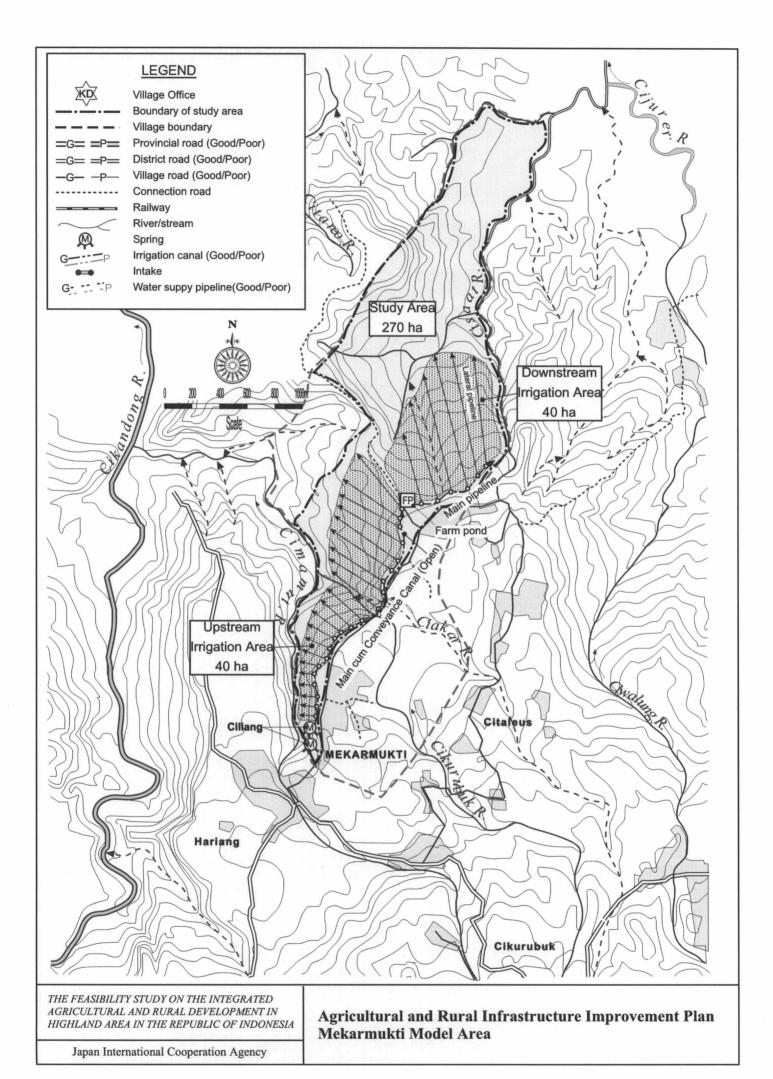
Basic Development Plan of Mekarmukti Model Area (PDM) 3.3.7

Target Group: Farmers in Mekarmukti Mo	del Area (includ			Project Term: 5 years
Project Summary		Verifiable Indicators	Means of Verification	Important Assumptions
Overall Goal Development model of the mode expanded over highland area of Province.		Increased number of similar schemes	- District and Subdistrict Agricultural Service Offices	- Ministry of Agriculture continuously adopts the horticultural dev. policy.
Project Purpose Farmers' income is increased and I dard is improved through stabil vegetable production.		Increase rate of farm income (to be adjusted using GDP deflator)	- Farm surveys to be made in project monitoring works	- Economic situations of Indonesia do not aggravate seriously.
Outputs 1. Vegetable production system is impro- 1-1 Irrigation water is supplied. 1-2 Research information on vegetable vation technology is available. 1-3 Farmers' vegetable production tech improved. 2. Marketing system of vegetable p improved. 2-1 Farmers' collection and delivery ac improved. 2-2 Crop planning is formulated by farm on market needs. 3. Farmers' organizations are activate cultural dev. 3-1 Farmers/farmer groups are reorganized 3-2 Capacity of farmers' organizations is in O&M of rural facilities, marketing bles, farm inputs & credit supply, and tional management.	roducts is - tivities are - mers based d in agri- s improved of vegeta-	Vegetable cropping intensity Unit yields of vegetable crops Amount of farm inputs Amount and value of jointly delivered vegetables Changes in cropping intensity Date of registration and number of members Planned and actual cropping patterns Number of credit users and loan amount Handling amount and value of farm inputs Operation of Farmers' Cooperative Operation of Farm Water Users Association	- Record of Farm Water Users - Association Farm surveys - Farm surveys - Record of Farmers' Cooperative Record of WUA/Farm surveys - Registration records of Coop and WUA - Record of WUA and farm surveys Record of Farmers' Cooperative Record of Farmers' Cooperative Record of Farmers' Cooperative Record of Farmers' Cooperative	Existing marketing and transportation system for vegetables do not aggravate seriously. Relevant research institutes continue their research works.
			Cooperative Balance sheet of Farm Water Users Association	
Activities		Inputs for this Model Area	(Inputs for All Model Areas)	
To develop irrigation facility. To establish linkage with relevan institutes.	t research 1.	Manpower - Village Coordinators: 216M/M (Rp.432 mil.)	1. Manpower - External experts: 540 M/M (Rp.25,290 mil.)	 Cooperation of relevant research institutes is provided.
1-3 To operate farmers field school a demo-plots.	along with 2.	Facility	Facility Adaptive Trial Farm Im-	- Cooperation of relevant agencies at provincial, district and subdistrict
2-1 To improve collection and delivery favegetable products.	acilities for	- Irrigation facility: 80 ha (Rp.872 mil.) - Collection/delivery facility: 8	provement: 2 ha (Rp.320 mil.)	levels is provided. - Cooperation of private
2-2 To train farmers on crop planning market needs involving private sector		units (Rp. 80 mil.)	3. Machine/Equipment	sector is provided.
3-1 To train farmers/farmer groups in Farmers' Cooperative, Farm War Association, and Rural Water Sup Association.	ter Users	Training of farmers/farmer groups/ farmers' organizations: (Rp.201 mil.)	 Car: 2 units Computer: 5 units Photo copy machine: 1 unit Motorcycle for Village Coordinator: 25 units 	
3-2 To train farmers' organizations on: 3-2.1 operation and management facility, 3-2.2 joint purchase of farm inputs an 3-2.3 joint collection and delivery or products, 3-2.4 post-harvest handling and packations are selected as a selected for the product of the	d tools, 5. Evegetable signing,	Training of Village Coordinators: (Rp. 13 mil.) Administration cost: (Rp.160 mil.)	(Rp.425mil.) 4. Training of Task Team: (Rp.471 mil.) 5. Administration cost: (Rp.2,650 mil.)	Pre-conditions - Farmers in the model area participate in the Project Ministry of Agriculture and West Java Province Agricultural Service Office continue their support to the Project.
		Total Cost: Rp.1,758 million	Total Cost: Rp.29,156 million	



