

**MINISTRY OF AGRICULTURE, LIVESTOCK,
AQUACULTURE AND FISHERIES OF THE REPUBLIC OF ECUADOR
(MAGAP)**

**THE STUDY
ON
THE PLAN OF REORGANIZATION OF
THE AGRICULTURE SUPPORTING SERVICES,
COPING WITH POVERTY ALLEVIATION
FOR RURAL PEASANT IN MOUNTAINOUS AREA
IN
THE REPUBLIC OF ECUADOR**

FINAL REPORT

ANNEX

SEPTEMBER 2010

JAPAN INTERNATIONAL COOPERATION AGENCY

**ORIENTAL CONSULTANTS CO., LTD.
SANYU CONSULTANTS INC.**

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Annex 1

Working Group (Program, Presentation Materials)

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Second Meeting of the Working Group	27 May, 2009
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Annex 1

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FIRST MEETING OF THE WORKING GROUP

Program

Date: Wednesday, 23 de March of 2009

Agenda:

HOUR	INTSITUATION	RESPONSIBLE PERSON	DESCRIPTION
09:00 - 09:25	Cooperation International	Ing. Irene Schuldt	Aperture and explication of the agenda
09:25 – 10:10	JICA Study	Ing. Nagai Kazuo	Explication of the inception report
10:10 - 11:00	INIAP	Ing. Fausto Merino	Presentation of INIAP's projects as good practice
11:20 - 11:45	MAGAP - DOA	Ing. Irene Shuldt	Question and Answer, Comments
11:45 - 12:25	JICA Study	Ing. NAKAMURA	Technical Transfer Seminar (Presentation of Nicaragua Project as good practice)

Objetivos:

The objectives of the first workgroup meeting following detailed;

- 1 . Submit a summary of the study, such as background, purpose, schedule, activities, methodology and so forth, the working group members make consensus to work together.
- 2 . Share forecast of working group activity, and explain each session which will take a theme related to the study.
- 3 . Mutual Understanding on small-scale farmers in the working group meetings, based on knowledge and experience.
- 4 . Submit projects as a good example or implementation by JICA Study Team in another country, according to the request of the MAGAP JICA expert, Mr. Yamashita.

Output:

- 1 . All participants have reached an agreement for the study contents among them.
- 2 . The presentation of good practice can be applied in Ecuador.
- 3 . The theme of the next meeting is a good practice for agricultural support services to small-scale farmers under compartmentalized public administration in Ecuador.

PARTICIPANTS LIST FOR FIRST MEETING OF THE WORKING GROUP

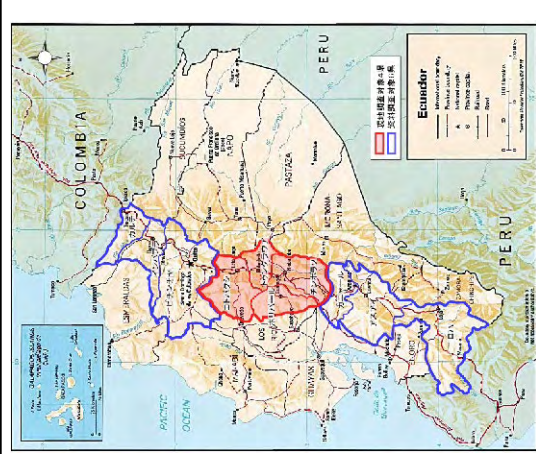
Institution/Working Place/Section		Name	Position	
MAGAP	Quito	Cooperacion Internacitonal	Irene Schuldt	Ing. Directora
			Hector Jaramillo	Lic. Técnico
			Martha Naranjo	Sra. Secretaria
			María A. Moscoso	Dra. Tecnica
			Mauricio Rivera	Teni. Técnico
	Quito	Desarrollo Rural	David Espinoza	
		Subsecretaría de la Planificacion	Pablo Erazo	Ing.
			Marcelo Torres	Dr. Coordinador Planificación para el Desarrollo Agropecuario
	Subsecretaría Fomento Ganadero	Estuardo Villagómez	Dr.	
	Tungurahua	Direccion Provincial de Tungurahua	Fabian Valencia Tamayo	Ing. Director
INAR	Quito	Fernando Herrera		
		Viviana Ortiz	Ing. Esta trabajando en la provincia de el Oro	
INCCA	Quito	Luis Oña	Dr. Técnico Seguimiento y Evaluación	
INDA	Quito	Ivone Herrera	Dra. Asesora de la Dirección Ejecutiva	
INIAP	Quito	Cristina Iglesias	Ing. Coordinadora	

The Plan of Reorganization of
The Agricultural Supporting Services, Coping
with The Poverty Alleviation for Rural Small
Scale Farmers
in The Mountainous Area
in The Republic of Ecuador

February 2009

JICA Study Team
MAGAP, Department of International Cooperation

Study Area



Background of Study

- **Actual Condition**
Lots of small farmers in the Country live in the Sierra region.
- **Policy of Supporting Small Producers by MAGAP**
 - Improvement of access to the agricultural support
 - Reorganization of agricultural services in public and private sectors.
 - Preparation of development plan in various levels.

• **Actual condition of agricultural support**

- Charged Services ->
Difficulty of Access to Services of Support
Lack of Techniques, Staff, and Finance ->
Not permit effective agricultural services
- ➔
- Necessity of effective and efficient
Supporting system for small producers -

Objective of the Study

- To increase productivity of agriculture -
- To elaborate the plan of reorganization of the agriculture supporting services for rural small scale farmers in the mountainous area of the Sierra region
- To propose means of supporting agriculture to the central and local governments in the Sierra region.
- To reinforce an ability of the counterparts for investigation and planning of the development project, through process of the Study.

