (as follows) been reflected in the agricultural development plan of RJD? (1) Improvement of irrigation functions (repairs of irrigation canals) (2) Improvement of drainage situations (construction of new drainage canals and repairs of existing ones) (3) Establishment of farm field facilities (construction of new roads and review of improvement methods concerning the facilities)	Which proposals of the development study (as follows) were implemented as projects? In which year were they implemented, and what were the financial sources? (1) Improvement of impasson functions (construction of revenue canals and repairs of cristians estimations (construction of new drainage canals and repairs of existing ones) (2) Improvement of farm field facilities (construction of new frainage canals and repairs of existing ones) (3) Establishment of farm field facilities (construction of new roads and review of improvement methods concerning the facilities) Have the development study proposals been implemented as projects in accordance with technical recommendations? What kind of effects have been produced in the Kamphaeng Saen imgation area from implementation of projects in the proposals?
	Evaluation sterns	What kind of progress has been made after development study aiming at project implementation, etc., subsequent to the proposals denved from the development study?	Were the proposals derived from the development study sufficiently applied to project implementation?
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	Evaluation tiens		At the implementation stage of the development study, was the development study consistent with development plans of the recipient	county/ing/on/organization, autivities of other donors, and the needs of the beneficiaries?		At the time of implementation of evaluation study, could the framework proposed in the development study satisfy current needs?	Is the project proposed in the development study still sustainable?	
	Specific questions (At the implementation stage of the development study, were the study polices consistent with the national development plans of the Thai government?	At the implementation stage of the development study, was consistency maintained with the "Mae Klong Irrigated Agriculture Development Project" at the Greater Mae Klong River Basin or the Kamphaeng Saen district?	At the implementation stage of the development study, was the development study, was the development study consistent with the activities of the World Bank or JICA's MP studies?	At the implementation stage of the development study, were the needs of the beneficiaries property considered?	Are the implemented projects consistent with the current development plan of RID?	Which section has present and future responsibilities both technically and financially for maintenance and management of the implemented plan?	Are the beneficiaries technically capable of managing the imgation and drainage taclities at the field level?
	Dom	National Economic and Social development Plan	NID project reports	Reports of WB and JICA	Verification of facts by rating, and relevant documents	Verification of facts by rating	Vertication of facts	Vertication of facts
	Collection methods	Review of relevant documents	Review of RID reports	Review of reports of WB and JICA	Distribution of questionnaire sheets, interviews, and review of relevant documents	Distribution of questionnaire sheets, interviews, and review of relevant documents	Interviews and review of relevant documents	Interviews and review of relevant documents
organizations	JICA Institution	O	0	0		0	0	0
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Evaluation Grid
Title: Mae Kuang Irrigated Agriculture Development Project (F/S)

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	Evaluaconitions	Specific questions:		Collection methods	ЯСА	Incheno	Netonal Economic and Development Authority (NEDN)	Royal Ingaton Dyl(RD)	RDOP	RUD Reson office	स्ट्राच्या ० प्रिट्य १८२०	6 0A	BW.	
	Was the development study implemented in accordance with the scoops specified in SW?	Are there any items not covered by the development study?	Contents of S/W and the final report	Review of the final report and S/W	0				0					
	4 112	Was the input from the Thai side (human resources, etc.) sufficient?	Contents of the final report	Review of the final report	0	0								
	Was the input sumerent/	Was the input from the Japanese side (human resources, etc.) sufficient?	Contents of the final report	Review of the final report	0				0	·				
	Were the rechnology transfers sufficient?	Was the study conducted in close collaboration between the Japanese team and the That team?	Verification of facts by rating	Distribution of questionnaire sheets to the former CP members		0			0	<u> </u>				
Efficiency		What kind of knowledge and skills has the That team acquired?	Contents of the final report	Distribution of questionnaire sheets and interviews	0				0	<u> </u>				
		Has the Japanese team explained the study procedures and progresses in detail?	Verification of facts by rating	Distribution of guestionnaire sheets and interviews		0		<u></u>	0					
	Wee communications sufficient?	Were communications between the Japanese team and the Thai team sufficient?	Verification of facts by rating	Distribution of questionnaire sheets and interviews		0			0					
	Were enough data available?	Were the basic data fully available before starting the study? Were the quantitative and qualitative data sufficiently collected?	Contents of the final report Contents of the final report	Review of the final report Review of the final report	0 0	0		0	0					
SS	Were the proposals compiled after sufficient	Were the proposals developed in accordance with adequate technical, economic, social and environmental analyses?	Proposed projects	Review of the final report and interviews	0			0	0					
gecn/cop	review?	Were the proposals sufficiently feasible for the Thai side (in terms of both scale and Requirements)?	Proposed projects	Review of the final report and interviews	0			0	0					
3	Was the report property structured and equipped with sufficient content?	Was the final report adequately structured and equipped with sufficient content?	Proposed projects	Review of the final reportand interviews	0			0	0					
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	Orbetica methods.	Review of relevant documents	Review of RID reports	Distribution of questionnaire sheets, interviews, and review of relevant documents	Distribution of questionnaire sheets, interviews, and review of relevant documents	Interviews and review of relevant documents	Interviews and review of relevant documents
	Doma	National Economic and Social Development Plan	RID project reports	Verification of facts by rating, and re)evant documents	Verification of facts by rating	Verification of facts	Vertitation of facts
	Specific questous	At the implementation stage of the development study, were the study polices consistent with the national development plans of the Thai government?	At the implementation stage of the development study, was consistency maintained with the "Mae Kuang Irrigated Agriculture Development Project" (existing area) implemented by RID at the district adjacent to the area under study?	At the implementation stage of the development study, were the needs of the beneficiaries properly considered?	Are the implemented projects consistent with the current development plan of RID?	Which section has present and future responsibilities both rechnically and future future and management of the implemented plan?	Are the beneficiaries technically capable of managing the irrigation and drainage facilities at the field level?
	Evaluation ricens.		At the implementation stage of the development study, was the development study consistent with development plans of the recipient county/region/organization, activities of other donors, and the needs of the beneficiaries?		At the time of implementation of evaluation study, could the framework proposed in the development study satisfy current needs?	Is the project proposed in the	development study still sustamable?
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Evaluation Grid