3.3.8 Basic Development Plan of Cisantana Model Area (PDM)

Target Group: Farmers in Cisantana Model Area (including tenant farmers) Project Term: 5 years **Project Summary** Verifiable Indicators Means of Verification Important Assumptions Overall Goal Development model of the model area is number Increased of District and Subdistrict Ministry of Agriculture expanded over highland area of West Java continuously adopts the schemes Agricultural Service Offices horticultural dev. policy. Province Project Purpose Farmers' income is increased and living stan-Increase rate of farm income (to be Farm surveys to be made in Economic situations dard is improved through stabilization of adjusted using GDP deflator) project monitoring works Indonesia do not aggravate vegetable production. seriously. Outputs Vegetable production system is improved. Irrigation water is supplied together Vegetable cropping intensity Record of Farm Water Users Existing marketing and Unit yields of vegetable crops transportation system for domestic water. Association Research information on vegetable crop culti-Farm surveys vegetables do not aggravation technology is available. Amount of farm inputs vate seriously. 1-3 Farmers' vegetable production technology is Farm surveys Relevant research instiimproved. tutes continue their re-Amount and value of jointly delivsearch works. Marketing system of vegetable products is ered vegetables Record of Farmers' Cooperaimproved. Number of in-coming middlemen 2-1 Farmers' collection and delivery activities are Changes in cropping intensity Information from Farmers improved. Cooperative Village transportation system is improved. Record of WUA/Farm sur-2-3 Crop planning is formulated by farmers based Date of registration and number of on market needs. members Planned and actual cropping pat-Farmers' organizations are activated in agriterns Registration records of Coop. cultural dev. 3-1 Number of credit users and loan Farmers/farmer groups are reorganized. Record of WUA and farm amount Capacity of farmers' organizations is improved Handling amount and value of farm survevs in O&M of rural facilities, marketing of vegeta-Record of Farmers' Cooperainputs bles, farm inputs & credit supply, and organiza-Operation of Farmers' Cooperative tive tional management. Operation of Farm Water Users Record of Farmers' Coopera-Association tive Operation of Rural Water Supply Balance sheet of Farmers' Users Associat. Cooperative Balance sheet of Farm Water Users Association Balance sheet of Rural Water Supply Users Ass. Inputs for this Model Area (Inputs for All Model Areas) Activities To develop irrigation facility including rural Cooperation of relevant 1-1 Manpower Manpower - External experts: 540 M/M water supply - Village Coordinators: 324M/M research institutes provided. 1-2 To establish linkage with relevant research (Rp.25,290 mil.) (Rp.648 mil.) institutes. Cooperation of relevant Facility To operate farmers field school along with 2. 1-3 agencies at provincial, Facility - Adaptive Trial Farm Imdemo-plots. district and subdistrict - Irrigation facility: 120 ha provement: 2 ha levels is provided. (Rp.937 mil.) To improve collection and delivery facilities for - Village marketing road: 3 km (Rp.320 mil.) Cooperation of private vegetable products. sector is provided. (Rp.450 mil.) To improve village marketing road. Machine/Equipment Collection/delivery facility: 12 To train farmers on crop planning based on - Car: 2 units units market needs involving private sector. (Rp. 120 mil.) - Computer: 5 units - Photo copy machine: 1 unit - Rural water supply system: 500 To train farmers/farmer groups in forming - Motorcycle for Village 3-1 households Farmers' Cooperative, Farm Water Users Coordinator: 25 units (Rp.250 mil.) Association, and Rural Water Supply Users (Rp.425mil.) Training of Task Team: Pre-conditions Association. Training of farmers/farmer groups/ (Rp.471 mil.) To train farmers' organizations on: Farmers in the model area farmers' organizations: 3-2.1 operation and management of rural participate in the Project. (Rp.254 mil.) facility, Administration cost: Ministry of Agriculture 3-2.2 joint purchase of farm inputs and tools, (Rp.2,650 mil.) and West Java Province Training of Village Coordinators: 3-2.3 joint collection and delivery of vegetable (Rp. 16 mil.) Agricultural Service Office continue their support to 3-2.4 post-harvest handling and packaging, 5. the Project. Administration cost: 3-2.5 credit handling and management, and (Rp.268 mil.)

Total Cost: Rp.2,943 million

Total Cost: Rp.29,156 million

3-2.6 organization management.