Study Area

- Targeted Study Provinces investigated through material :10 provinces; CARCHI, IMBABURA, PICHINCHA (Included new province of Santo Domingo de los Tsáchilas), COTOPAXI, TUNGURAHUA, BOLIVAR, CHIMBORAZO, CANAR, AZUAY, LOJA
- Targeted Study Provinces investigated through field works : 4 provinces of the above 10 provinces; COTOPAXI, TUNGURAHUA, BOLIVAR, CHIMBORAZO

Study Period and Scope of Work

First year

(2009/02 -> 2009/10)

1. Analysis of the actual condition of supporting system of agriculture for small scaled farmers.
2. Identification of need of small scaled farmers for agricultural support.

Second year

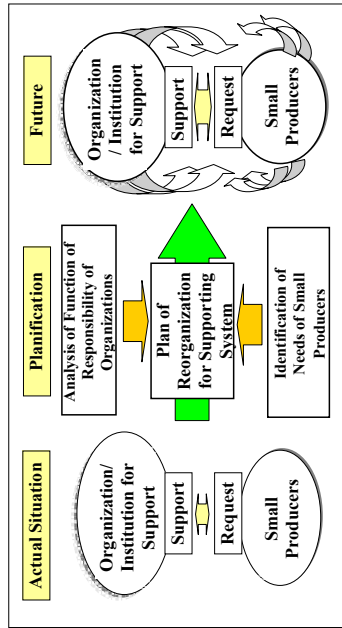
(2010/02 -> 2010/07)

3. Identification of agricultural technology needed for small scaled farmers in rural region.
4. Formulation of plan of reorganization for agricultural supporting system for small scaled farmers.

Counterpart

- Main counterpart agency :
Ministry of Agriculture, Livestock, Aquaculture and Fishery (MAGAP)
- Related institutions :
National Autonomous Institute of Agricultural Investigation (INIAP) ,
National Institute of Campesino Training (INCCA) ,
National Development Bank (BNF) ,
Provincial Governments of Cotopaxi, Tungurahua, Bolivar and Chimborazo

Diagram of Concept of Plan



Basic Policy of Execution of Study

1. Identification of Needs of Small Producers through Work Shop

- Core Problem of Problem Analysis: "Low Agricultural Productivity"
- ◆ Profile of Agricultural Production in Communities (Farmers Organization, Irrigation System, Agricultural Support, etc.)
- ◆ Participants Analysis (Cultivated Areas, Agricultural Products, Products of Animal Husbandry, etc.)
- ◆ Problem Analysis
 - Participation of Experts of Organizations for Support -

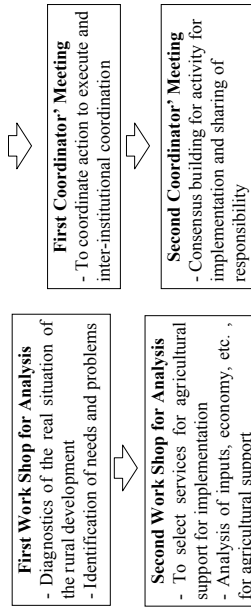
2. Provision of Efficient and Effective Services with Level of Small Producers

- "Service of Agricultural Support"
- A support that is near to producers, small, and low level goes progressively, working together with administration sectors; or
- To assure benefit direct for small producers through the activity of farmers organization.

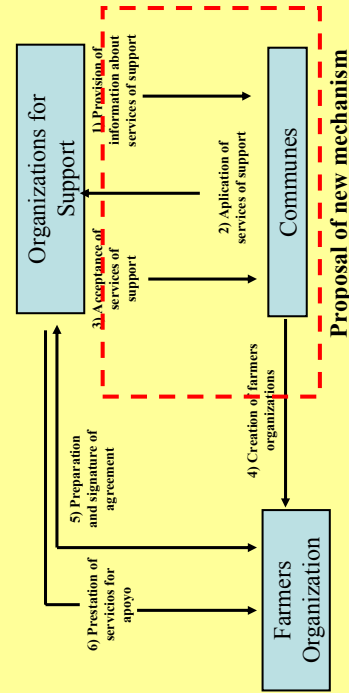
3. Analysis and selection of services for support in consideration of capacity of organizations for support

- Registration: Previous condition for the implementation of projects
- Technology: Services feasible with actual technical level
- Human Resources: Based on actual operating capacity of the organizations for support
- Finance: Services for support feasible with actual budget
- Inter-institutional coordination: Coordination between MAGAP and the related organizations for support

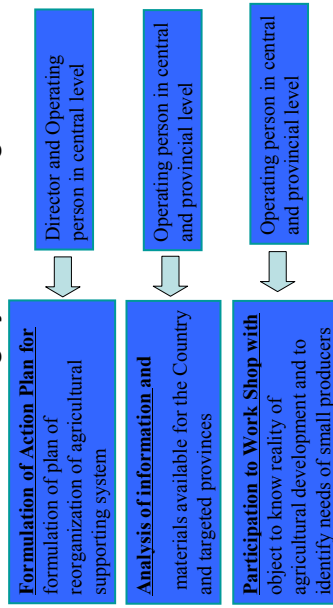
4. Formulation of Reorganization Plan highly feasible through exchange of opinions