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	Was the development study implemented in accordance with the scope specified in S/W?	Are there any items not covered by the development study?	Contents of S/W and the final report	Review of the final report and SAW	0				0			
		Was the input from the Thai side (human	Contents of the final report	Review of the final report	0	0						- 1
	Was the input sufficient?	Was the input from the Japanese side (human resources, etc.) sufficient?	Contents of the final report	Review of the final report	0				0			- 1
	Was to sechnology transfers sufficient?	Was the study conducted in close collaboration between the Japanese train and the Thai tram?	Verification of facts by mang	Distribution of questionnaire sheets to the former C/P members		0						i
Efficiency	insparence of the control of the con	What kind of knowledge and skills has the That ream acquired?	Contents of the final report	Distribution of guestionnaire sheets and interviews	O		:		0			
		Has the Japanese team explained the study procedures and progresses in detail?	Verification of facts by rating	Distribution of questionnaire sheets and interviews		0		-	0			
	Were communications sufficient?	Were communications between the Japanese team and the That team sufficient?	Verification of facts by rating	Distribution of questionnaire sheets and interviews		Ο,			0			
		Were the basic data fully available before starting the study?	Contents of the final report	Review of the final report	0	0		0	0			- 1
	Were enough data available?	Were the quantitative and qualitative data sufficiently collected?	Contents of the final report	Review of the final report	0						_	
	Warn the wonocele committed after cufficient	Were the proposals developed in accordance with adequate technical, economic, social and environmental analyses?	Proposed projects	Review of the final report and interviews	0			0	0			l i
edivenes.	Invicad.	Were the proposals sufficiently feasible for the That side (in terms of both seale and requirements)?	Proposed projects	Review of the final report and interviews	0			0	0			i
L EV	Was the report property structured and equipped with sufficient content?	Was the final report adequately smeetured and equipped with sufficient content?	Proposed projects	Review of the final report and interviews	0			0	0			- 1

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	Collection methods	Distribution of questionnaire shocts, interviews, and review of relevant documents	**
	8	Distrib questio sheets, and rev relevan	Interviews
		Developed projects and verification of facts by rating	Vertication of facts
	Specific questions	Was the proposal derived from the development study (following) reflected in the inigated agriculture development project of RUD? (1) Selection of top-priority darris and their construction plans	What kind of procedures and efforts have been employed for implementation of the projects proposed in the development study (as follows)? 1) National Environmental Committee 2) Residents and NGCs
	Zivalustico frons	What kind of progress has been made after development study airning at project universement to the proposals derived from the development study?	What kind of efforts have been made to satisfy the Thai environmental standards for project implementations derived from proposals of the development study, subsequent to the completion of the development study.
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		Study on all the	of the	Are the implemented projects consistent with the current development plan of ${ m RID}?$
	Specifo questons	At the implementation stage of the development study, were the study polices consistent with the national development plans of the Thai soverment?	At the implementation stage of the development study, were the needs beneficiantes properly considered?	rojects
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		Have the following proposals from the development study been fully utilized? (1) Water management model project (2) Monitoring and communication systems improvement project (3) Data management system improvement project (4) Imigation/drainage systems improvement project (4) Imigation/drainage systems improvement project (5) Study on basic plans for integrated development of the basin (6) Study on crop diversification promotion center	Have the proposals from the development study been applied in areas other than the Chao Phya River Basin	Have the development study proposals been implemented as projects in accordance with technical recommendations?	What kind of effects have been produced from implementation of the plan?
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	Collection methods	Revew of relevant documents	Review of JICA reports	Review of JICA reports, and interviews	Distribution of questionnaire sheets, interviews, and review of relevant documents	Interviews and review of relevant documents	Questionnaire sheets and interviews
	Den	National Economic and Social Development Plan	JICAreports	JICAreports	Review of II CAreports	Verification of facts	
	Specific questons	At the implementation stage of the development study, were the study polices consistent with the national development plans of the Thai government?	At the implementation stage of the development study, was consistency maintained with the study activities of the JICA development study entitled, "Study for the Chao Phya River Flood Forecast System Plan" (1987-1988, Social Development Study Dept.)?	At the implementation stage of the development study, was the development study harmonized with JICA's project type technical cooperation entitled, "Imgation Engineering Center Project?"?	Are the implemented plans consistent with the current development plan of RID?	Which section has present and future responsibilities both rechnically and future future and future and management of the implemented plan?	Are the beneficiaries technically capable of managing the irrigation and dramage facilities at the field level?
	Evaluation items.		At the implementation stage of the development study, was the development study consistent with development plans of the recipient country/region/organization, activities of other donors, and the needs of the beneficiaries?		At the time of implementation of evaluation study, could the framework proposed in the development study satisfy current needs?	Is the project proposed in the development study still sustainable?	Are the technologies transferred with the development study still likely to be utilized?
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Project Design Matrix Title: Ilocos Norte Irrigation Project (F/S)

