





**Plan of Operation (Output & Activities)**

**Output 3: Information Network System between OAE and 9 ROAE is established and developed further**

Version:  
DATE:

Output	Indicator	1st Year				2nd Year				3rd Year				4th Year				5th Year			
		J-S 03	O-D 03	J-M 04	A-J 04	J-S 04	O-D 04	J-M 05	A-J 05	J-S 05	O-D 05	J-M 06	A-J 06	J-S 06	O-D 06	J-M 07	A-J 07	J-S 07	O-D 07	J-M 08	A-J 08
3. Information Network System between OAE and 9 ROAE is established and developed further.	3.1 Time period required for data input and processing at ROAEs and OAE for production surveys of major food crops is shortened by 50% compared with that of				◆				◆				◆				◆				◆
	3.2 Web sites are newly established 9 ROAE, through which regional statistics are available to the public.				◆				◆				◆				◆				◆

Activities	In Charge	Results	1st Year				2nd Year				3rd Year				4th Year				5th Year							
			J-S 03	O-D 03	J-M 04	A-J 04	J-S 04	O-D 04	J-M 05	A-J 05	J-S 05	O-D 05	J-M 06	A-J 06	J-S 06	O-D 06	J-M 07	A-J 07	J-S 07	O-D 07	J-M 08	A-J 08				
<b>3-1 Design and establish Information Network System (INS) connection between OAE and ROAE</b>			Install and set up																							
3-1-1 Install PC for INS	IT Group	PC are installed in OAE and ROAE.	Install JICA equipment				Enhance/improve the system																			
3-1-2 Connect PC to ROAE LAN	IT Group																									
3-1-2-a Study problems and solution for ROAE LAN	IT Group	Report of the problems and the requests									review															
3-1-2-b Prepare rules of the LAN management in ROAE	IT Group	Rules																								
3-1-3 Develop ROAE Web pages	IT Group	ROAE Web site																								
3-2 Introduce data entry and processing system in 9 ROAE																										
3-2-1 Data processing system for improved surveys																										
3-2-1-a Crop cutting surveys	DC Group	IT Group	program	Cassava				Sugar cane				Rice				Maize survey and soybean										
3-2-1-b Area surveys	DC Group	IT Group	program																							
3-2-1-c Forecasting surveys	DC Group	IT Group	program																							
3-2-2 Support improvement of data processing of on-going production surveys																										
3-2-2-a Cassava	DC Group	IT Group	program																							
3-2-2-b Other major food crops	DC Group	IT Group	program																							
3-3 Develop/ improve database systems for agricultural statistics and economic analysis																										
3-3-a Production database	IT Group	Report of the problems and the requests																								
3-3-b Time-series database for economical analysis and forecast	IT Group	new database system																								
3-4 Conduct training for management/utilization of information network, data processing and databases																										
3-4-1 ROAE LAN administration and Web management training	IT Group	Training																								
3-4-2 Agricultural statistics database user training for OAE and ROAE	IT Group	Training																								
3-4-3 Agricultural statistics data analysis training using software, such as Excel for OAE and ROAE	DC Group	IT Group	Training																							
3-4-4 Agricultural statistics survey dataprocessing system user training for ROAE	DC Group	IT Group	Training																							
<Inputs>																										
Long-term expert																										
Short-term expert																										
Dataprocessing system																										
Network system																										
Web operation and management																										
Database system																										
C/P training																										
Management Network system and Dataprocessing system																										
Operation of Network system, Web, Database system																										
Computer equipment																										

**Plan of Operation (Output & Activities)**  
**Output 4: Methodology of agricultural economic analysis is developed.**

Version: \_\_\_\_\_ DATE: \_\_\_\_\_

Output	Indicator	1st Year			2nd Year			3rd Year			4th Year			5th Year									
		J-S 03	O-D 03	J-M 04	A-J 04	J-S 04	O-D 04	J-M 05	A-J 05	J-S 05	O-D 05	J-M 06	A-J 06	J-S 06	O-D 06	J-M 07	A-J 07	J-S 07	O-D 07	J-M 08	A-J 08		
4. Methodology of agricultural economic analysis is developed.	4.1 The economic analytical report authorized by OAE is issued twice a year.						◆					◆	◆								◆		
	4.2 Outputs of I/O table (every 5 years), macro-economic model and commodity demand supply model (every year) for agricultural sector are reported once a year.														◆	◆						◆	◆
	4.3 The seminar or workshop is held for a release of above-mentioned analytical report at least once a year, with more than 100 participants from public and private sectors.				◆			◆				◆				◆							◆