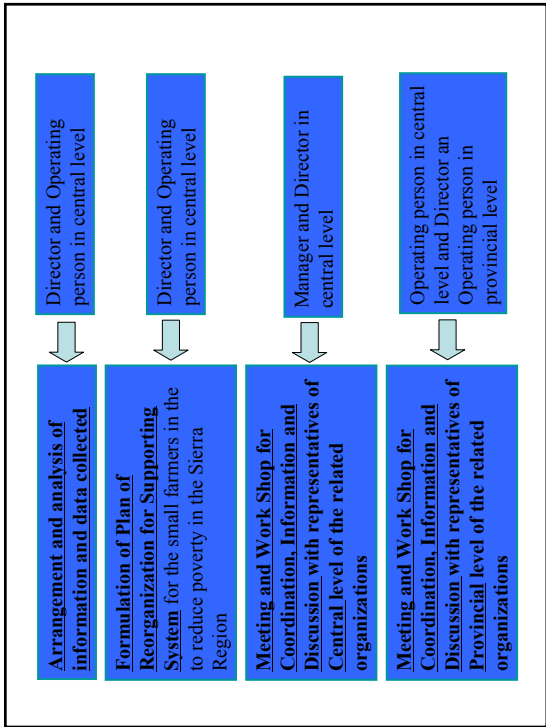


5. Revision of recipient of support



Basic Policy of Management of Study through joint working





Thank You!

SECOND MEETING OF THE WORKING GROUP

Program

Date: Wednesday, 27 de Mayo del 2009

Agenda:

Time	Institution	Expositor	Contents
09:00 - 09:25	Cooperation International JICA Study	Ing. Irene Schuldt Ing. Nagai Kazuo	Aperture Explication of Objectives
09:25 - 10:10	MAGAP – Undersecretary of Livestock Promotion	Dr. Marcelo Torres Ing. Estuardo Villagomez	Presentation and Exposition of projects with good practice Questions and Answers
10:10 - 11:00	INIAP	Ing. Fausto Merino	Presentation and Exposition of projects with good practice Questions and Answers
11:00 - 11:20	Coffee Break		
11:20 - 11:45	MAGAP – Department of Agriculture Development	Ing. David Espinoza	Presentation and Exposition of projects with good practice Questions and Answers
11:45 - 12:25	INCCA	Ing. Franklin Rivera	Presentation and Exposition of projects with good practice Questions and Answers
12:25 - 13:20	Lunch Time		
13:20 - 13:50	INAR	Ing. Viviana Ortiz Ing. Ximena Rojas	Presentation and Exposition of projects with good practice Questions and Answers
13:50 - 14:20	BNF	Ing. Santiago Tello	Presentation and Exposition of projects with good practice Questions and Answers
14:20 - 14:30	Cooperation International JICA Study	Ing. Nakamura Akira	Closing Remarks Third Meeting of the Working Group

PARTICIPANTS LIST FOR SECOND MEETING OF THE WORKING GROUP

Institution/Working Place/Section			Name	Position	
MAGAP	Quito	Cooperacion Internacional	Irene Schuldt	Ing.	Directora
			Hector Jaramillo	Lic.	Técnico
			María A. Moscoso	Dra.	Tecnica
			Mauricio Rivera	Teni.	Técnico
	Quito	Desarrollo Rural	David Espinoza		
		Subsecretaría de Planificacion	Pablo Erazo	Ing.	
			Marcelo Torres	Dr.	Coordinador Planificación para el Desarrollo Agropecuario
		Subsecretaría Fomento Ganadero	Estuardo Villagómez	Dr.	
	Tungurahua	Direccion Provincial de Tungurahua	Fabian Valencia Tamayo	Ing.	Director
	Chimborazo	Subsecretaria Regional de la Sierra	Angel Vaca	Ing.	Coordinador
BNF	Quito	Monica Ruiz	Ing.	Técnica	
		Santiago Tello	Econ.		
		Gíno Caicedo	Econ.		
Consejo Provincial	Tungurahua	Fernando Herrera			
INAR	Quito	Lenin Tobar	Econ.	Jefe de Fortalecimiento Organizacional	
		Viviana Ortiz	Ing.	Esta trabajando en la provincia de el Oro	
		Ximena Rojas	Ing.	Directora de Desarrollo y Fortalecimiento	
INCCA	Quito	Franklin Rivera	Ing.		
		Luis Oña	Dr.	Técnico Seguimiento y Evaluación	
INDA	Quito	Ivone Herrera	Dra.	Asesora de la Dirección Ejecutiva	
INIAP	Quito	Cristina Iglesias	Ing.	Coordinadora	
		Fausto Merino	Ing.	Director Nacional Transferencia	

THIRD MEETING OF THE WORKING GROUP

Program

Venue: Hotel Ambato (Address :Guayaquil y Rocafuerte, Ambato, Tungurahua)

Date & Time: From 09:30 to 14:20, Monday, 22 June of 2009

Agenda:

HOUR	CONTENTS	ENCARGADO
09:30 - 09:35	Opening Remarks Objectives of Meeting	Cooperation International. JICA Study Team
09:35 - 09:40	Introduction of Participants. Presentation of Program.	Cooperation International.
09:40 - 10:10	Presentation of Projects with good practice Questions and Answers	Undersecretary of Sierra Region
10:10 - 10:40	Presentation of Progress Report Questions and Answers	JICA Study Team
10:40 - 10:50	Coffee Break	
10:50 - 11:10	Presentation of current mechanisms used by the institutions for the Identification of Needs of Small Producers and propose new ideas to improve this process.	INIAP
11:10 - 11:30		INAR
11:30 - 12:00	Technological innovation system and extension in Latin America	JICA Study Team
12:00 - 12:10	Presentation of Plans related with JICA Study	Cooperation International. JICA Study Team
12:10 - 12:20	Closing remarks	Cooperation International. JICA Study Team
12:20 - 13:00	Lunch Time	
13:00 - 13:35	Forestry Initiatives	Ing. Shinji Koto
13:35 - 14:20	Project for Poverty Reduction through the use of Pinon	Ing. Takashi Fujita

PARTICIPANTS LIST FOR THIRD MEETING OF THE WORKING GROUP

Institution/Working Place/Section		Name	Position	
MAGAP	Quito	Cooperacion	Hector Jaramillo	Lic. Técnico
	Quito	Internacional	Mauricio Rivera	Teni. Técnico
	Quito	Desarrollo Rural	David Espinoza	
	Quito	Subsecretaría de Planificación	Pablo Erazo	Ing.
	Quito	Subsecretaría de Planificación	Marcelo Torres	Dr. Coordinador Planificación para el Desarrollo Agropecuario
	Quito	Subsecretaría Fomento Ganadero	Estuardo Villagómez	Dr.
	Quito	Subsecretaría de Fomento Agrícola	Tereza Jaque	Lic. Asesora
	Tungurahua	Dirección Provincial de Tungurahua	Fabian Valencia Tamayo	Ing. Director
	Chimborazo	Subsecretaría Regional de la Sierra	Angel Vaca	Ing. Coordinador
BNF	Quito	Monica Ruiz	Ing.	Técnica
		Santiago Tello	Econ.	
		Gino Caicedo	Econ.	
INAR	Quito	Fernando Herrera		
		Lenin Tobar	Econ.	Jefe de Fortalecimiento Organizacional
		Viviana Ortiz	Ing.	Esta trabajando en la provincia de el Oro
		Ximena Rojas	Ing.	Directora de Desarrollo y Fortalecimiento
INCCA	Quito	Franklin Rivera	Ing.	
		Luis Oña	Dr.	Técnico Seguimiento y Evaluación
INDA	Quito	Ivone Herrera	Dra.	Asesora de la Dirección Ejecutiva
INIAP	Quito	Cristina Iglesias	Ing.	Coordinadora
		Fausto Merino	Ing.	Director Nacional Transferencia

The Plan of Reorganization of The Agricultural Supporting Services, Coping with The Poverty Alleviation for Rural Small Scale Farmers in The Mountainous Area in The Republic of Ecuador

Progress Report

Quito, June 2009

JICA Study Team
MAGAP, Department of International Cooperation

1

Study Area



Study Period and Scope of Work

First year

(2009/02 -> 2009/10)

1. Analysis of the actual condition of supporting system of agriculture for small scaled farmers.
2. Identification of need of small scaled farmers for agricultural support.

Second year

(2010/02 -> 2010/07)

3. Identification of agricultural technology needed for small scaled farmers in rural region.
4. Formulation of plan of reorganization for agricultural supporting system for small scaled farmers.

3

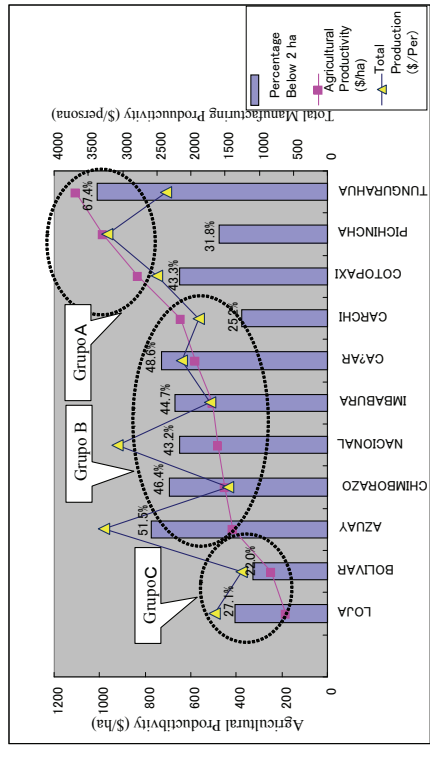
Contentes of the Progress Report

1. Actual Situation of Small Scale Farmers with Requirement of Support Service
2. New Constitution and Plan for Agricultural Support for Small Scale Farmers
3. Organizations and Institutions carrying out Agricultural Support for Small Scale Farmers
4. Plans, Programs and Projects aimed at Agricultural Support for Small Scale Farmers
5. Situación Real de los Pequeños Productores (as) que demandan el Servicio de Apoyo

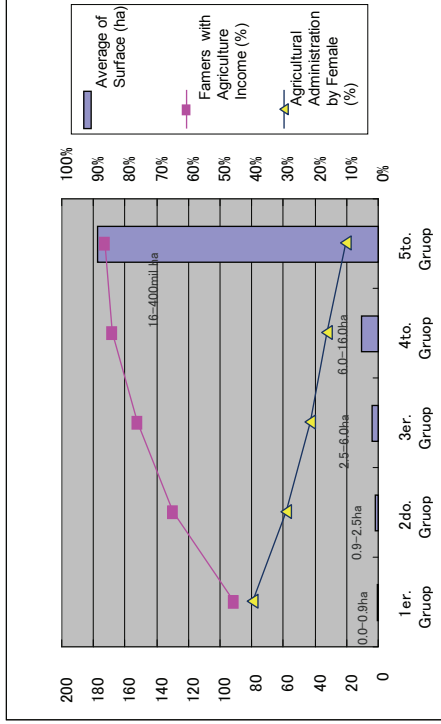
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Actual Situation of Small Scale Farmers with Requirement of Support Service:

Total Manufacturing Productivity and Crop Production



Actual Situation of Small Scale Farmers with Requirement of Support Service: Característica de Agricultores Administracion



New Constitution and Plan for Agricultural Support for Small Scale Farmers

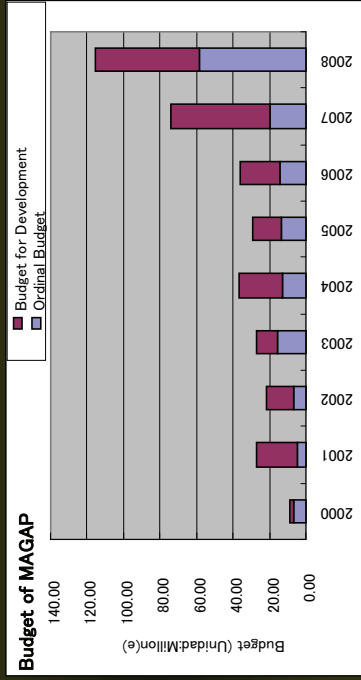
- ◆ **Art 281:**
 - Food sovereignty is a strategic objective and obligation of the State
- ◆ **Art 282:**
 - A National Land Fund, established by law, regulate the equitable access of peasants to land.
 - Prohibit large property and the concentration of land and hoarding or privatization of water and its sources .
 - The State shall regulate the use and management of irrigation water.

National Development Plan and Policies

- ◆ National Development Plan 2007-2010
- ◆ State policies for the Ecuadorian Agro2007-2020
- ◆ Policies for Crop Prioritized Strategic en National Development Plan2007-2010

Organizations and Institutions carrying out Agricultural Support for Small Scale Farmers

Ministry of Agriculture, Livestock, Aquaculture y Fisheries (MAGAP)



Agricultural Support for Small Scale Farmers

- National Institute of Irrigation (INAR)
- National Institute of Agrarian Development (INDA)
- National Autonomous Institute for Agricultural Research of Ecuador (INIAP)
- National Rural Training Institute (INCCA)
- National Development Bank (BNF)
- Provincial, Cantonal and Parroquial governments,
- Ministry of Economic and Social Inclusion (MIES)

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Plans, Programs and Projects aimed at Agricultural Support for Small Scale Farmers

Revitalization Plan for Agricultural Productive Sector 2007-2011

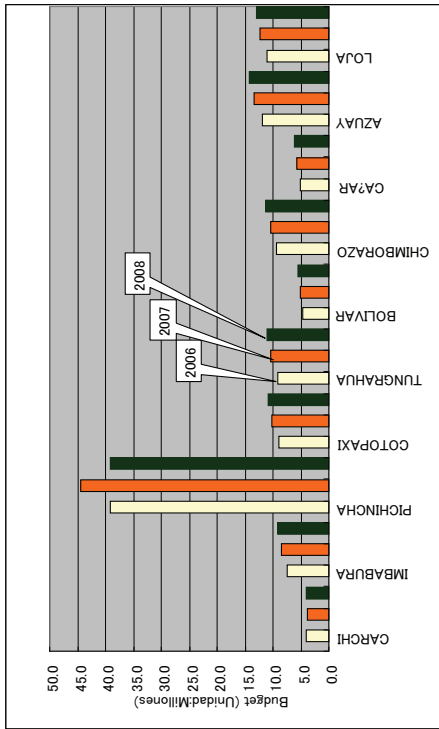
- Objectives -
- 1) Strengthen and increase competitiveness in the domestic and international agricultural sector in Ecuador.
 - 2) Strengthen agricultural production of small and medium scale producers and ensure the production of basic food of the Ecuadorian people.

Plans, Programs and Projects aimed at Agricultural Support for Small Scale Farmers

Plan de Reactivación Productiva del Sector Agropecuario 2007-2011

- Mejoramiento de los Cultivos Básicos: INIAP
- Organización Campesina: MAGAP (DOA)
- Financiamiento a los Productores: BNF
- Infraestructuras de Producción: INAR, INDA
- Asistencia Técnica: INCCA
(la tecnología especializada como es el control de www.famuc.edu.ec/revista/revista/revista.html)

Budget of Provincial Government



Muchas Gracias

Projects Implemented in the cantonal level

Detailed Activities	No.	Detailed Actividad	No.
Irrigation	17	Humus	5
Technical Support	16	Conservation of Forestry	5
Comercialization	14	Dairy Produccion	4
Collection	9	Artificial insemination	4
Agroforestry	9	Potatos	4
Cuy	8	Agroecological Projects	4
Nursery for Forestry	7	Watershed Management	4
Animal husbandry	6	Waste Management	4
Family Gardens(Including Fruits)	5	Training / microenterprise / Financing	4