Narrative summary	Indicators	Means of verification	Important assum tions
Goas 2 (Implementation and post implementation stage) The projects covered by F/S are implemented; and the objectives are attained.	Qualitative and quantitative dan of effects after attainments of project objectives	 Distribution of questionnaire sheets, and interviews Collection of statistical materials Review of report documents (evaluation reports, etc.) 	
Goak I (Preparation Stage) The Philippine government conducts practical preparations for implementation of the projects.	Qualitative data to confirm facts	 Distribution of questionnaire sheets, and interviews Review of report documents (SAPROF) 	1) The Philippine government socures the budget necessary to implement the project. 2) NLA and other relevant organizations are sufficiently capable of implementing the project. 3) The project implementation is not hindered by groups opposed to the dam construction in the other (Abra) province.
Purpose: The Japanese and Philippine teams collaborate to formulate plans for irrigation facility improvement projects and hydraulic power generation for the Ilocos Norte irrigation district (22,600 ha) through joint E/S implementation operations.	Qualitative data to confirm facts	Review of the contents of the final report	There has been no change in the priority of the irrigation improvement projects in the Ilocos Norte district relative to all irrigation project in the Philippines.
Outputs 1) Understand the current conditions of the Ilocos Notre irrigation district (the right bank of the Bonga River, the Batto-Paoxy district, the Batto-Strait district, the Madupayas district, the Nueva En district, the Cura district, the Nueva En district, the Cura district, the Nueva En district, the Cura district, the Cura district, the Cura district, the Nueva English sand knowledge concerning this F/S.	1) Qualitative data to confirm facts 2) Indicators to measure the degree of technology transfer	1) Review of the structure and contents of the final report 2) Distribution of questionnaire sheets and interviews	There has been no change in the agricultural policies or organizational role of $\mathbb{NL}A$.
Activities Studies are conducted on the following, and rechnology transfers are implemented concerning the studies.	Inputs (Japanese team) 1) Dispatch of experts: Phase I - 13 experts; Phase II - 12 experts 2) Acceptance of trainces 3) Provision of coumment	2 experts	There has been no change in the agricultural policies or organizational role of NLA.
1) Geographical conditions 2) Natural conditions 3) Water utilization and farm field conditions 4) Agricultural production conditions 5) Hydraulic power generation conditions	4) Holding of seminars (Philippine team) 1) CP: NIA staff members Phase I - 14 members Phase II - 12 experts 2) Establishment of an office for study teams		Precondition 1) The Philippine side provides sufficient CP members. 2) Local farmers in the area under study are not opposed to implementation of the development study. 3) Public safety can be secured in the areas under study.

Project Design Matrix Title: Mabini Agricultural Development Project (F/S)

Goals 2 (Implementation and post implementation stage) The projects covered by F/S are			
are:	of effects after	1) Distribution of questionnaire sheets, and interviews 2) Collection of smissical materials 3) Review of report documents (evaluation reports, etc.)	
(Preparation Stage) ippine government conducts preparations for implementation of cts.	Qualitative data to confirm facts	Distribution of questionnaire sheets, and interviews	The Philippine government secures the budget necessary to implement the project. 2) NIA and other relevant organizations are sufficiently capable of implementing the project.
Purpose: The Japanese and Philippine teams collaborate to formulate the construction project plans for dams/water sources, arrigation facilities, and power stations in the Mabini imgation district (Alaminos, Bani, Mabini, and Sual towns/villages) (11,500 ha) through joint F/S implementation.	Qualitative data to confirm facts	Review of the contents of the final report	There has been no change in the priority of the irrigation improvement projects in the Mabini district relative to all irrigation projects in the Philippines.
Actievement 1) Understand current conditions in the Mabini inigation district (Alaminos, Bani, Mabini, and Sual towns/villages). 2) The Philippine team acquires skills and knowledge concerning this F/S.	tainse data to confirm facts rather to measure the degree of technology	 Review of the structure and conterns of the final report Distribution of questionnaire sheets and interviews 	There has been no change in the agricultural policies or organizational role of NLA.
	22		There has been no change in the agricultural policies or organizational tole of NLA.
Activities Studies are conducted on the following, and 1) Display the conducted on the following, and 1) Display the conducted 2) Accompaning the studies 1) Local agriculture 2) Hydrological and meteorological conditions 3) Topographical and geological conditions 1) CPP 2) Esta	(Japanese team) 1) Dispatch of experts. 15 experts 2) Acceptance of trainess 3) Provision of equipment 4) Holding of seminars (Philippine team) 1) C/P NLA suff members 2) Establishment of an office for study teams		Precondition 1) The Philippine side provides sufficient CP members. 2) Local farmers in the area under study are not opposed to implementation of the development study. 3) Public safety can be secured in the areas under study.