Activities	In Charge		Results	1st Year			2nd Year			3rd Year			4th Year			5th Year							
	Main	Sub		J-S 03	O-D 03	J-M 04	A-J 04	J-S 04	O-D 04	J-M 05	A-J 05	J-S 05	O-D 05	J-M 06	A-J 06	J-S 06	O-D 06	J-M 07	A-J 07	J-S 07	O-D 07	J-M 08	A-J 08
<b>4.1. Identify appropriate methodologies for OAE and develop necessary models</b>	Agricultural Economic Analysis Group																						
4-1-1. Agricultural Input-Output Project (AIO)	Agricultural Economic Analysis Group																						
4-1-1-2. Agricultural Input-Output Project for 2000 (AIO2000)	Agricultural Economic Analysis Group		Data Report and Analytical Report of Agricultural Input-Output	→																			
4-1-1-3. Agricultural Input-Output Project for 2005 (AIO2005)	Agricultural Economic Analysis Group		Manual and Progress Report of Agricultural Input-Output Table for	→																			
4-1-2. Agricultural Macro-economic Modeling Project (AMM)	Agricultural Economic Analysis Group		Reports on Annual Agricultural Macro-Economic Forecasts and Several Policy	→																			
4-1-2-1. General Economic Modeling	Agricultural Economic Analysis Group		Reports on Annual Agricultural Macro-Economic Forecasts and Several Policy	→																			
4-1-2-2. Expansion of Economic Model linked with Commodity Models	Agricultural Economic Analysis Group		Reports on Annual Agricultural Multi-sectoral Economic Forecasts and Policy Simulations	→																			
4-1-3. Agricultural Commodity Modeling Project (ACM)	Agricultural Economic Analysis Group		Reports on Annual Commodity Demand-Supply Forecasting	→																			
4-1-4. Likage of Agricultural Input-Output Table, Economic Model and Agricultural Commodity Models (IoMmAg)	Agricultural Economic Analysis Group		Reports on Annual Forecasts based on IO-Macro-Commodity Link Model	→																			
<b>4.2. Identify additional economic data necessary for analysis and conduct surveys/studies for the required data (costs, consumption, marketing, etc.)</b>	Agricultural Economic Analysis Group			→																			
<b>4.3. Conduct users' training for analyses using these models</b>	Agricultural Economic Analysis Group		Agricultural Economic Analysis Models and its Application			★		★		★		★		★		★		★		★		★	
<Inputs>																							
4.4 Counterpart Training in Japan	Agricultural Economic Analysis Group		Capacity development for counterparts to be a analyst and a presenter to the seminars or workshop.					★					★					★					★
4.5 Short-term expert from Japan	Shunichi Furukawa		Training and advising the methodologies for economic analyses and construction of models.	→																			

**Plan of Operation (Output & Activities -5years-)**  
**Output 5. Training capacity of OAE staff is developed.**

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Output	Indicator	1st Year				2nd Year				3rd Year				4th Year						
		J-S 03	O-D 03	J-M 04	A-J 04	J-S 04	O-D 04	J-M 05	A-J 05	J-S 05	O-D 05	J-M 06	A-J 06	J-S 06	O-D 06	J-M 07	A-J 07	J-S 07	O-D 07	
5. Training capacity of OAE staff is developed.	5.1 8 training courses are conducted every year for the staff of OAE and ROAE in statistical data collection, data processing / information network system and economic analysis, through which 300 staff members are trained each year.			◆				◆				◆				◆				
	5.2 OAE has 15 staff members who can teach agricultural statistics and information to ROAE staff members and each ROAE has 3 staff members who can teach data collection methodologies to enumerators.			◆				◆				◆				◆				

Activities	In Charge	Results	1st Year				2nd Year				3rd Year				4th Year					
			J-S 03	O-D 03	J-M 04	A-J 04	J-S 04	O-D 04	J-M 05	A-J 05	J-S 05	O-D 05	J-M 06	A-J 06	J-S 06	O-D 06	J-M 07	A-J 07	J-S 07	O-D 07
<u>5-1 Plan and impelment training courses.</u>																				
5-1-1 Study the training system and identify problems	Training group	Report of the present situation.	→																	
5-1-2 Implement training courses																				
5-1-2-1 Prepare annual plan of training courses	Training group	OAE staff acquires capacity to organize workshop and training.		→				→							→					
5-1-2-2 Implement training courses following the plan.		ROAE	ROAE staff acquires capacity to organize regional training and workshops	→																
<u>5-2 Evaluate training courses and develop manuals.</u>																				
5-2-1 Evaluate training courses and improve training skills in subsequent programs	Training group	Improve teaching skill			→															
5-2-2 Develop manuals		Make intelligible manuals			→															
5-2-3 Develop and maintain library of manuals		Refer to knowledge and share experience.				→														

<Inputs>																				
Technical exchange in Indonesia		Exchange each idea on training																		★
C/P Training in Japan		Obtain new knowledge and skill																		★