Forth meeting of the Working Group

Program

- Objectives:
- Share framework of working group
 - Share projects as a good practice of "Agricultural Support Service" targeted small-scale farmers
 - Identify improvement of agricultural support services for small-scale farmers
- Venue: Mesón Colonial/Cafe Querrida,
Tarqui 514 entre Snchez y Quito frente al Consejo Provincial de Cotopaxi
- Date & Time: Wednesday, 7 October 2009
- Agenda:

HOUR		ACTIVITY	Responsible Person
INITIAL	FINAL		
09h30	09h40	Opening Remarks& Introduction of Participants	Cooperation International of MAGAP
09h40	10h00	Presentation de Framework of the Working Group	Undersecretary of Sierra Region of MAGAP
10h00	12h30	4 Presentations of projects as good practice of "Agricultural Support Service" targeted small-scale farmers (Each presentation will be in 25 minutes, and question and answer will be in 10 minutes)	Provincial Direction Provincial of MAGAP Provincial Council of Chimborazo INAR in Chimborazo BNF in Riobamba (in coordination with 4 institutions)
12h30	13h30	Lunch	
13h30	14h45	Problem Tree Workshop to identify improvements of support service for small-scale farmers	MAGAP & JICA Study Team
14h45	15h00	Conclusions and end of the event	MAGAP & JICA Study Team

PARTICIPANTS LIST FOR FOURTH MEETING OF THE WORKING GROUP

Institution/Working Place/Section			Name		Position	
MAGAP	Quito	Cooperación Internacional	María A. Moscoso	Dra.	Técnica	
	Cotopaxi	Dirección Provincial de Cotopaxi	Nervo Alban	Ing.	Técnico	
			Víctor Fiallos	Ing.	Técnico	
			Franklin Pilataxi	Ing.		
	Tungurahua	Dirección Provincial de Tungurahua	Fabian Valencia	Ing.	Director	
			Rusvel Rios	Ing.	Coordinador	
			Josué Salazar	Ing.	Coordinador	
	Bolívar	Dirección Provincial de Bolívar	Luis Rivera	Ing.	Director	
			Rodolfo Camacho	Sr.	Técnico	
			Edwin Lara	Ing.	Coordinador	
	Chimborazo	Dirección Provincial de Chimborazo	Alfredo Chuquimarca	Ing.	Técnico	
		Secretaría Regional de la Sierra	Angel Vaca	Ing.	Coordinador	
BNF	Cotopaxi		Victor Masapanta	Lic.	Gerente	
	Tungurahua		Irene Ropez	Ing.		
	Bolívar		Claudio Solano	Ing.	Gerente	
			Juan Carlos Bravo	Ing.	Crédito	
			Leonor Medranda E.	Dra.	Crédito	
	Chimborazo		Edison Carrillo	Ing.	Gerente	
Alexandra Acaig Mesa			Ing.	Supervisora de Crédito		
Consejo Provincial	Cotopaxi		Santiago Díaz	Ing.	Técnico	
	Chimborazo		Juan Carlos Arellano	Ing.	Técnico	
INAR	Quito		Ramiro Naros	Ing.	Director de Planificación	
			Martha Cecilia Burgos	Econ.	Coordinadora	
			Ximena Rojas	Ing.	Directora de Desarrollo y Fortalecimiento	
			Hector Espinosa	Ing.	Planificación	
			Andrea Herrera	Ing.	Comunicación Social	
	Cotopaxi		Jessica Reinoso			
			Luis Salazar			
	Tungurahua		Patricia Nuñez	Ing.	Directora Regional	
Chimborazo		Jorge Cevallos	Ing.	Desarrollo		
		Wilson López	Ing.	Dirección Regional		
INCCA	Chimborazo		Mario Logroño	Ing.	Delegado Regional	
INDA	Quito		Galo Celdao	Ing.		
	Cotopaxi		Guillermo Sánchez Flores	Ing.		
	Tungurahua		Geovany Noboa	Econ.	Coordinador	
	Chimborazo		Karina Vega	Ing.	Directora Regional	
INIAP	Quito		Adrian Carrera	Ing.		
			Fernando Chávez	Ing.	Técnico VTC	
	Cotopaxi		José G. Camacho	Ing.	Coordinador UTT-C	
	Chimborazo		Pedro Llangari	Ing.		



Ministerio de Agricultura, Ganadería, Acuacultura y Pesca
 Agencia de Cooperación Internacional de Japón



The Plan of Reorganization of
 The Agricultural Supporting Services, Coping with The Poverty Alleviation
 for Rural Small Scale Farmers in The Mountainous Area
 in The Republic of Ecuador

Fourth Meeting of the Working Group

in
 Study for "Analysis of the current agricultural development activities and
 identify the needs of agricultural support services
 for small scale producers / farmers

Latacunga in Province of Cotopaxi, October 2009

Agenda

HOUR		ACTIVITY	Responsible Person
INITIAL	FINAL		
09h30	09h40	Opening Remarks & Introduction of Participants	Cooperation International of MAGAP
09h40	10h00	Presentation de Framework of the Working Group	Undersecretary of Sierra Region of MAGAP
10h00	12h30	4 Presentations of projects as good practice of "Agricultural Support Service" targeted small-scale farmers (Each presentation will be in 25 minutes, and question and answer will be in 10 minutes)	Provincial Direction Provincial of MAGAP Provincial Council of Chimborazo INAR in Chimborazo BNF in Riobamba (in coordination with 4 institutions)
12h30	13h30	Lunch	
13h30	14h45	Problem Tree Workshop to identify improvements of support service for small-scale farmers	MAGAP & JICA Study Team
14h45	15h00	Conclusions and end of the event	MAGAP & JICA Study Team

Presentation Framework Working Group

- Background
- JICA Study Objectives
- JICA Study Area
- JICA Study Period
- Executing Agency and Other Agencies and Institutions Relevant
- JICA Study Components
- Objective of Activities in the Working Group
- Expected Result Activities in the Working Group
- Participating in Activities Working Group Antecedente

Background

The Government of Ecuador has requested Japan's cooperation to improve agricultural support services to central and local level to provide efficient and effective support to small scale producers. In response to this request, conducted a preliminary study in February and March 2008. Based on the preliminary study, the Japan International Cooperation Agency (JICA) decided to send a study team headed by Mr. Takashi Fujita Oriental Consultants Co., Ltd (OC) from February 18, 2009.