Project Design Matrix Title: Improvement Project for the Operation & Maintenance of National Irrigation Systems (AMRIS, 18 Districts) (F/S)

Narrative summary	Indicators	Means of verification	Amportant assumbons
Goals 2 (Implementation and post implementation stage) The projects covered by F/S are implemented; and the objectives are attained.	Qualimitye and quantitative data of effects after attainments of project objectives	 Distribution of questionnaire sheets, and interviews Collection of statistical materials (NIA headquarters, regional offices, and evaluation reports, etc.) 	
Goals 1 (Preparation Stage) The Philippine government conducts practical preparations for implementation of the projects.	Qualitative data to confirm facts	Distribution of questionnaire sheets, and interviews	 The Philippine government secures the budget necessary to implement the project. NIA and other relevant organizations are sufficiently capable of implementing the project.
Purpose The Japanese and Philippine teams collaborate to formulate the irrigation/duninage facility improvement projects plans for the AVRUS irrigation district (34.965 ha) through joint F/S irriplementation.	Qualitative dats to confirm facts	Review of the contents of the final report	There has been no change in the priority of the irrigation improvement projects in the AMRUS district relative to all irrigation project in the Philippines.
Outputs 1) Understand current conditions in the AMRIS irrigation district 2) Formulate proposals to enhance irrigation management 3) The Philippite team acquires skills and knowledge concerning this FAS.	Qualimive data to confirm facts Indicators to measure the degree of technology ransfer	1) Review of the structure and contents of the final report, and relevant documents 2) Distribution of questionnaire sheets, and interviews 3) Review of report on the irrigation project (ALMADP) implemented with ADB loans in the area under study	There has been no change in the agricultural policies or organizational role of NIA.
Activities Studies are conducted on the following, and technology transfers are implemented concerning the studies. (1) Natural conditions (2) Current agricultural conditions (3) Imgation conditions (4) Drainage conditions (5) Current conditions	Inputs (Japanese team) 1) Dispatch of experts: Eleven experts 2) Acceptance of trainces 3) Provision of equipment 4) Holding of seminars (Philippine team) 1) CP- 16 VIA Asoff members		There has been no change in the agricultural policies or organizational role of NLA.
and management systems (6) Agricultural systems	2) Establishment of an office for study teams		Precondition 1) The Philippine side provides sufficient CP members. 2) Local farmers in the area under study are not opposed to implementation of the development study. 3) Public safety can be secured in the areas under study.

Title: Improvement Project for the Operation & Maintenance of National Irrigation Systems (UPRUS) (F/S) Project Design Matrix

Narrative summary	Indicators	Means of verification	Imperant assumbons
Goals 2 (Implementation and post implementation stage) The projects covered by F/S are implemented; and the objectives are attained.	Qualitative and quantitative data of effects after attainments of project objectives	 Distribution of questionnaire sheets, and interviews Collection of statistical traterials Review of report documents 	
Goals 1 (Preparation Stage) The Philippine government conducts practical preparations for implementation of the projects.	Qualitative data to confirm facts	Distribution of questionnaire sheets, and interviews	1) The Philippine government secures the budget necessary to implement the project. 2) NIA and other relevant organizations are sufficiently capable of implementing the project.
Purpose The Japanese and Philippine teams collaborate to formulate migation/dramage facility improvement projects plans for the UPRIIS migation district (112,000 ha) through joint F/S implementation.	Qualitative data to confirm facts	Review of the contents of the final report	There has been no change in the priority of the irrigation improvement projects in the UPRIIS district relative to all irrigation projects in the Philippines.
Outputs 1) Understand current conditions in the UPRIIS impanion districts (Districts I - IV) 2) Proposals are developed for imgation management cultanocurrent 3) The Philippine team acquires skills and knowledge concerning this F/S.	Qualitative data to confirm facts Indicators to measure the degree of technology transfer	1) Review of the structure and contents of the final report 2) Distribution of questionnaire sheets and interviews	There has been no change in the agricultural policies or organizational role of NLA.
Activities Studies are conducted on the following, and technology transfers are implemented concerning the studies.	In puts (Japanese team) 1) This notes to		There has been no change in the agricultural policies or organizational role of NLA.
(1) General conditions of the planned area (2) Current conditions of the imigation systems (3) Current conditions of the drainage systems (4) Flood and sedimentation (5) Operational conditions of UPRUS (6) Financial conditions of UPRUS (7) Agricultural organizations	1) Departs to trying a second of the control of the		Precondition 1) The Philippine side provides sufficient C/P members. 2) Local farmers in the area under study are not opposed to implementation of the development study. 3) Public safety can be secured in the areas under study.

Project Design Matrix Title: Improvement Project for the Operation & Maintenance of Magat River Irrigation (MP)

	Nerrative summary	Indexora	Memsolverification	Important assummons
<u> </u>	Goals 2 (Implementation and post implementation stage) The projects are implemented in accordance with the next-stage study (F/S and D/D, etc.); and the expected objectives are stamped for the projects.	Quaintive and quantitative dans of effects after attainments of project objectives	1) Distribution of questionnaire sheets, and interviews 2) Collection of statistical materials 3) Review of report documents	
	Goals 1 (Preparation Stage) The Philippine government conducts the next-stage study (F/S and D/D, etc.) in accordance with the proposed framework.	Qualitative data to confirm facts	Distribution of questionnaire sheets, and interviews	The Philippine government secures the budget necessary to implement the next-stage studies and the projects. NLA and other relevant organizations are sufficiently capable of implementing the project.
,	Purpose: The lapanese and Philippine teams collaborate to formulate the O&M improvement project plans for the Magat Impanon district through the joint	Qualitative data to confirm facts	Review of the contents of the final report	There has been no change in the priority of the traigation improvement projects in the MARIIS district relative to all traigation projects in the Philippines. 2) No policy changes due to changes in political leadership.
63	Outputs Outputs 1) Understand the current conditions of the Magar imgamon districts (Districts I-IV) (MARIIS). 2) Develop a manual on data control for imgamon management 3) The Philippine team acquires skills and	Qualitative data to confirm facts Lindicators to measure the degree of technology transfer	1) Review of the structure and contents of the final report 2) Distribution of questionnaire sheets and interviews	There has been no change in the agricultural policies or organizational role of NLA.
. == =====	Activities Studies are conducted on the following, and technology transfers are implemented	Inputs (Apparese team) 1) Discouth of experts: 18 experts		There has been no change in the agricultural policies or organizational role of NUA.
	concerning the studies. (1) Current conditions of the irrigation systems (2) Distribution conditions of the irrigation/drainage irrigation/drainage (3) Current conditions of maintenance and management of irrigation facilities (4) Agriculture promotion organizations	2) Acceptance of trainees 3) Provision of equipment 4) Holding of serminars (Philippine team) 1) CP. 18 NIA staff members 2) Establishment of an office for study teams		Precondition 1) The Philippine side provides sufficient C/P members. 2) Local farmers in the area under study are not opposed to implementation of the development study. 3) Public safety can be secured in the areas under study.

Evaluation Grid

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	Collection methods	Review of relevant documents, such as national development plans and CORPLAN, etc.	Review of JICA reports	Distribution of questionnaire sheets, interviews, and review of relevant documents	Distribution of questionnaire sheets, and review of relevant documents, such as project implementation reports, national development plans, OORPLAND, etc.	Distribution of questionnaire sheets, and review of relevant documents, such as study implementation reports, national development plans, CORPLAND, etc.	Interviews and review of relevant documents	Interviews and review of relevant documents
	Date	Contents of the national development plan and CORPLAN	JICArepors	Verification of facts by rating (whether implementations involved farmers' organizations, etc.)	Verification of facts by nating, objectives and contents of implemented projects, and CORPLAN	Verification of facts by nating, objectives and contents of implemented next-stage studies (SAPROF), and CORPLAIN	Verification of facts	Verification of facts
	Specific questions	At the implementation stage of the development study, were the study contents consistent with the development plans of NEDA and NIA?	At the implementation stage of the development study, was the development study, consistent with donors' activities?	At the implementation stage of the development study, have the needs of the beneficiaries been considered?	Are the projects that have already been implemented consistent with the current development plans and the plans of NLA (CORPLAN)?	Are the next-stage studies that have already been implemented consistent with the current development plans and the plans of NIA (CORPLAN)?	Which section has present and fature responsibilities both technically and famorally for manitenance and management of the implemented plan?	Are the beneficiaries technically capable of managing the imigation and dramage facilities at the field level?
	Evaluation mons	At the implementation stage of the develorment study, was the	development study consistent with development plans of the recipient country/resion/organization, activities	of other donors, and the needs of the beneficiaries?	At the time of implementation of evaluation study, could the framework	proposed in the development study satisfy current needs?		is ne project proposed in ne development study still sustainable?
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Evaluation Grid
Title: Mabini Agricultural Development Project (E.S)