Study to develop the Plan of Reorganization of Agricultural Support Services targeted to small producers / Producers for Poverty Reduction in the area of the Sierra of the Republic of Ecuador

JICA Study Objectives

Finalidad:

To increase productivity of agriculture

Objetivos:

- To elaborate the plan of reorganization of the agriculture supporting services for rural small scale farmers in the mountainous area of the Sierra region
- To reinforce an ability of the counterparts for investigation and planning of the development project, through process of the Study.

JICA Study Area

Targeted Study Provinces investigated through material :10 provinces

- (1) Target Provinces through secondary sources;
Carchi, Imbabura, Pichincha, Cañar, Azuay y Loja
- (2) Target Provinces to the technical visits;
Cotopaxi, Tungurahua, Bolívar y Chimborazo



JICA Study Period

From: February 2009

To: July 2010

Executing Agency and Other Agencies and Institutions Relevant

- Ministry of Agriculture, Livestock, Aquaculture and Fisheries (MAGAP)
- National Autonomous Institute for Agricultural Research of Ecuador (INIAP)
- National Institute of Irrigation (INAR)
- National Rural Training Institute (INCCA)
- National Institute of Agrarian Development (INDA)
- National Development Bank (BNF)

JICA Study Components

- Diagnosis of central-level policies
- Diagnosis of current activities of agricultural support services
- Analysis of diagnostic results with partners, such as MAGAP, Related Institutions, Provincial Government and etc, through the Working Group
- Preparation of Plan of Reorganization of Agricultural Support Services for small scale producers / Producers

Objective of Activities in the Working Group

Workgroup participants discussed the proposed reorganization of agricultural support services aimed at small scale farmers.

Expected Result Activities in the Working Group

- Clarify what institutions have the capacity and responsibility to carry out agricultural policy and their roles.
- Clarify the current situation and identify the needs of communities in which small scale farmers lives, and identify how to carry out the study, in the central and provincial level.
- Examine the proposed support system, whether in the central and provincial level.
- Examine the proposed linkage system among institutions in central and provincial level.

Participating in Activities Working Group Antecedente

At the central level:

MAGAP International Cooperation, Secretariat for Planning, Undersecretary of Agrarian, Undersecretary of Livestock Development, INIAP central, INAR central, INDA central, INCCA central, and BNF central.

At provincial level:

Regional Secretariat of the Sierra del MAGAP, Provincial Directorate of MAGAP in Cotopaxi, Tungurahua, Bolivar and Chimborazo, INAR, INIAP INCCA, INDA, BNF in Cotopaxi, Tungurahua and Chimborazo Provincial Council of Cotopaxi, Tungurahua, Bolivar and Chimborazo

**4 Project presentations as an example of
"Agricultural Support Services" aimed at small
producers / Producers**



Ministerio de Agricultura, Ganadería, Acuacultura y Pesca
Agencia de Cooperación Internacional de Japón



The Plan of Reorganization of
The Agricultural Supporting Services, Coping with The Poverty Alleviation
for Rural Small Scale Farmers in The Mountainous Area
in The Republic of Ecuador

Fourth Meeting of the Working Group

in
Study for “Analysis of the current agricultural development activities and
identify the needs of agricultural support services
for small scale producers / farmers

Latacunga in Province of Cotopaxi, October 2009

1

Workshop to Identify Problem Tree of “Improvement Support Services for Small Scale Producers.”

2

Narrative Summary of JICA Study such as Antecedent of the Implementation Workshop

Goal	To increase productivity of agriculture
Purpose	Elaborate the plan of reorganization of the agriculture supporting services for rural small scale farmers in the mountainous area of the Sierra region Reinforce an ability of the counterparts for investigation and planning of the development project, through process of the Study.
Components	Diagnosis of central-level policies Diagnosis of current activities of agricultural support services Analysis of diagnostic results with partners, such as MAGAP, Related Institutions, Provincial Government and etc, through the Working Group Preparation of Plan of Reorganization of Agricultural Support Services for small scale producers / Producers

3

Outline of the Workshop

Objetivos	Identify the problems that prevent proper agricultural services targeted to small scale farmers
Proceso del Taller	1. Explain workshop methodology 2. Workshop 2.1 Identify related organization carrying out the agricultural services. 2.2 Identify interest of related organization. 2.3 Identify basic information for each organization (mission, roles, financial and human resources). 2.4 Identify problems and develop problem tree.

4

Results of Workshop

Problem Tree to identify "agricultural support does not reach to small scale farmers" and "Core Problem"

5

How to identify the Problems?

- Indicate a specific event
- Negative situation
- A single problem and a brief sentence.
- Complete sentence
- Avoid "No, Fault, and lacks" at the beginning of the sentence.