Evaluation interns: Specific questions: Obligation methods	Was the development study Aure there any items not covered by the Contents of SW and the final report and SW and SW and SW and SW.	Was the input from the Philippine side (human Conterns of the final report Review of the final report	Was the input sufficient? Was the input from the Japanese side (human Contents of the final report Review of the final report reconnected sufficient?	Was the study conducted in close collaboration Variable to Japanese team and the Philippine Verification of facts by rating questionnaire shoets and interviews	What kind of knowledge and skills has the Contents of technologies transferred Philippine team acquired?	Has the Japanese team explained the study Verification of facts by rating questionnaire sheets and procedures and procedures and progresses in detail?	Was the communication between the Japanese Verification of facts by rating team and the Philippine team sufficient?	Were the basic data fully available before starting Contents of the final report	Were enough data available? Were the quantitative and qualitative data Contents of the final report Review of the final report sufficiently collected?	Was the study consistent with the donors' other Verification of related reports by rating reports and interviews	development study well-balanced with cicently linked to JICA's other technical verification of related reports by rating ton schemes (dispatches of experts and noe of trainees, etc.)?	Were the proposals developed in accordance with adequate technical, economic, social and Proposed plans and interviews and interviews and interviews.	Were the proposals sufficiently feasible for the Philippine side (in terms of both scale and requirements)?	report adequately structured and Structure and contents of the final Review of the final report ufficient content?
Don	Contents of SVW and the final report	Aulippine side (furnan Contents of the final report	Contents of the final report	e such conducted in close collaboration the Japanese team and the Philippine Vertication of facts by rating	and of knowledge and skills has the Contems of technologies transferred questionnaire shoets and net am acquired?	d the study Ventication of facts by rating	Verification of facts by nating	Contents of the final report	Contents of the final report Review of the final report	Verification of related reports by rating	Verification of related reports by rating	opod in accordance with Proposed plans Review of the final report and Proposed plans and interviews	iciently feasible for the final report and Proposed plans and interviews	Structure and contents of the final Review of the final report report
					Distribution of questionnaire sheets and interviews				Review of the final report			Review of the final report and interviews	Review of the final report and interviews	and contents of the final Review of the final report
Collection method	Review of the final repo and S/W	Review of the final report	Review of the final report	Distribution of questionnaire sheets and interviews		Distribution of questionnaire sheets and interviews	Distribution of questionnaire sheets and interviews	Review of the final report		Review of the related reports and interviews	Review of the related reports and interviews			
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	Collection methods	Distribution of questionnaire sheets, interviews, and review of relevant documents	Distribution of questionnaire sheets, interviews, and review of relevant documents relevant documents project implementation cases. Distribution of questionnaire sheets, interviews, and review of nelevant documents
	Dom	CORPLAN and its developed projects, and verification of facts by rating	For the following related projects, list of project implementations and contents of reports on project implementation cases, verification of facts by maing verification of facts by maing project implementation cases (1) Expansion of imigated area (2) Expansion of imigated area (2) Expansion of imigated area (3) Expansion of imigated area (4) Expansion of imigated area (5) Expansion of imigated area (6) Expansion of imigated area (7) Expansion of imigated area (
	Specific questions	Are the development study items reflected in NIA's CORPLAN (10-year plan)?	Which proposals derived from the development studies (see examples below) were implemented as projects? In which year were they implemented, and what were the financial sources? (1) Dams/water source facility construction (center-core type of dams and flood sluices, etc.) (2) Construction of imigation facilities (water channels, main canals, branch canals.) (3) Construction of power stations Have the development study proposals been implemented as projects in accordance with technical recommendations? What lond of effects have been produced in the AMRIS imigation district from project implementation of the proposals?
	Dyahusion items	What land of progress has been made after Development study aiming at project implementation, etc., subsequent to the proposals derived from the development study?	Were the proposals derived from the development study sufficiently applied to project implementation?
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	Dam	Contents of the national development plan and CORPLAN	AMIADP report compiled by ADB	Verification of facts by nating (whether implementations involved farmers organizations, etc.)	Verification of facts by rating, objectives and contents of implemented projects, and CORPLAN	Verification of facts by rating, objectives and contents of implemented next-stage studies (SAPROF), and CORPLAN	Verification of facts	Verification of facts
	Collection_methods	Review of relevant documents, such as national development plans and CORPLAN, etc.	Review of the final reports and AMIADP reports	Distribution of questionnaire sheets, interviews, and review of relevant documents	Distribution of questionaire sheets, and review of relevant documents, such as project implementation reports, rational development plans, CORPLAND, etc.	Distribution of questionnaire sheets, and review of relevant documents, such as study implementation reports, national development plans, CORPLAND, etc.	Interviews and review of relevant documents	Interviews and review of relevant documents
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ages nous	What kind of progress has been made after	Are the development study items reflected in NIA's CORPLAN (10-year plan)?	CORPLAN and its developed projects, and verification of facts by rating	Distribution of questionnaire sheets, interviews, and review of relevant documents	O 2		0				Ţ
Seyboa-ngje	Development study aiming at project implementation, etc., subsequent to the	Have the development study proposals fully contributed to enhancement of farmers' organizations?	Continued facts	Distribution of questionnaire sheets and interviews	0		0	0			
senchailiN	proposals derived from the development study?	Have the development study proposals contributed to improvement of farmers' management of imgation systems?	1) Roles of farmers' organizations (IAs, etc.) 2) Participation of farmers in these Organizations 3) ISF collection rates	Distribution of questionnaire shoets, interviews, and review of relevant documents	0	:	0	0			
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iongini sgeiz no	Were the proposals	(a) John Level of the highest humange facilities at newly developed areas (3) Repairs of existing roads and construction of new ones of existing roads and construction of injury events of terminal facilities in newly injury evens and existing impated areas (5) Enhancement of joint maintenance and roads and existing injury and mission	For the following related projects, list of project implementations and contents of reports on project implementation cases, verification of facts by rating, and relevant documents:	Distribution of questionnaire sheets, and review of relevant documents	O		÷ ·	О		·	
ilengey noissilit)	denved from the development study sufficiently applied to project implementation?	organizations (6) Partial transfers of maintenance and management responsibilities for semi-branch canal facilities to imigation organizations (7) Establishment of pilot farms for promoting upland farming (8) Supply of equipment and vehicles for	IOSP I (World Bank) IOSP II (World Bank) WRDP (World Bank)								
		construction work to promote terminal facilities, and supply of maintenance and management equipment Have the development study proposals been implemented as projects in accordance with technical recommendations?	Contems of reports on project implementation cases	Review of reports on project implementation cases	0			0	<u> </u>		 T
		What kind of effects have been produced in the AMRIS impation district from project implementation of the proposals?	(3) Expansion of imgated area (4) Improvement of productivity (3) Income changes, etc.	Distribution of questionnaire sheets, interviews, and review of relevant documents			О	0	0		

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	Collection methods	Review of relevant documents, such as national development plans and CORPLAN, etc.	Review of the final reports and AMIADP reports	Distribution of questionnaire sheets, interviews, and review of relevant documents	Dismibution of questionnaire sheets, and review of relevant documents, such as project implementation reports, national development plans, CORPLAND, etc.	Dismbution of questionaire sheets, and review of relevant documents, such as study implementation reports, national development plans, CORPLAND, etc.	Interviews and review of relevant documents	Interviews and review of relevant documents
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	Specific questions	At the implementation stage of the development study, were the study contents consistent with the development when soft NEDA and MA?	At the implementation stage of the development study, was the development study, was the development study, and donors, activities?	At the implementation stage of the development study, have the needs of the beneficiaries been considered?	Are the projects that have already been implemented consistent with the current development plans and the plans of NIA (CORPLAIN)?	Are the next-stage studies that have already been arplemented consistent with the current development plans and the plans of NLA (CORPLAN)?	Which section has present and future responsibilities both technically and farancially for maintenance and management of the implemented plan?	Are the beneficiaries technically capable of managing the imigation and drainage facilities at the field level?
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	Collection methods	Distribution of questionnaire sheets, interviews, and review of relevant documents	Distribution of questionnaire sheets and interviews	Distribution of questionnaire shoets, interviews, and review of relevant documents	Distribution of questionnaire sheets, interviews, and review of relevant documents	Review of reports on project implementation cases	Distribution of questionnaire shoets, interviews, and review of relevant documents
	Dem	CORPLAN and developed plans	Confirmed facts	I) Roles of farmers' organizations (IAs, etc.) Participation of farmers in these Organizations SISF collection rates	Project implementation case (Central Luzon Imgation Project) and contents, verification of facts by rating, and relevant documents of the related projects (IOSP I (World Bank))	Contents of reports on project implementation cases	(1) Expansion of impared area (2) Improvement of productivity (3) Income changes, etc.
この 一般の 一般の 一般の 一般の 一般の 一般の 一般の 一般の 一般の 一般	Specific questions	Are the development study items reflected in NIA's CORPLAN (10-year plan)?	Have the development study proposals fully contributed to enhancement of farmers' organizations?	Have the development study proposals contributed to improvement of farmers' management of impaison systems?	Which proposals derived from the development studies (see ceamples below) were implemented as projects? In which year were they implemented, and what were the financial sources? (1) Expansion and improvement of impanion facilities (headworks, reused weirs, and canals, etc.) (2) Construction of drainage canals (3) Partial repairs of the Talkaven River (4) Improvement of NA UPRIIS system (5) Maintenance and management plans (6) Establishment of furners' organizations	Have the development study proposals been implemented as projects in accordance with technical recommendations?	What kind of effects have been produced in the UPRIIS impation district from implementation of projects in the proposals?
	Evaluation items	**************************************	Development study aming at project implementation, etc., subsequent to the		Were the proposals derived from the development study sufficiently applied to project managements.		
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	Collection methods	Review of relevant documents, such as rational development plans and CORPLAN, etc.	Review of relevant documents	Distribution of questionnaire sheets, interviews, and review of relevant documents	Distribution of questionnaire sheets, and review of relevant documents, such as project implementation reports, rational development plans, CORPLAND, etc.	Distribution of questionnaire sheets, and review of relevant documents, such as study implementation reports, rational development plans, CORPLAND, etc.	Interviews and review of relevant documents	Interviews and review of relevant documents
	Dom	Contents of the national development plan and CORPLAIN	Contents of relevant documents	Verification of facts by rating (whether implementations involved farmers' organizations, etc.)	Verification of facts by rating, objectives and contents of insplemented projects, and CORPLAN	Verification of facts by rating, objectives and contents of implemented next-stage studies, and CORPLAN	Vertication of facts	Vertification of facts
	Specific questions	At the implementation stage of the development study, were the study contents consistent with the development plans of NEDA and NEA?	At the implementation stage of the development study, was the development study, with donors' activities?	At the implementation stage of the development study, have the needs of the beneficiaries been considered?	Are the projects that have already been implemented consistent with the current development plans and the plans of NIA (CORPLAN)?	Are the next-stage studies that have already been implemented consistent with the current development plans and the plans of NIA (CORPLAN)?	Which section has present and future responsibilities both technically and futuracially for maintenance and management of the implemented plan?	Are the beneficiaries technically capable of managing the imgation and dramage facilities at the field level?
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ver Integrated Irrig		Collection methods.	Review of the final report and S/W	Review of the final report	Review of the final report	Distribution of questionnaire sheets to the former OP members	Distribution of guestionnaire sheets and interviews	Distribution of guestionnaire sheets and interviews	Distribution of questionnaire sheets and interviews	Review of the final report	Review of the final report	Review of the related reports and interviews	Review of the related reports and interviews	Review of the final report and interviews	Review of the final report and interviews	Review of the final report and interviews
Exaluation Grid Operation & Maintenance of Magat River Integrated Irrigation (MP)		Dam	Contents of S/W and the final report	Contents of the final report	Contents of the final report	Verification of facts by rating	Contents of technologies transferred	Verification of related reports by rating	Verification of facts by rating	Contents of the final report	Contents of the final report	Verification of related reports by rating	Verification of related reports by rating	Proposed plans	Proposed plans	Structure and contents of the final report
Title: Improvement Project for the Operation		Specific questions	Are there any items not covered by the development study?	Was the input from the Philippine side (human resources, etc.) sufficient?	Was the input from the Japanese side (human resources, etc.) sufficient?	Was the study conducted in close collaboration between the Japanese team and the Philippine team?	What kind of knowledge and skills has the Philippine team acquired?	Has the Japanese team explained the study procedures and progresses in deful?	Was the communication between the Japanese team and the Philippine team sufficient?	Were the basic dam fully available before starting the study?	Were the quantitative and qualitative data sufficiently collected?	Was the study coordinated with the other donors' projects?	Was the development study well-balanced with and sufficiently linked to JICA's other technical cooperation schemes (dispatches of experts and acceptance of trainces, etc.)?	Were the proposals developed in accordance with adequate technical, coonomic, social and environmental analyses?	Were the proposals sufficiently feasible for the Philippine side (in terms of both seals and requirements?)	Was the final report adequately structured and equipped with sufficient content?
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	Collection methods	Distribution of questionnaire sheets, interviews, and review of relevant documents	Distribution of questionnaire sheets and interviews	Distribution of questionnaire sheets, interviews, and review of relevant documents		Distribution of questionnaire sheets, interviews, and review of relevant documents		Review of reports on project implementation cases	Distribution of questionnaire sheets, interviews, and review of relevant documents
	4	CORPLAN and developed plans	Confirmed facts	Soles of farmers' organizations (JAs, etc.) Participation of farmers in these Organizations SISF collection rates	Content of the reports on project implementation	cases/next-stage studies, and verification of facts by nating, and relevant documents for the related projects.	IOSP II (World Bank) WRDP (World Bank)	Contents of reports on project implementation cases	(1) Expansion of impared area (2) Improvement of productivity (3) Income changes, etc.
表のでは、これにある。 ながはないない	Specific questions	Are the development study items reflected in NLA's CORPLAN (10-year plan)?	Have the development study proposals fully contributed to enhancement of farmers * organizations?	Have the development study proposals contributed to improvement of farmers' management of impation systems?	Which proposals derived from the development studies (see examples below) were implemented as projects and the necessors enter entire conditioned? In which was warm that	implemented, and what were the financial sources? (1) Expansion of inigated areas (2) Improvement of water management (3) Improvement of inigation facilities	(4) Improvement of naintenance and management systems (5) Enhancement of agricultural production and farmers' organizations	Have the development study proposals been implemented as projects in accordance with technical recommendations?	What kind of effects have been produced in the Magat impation area from implementation of projects in the proposals?
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	Specific questions	At the implementation stage of the development study, were the study contents consistent with the development plans of NEDA and NIA?	At the implementation stage of the development study, was the development study, and the study consistent with donors' activities?	At the implementation stage of the development study, have the needs of the beneficiaries been considered?	Are the projects that have already been implemented consistent with the current development plans and the plans of NIA (CORPLAN)?	Are the nece-stage studies that have already been implemented consistent with the current development plans and the plans of NIA (CORPLAN)?	Which section has present and future responsibilities both technically and financially for maintenance and management of the implemented plan?	Are the beneficiaries technically capable of managing the irrigation and drainage facilities at the field level?
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