6

How to elaborate the Problem Tree?

- Mix all the participants of organizations / institutions
- A group will have maximum 20 people and will be 2-3 teams to develop the problem tree.
- Development of the Tree: 30 minutes.
- Each intervention will be less than 30 seconds and only to raise problems.

7

Fifth Meeting of the Working Group

Program

- Objectives:
- Present the Interim Report
 - Present projects such as good practice of “Agricultural Support Service” for small-scale farmers
 - Debating about the result of Problems Tree to identify core problem, “not reach the support to small-scale farmers”

Venue: Quito in MAGAP


Date: Monday, 26 October 2009

Agenda:


HOUR		ACTIVITY	RESPONSIBLE PERSON
INITIAL	FINAL		
10h30	10h45	Opening Remarks and Introduction of Participants	Cooperation International of MAGAP
10h45	11h30	Presentation of Interim Report	JICA Study Team
11h30	12h30	Present projects such as good practice of “Agricultural Support Service” for small-scale farmers	3 Organizations
12h30	13h30	Lunch	
13h30	15h30	Workshop to debate about the result of Problems Tree to identify core problem, “not reach the support to small-scale farmers”	MAGAP & JICA Study Team
15h30	15h45	Conclusions and Closing Remarks	MAGAP & JICA Study Team

PARTICIPANTS LIST FOR FIFTH MEETING OF THE WORKING GROUP

Institution/Working Place/Section			Name	Position	
MAGAP	Quito	Cooperación Internacional	Irene Schuldt	Ing.	Directora
	Quito	Cooperación Internacional	María A. Moscoso	Dra.	Técnica
MAGAP	Quito	Cooperación Internacional	Hector Jaramillo	Lic.	Técnico
MAGAP	Quito	Cooperación Internacional	Martha Naranjo	Sra.	Secretaria
MAGAP	Quito	Cooperación Internacional	Mauricio Rivera	Teni.	Técnico
MAGAP	Quito	Subsecretaría de Planificación	Pablo Erazo	Ing.	
MAGAP	Cotopaxi	Dirección Provincial de Cotopaxi	Rupay Egas		Asesor
MAGAP	Cotopaxi	Dirección Provincial de Cotopaxi	Franklin Pilataxi	Ing.	
MAGAP	Tungurahua	Dirección Provincial de Tungurahua	Fabian Valencia Tamayo	Ing.	Director
MAGAP	Tungurahua	Dirección Provincial de Tungurahua	Josué Salazar	Ing.	Coordinador
MAGAP	Tungurahua	Dirección Provincial de Tungurahua	Holger Vivanco	Ing.	Técnico
MAGAP	Bolívar	Dirección Provincial de Bolívar	Luis Rivera	Ing.	Director
MAGAP	Bolívar	Dirección Provincial de Bolívar	Edwin Lara	Ing.	Coordinador
MAGAP	Chimborazo	Dirección Provincial de Chimborazo	Victor Anguieta	Ing.	Director
MAGAP	Chimborazo		Angel Vaca	Ing.	Coordinador
MAGAP	Chimborazo		Mario Montenegro	Ing.	Director Técnico
BNF	Quito		Monica Ruiz	Ing.	Técnica
BNF	Cotopaxi		Victor Masapanta	Lic.	Gerente
BNF	Tungurahua		Santiago Revelo	Ing.	Créditos para perjudicados por el Vólcan Tungurahua
BNF	Bolívar		Claudio Solano	Ing.	Gerente
Consejo Provincial	Tungurahua		Manuel Ullauri	Lic.	Director de Producción
Consejo Provincial	Bolívar		Freddy Flores	Sr.	Técnico
Consejo Provincial	Bolívar		Sara Velóz	Sra.	Técnica de Planificación
Consejo Provincial	Chimborazo		Juan Carlos Arellano	Ing.	Técnico
Consejo Provincial	Chimborazo		Nestor Chavez	Ing.	Asesor
INAR	Quito		Martha Cecilia Burgos	Econ.	Coordinadora
INAR	Quito		Hector Espinosa	Ing.	Planificación
INAR	Tungurahua		Patricia Nuñez	Ing.	Directora Regional
INAR	Tungurahua		Marcelo Verázquez	Ing.	
INAR	Chimborazo		Jorge Cevallos	Ing.	Desarrollo
INAR	Chimborazo		Wilson López	Ing.	Dirección Regional
INCCA	Chimborazo		Mario Logroño	Ing.	Delegado Regional
INDA	Quito		Juan Herrera	Ing.	
INIAP	Quito		Adrian Carrera	Ing.	



Ministry of Agriculture, Livestock, Aquaculture and Fish
Japan International Corporation Agency



**THE PLAN OF REORGANIZATION OF THE AGRICULTURE SUPPORTING SERVICES,
COPING WITH POVERTY ALLEVIATION FOR RURAL PEASANT IN
MOUNTAINOUS AREA
IN THE REPUBLIC OF ECUADOR**

The 5th Conference of the Working Group

" Catch up the current activities of agricultural development
and identify the needs of agricultural support services
for small manufacturers / producers."

Chimborazo, September 2009

Agenda		RESPONSIBLE
TIME	ACTIVITY	
START	END	
10h30	Welcome and introduction of attendees	Cooperación Internacional de MAGAP
10h45	Presentation of Interim Report	JICA Study Team
11h30	Presentations of projects as an example of "Agricultural Support Service" aimed at small producer	
12h30	Lunch	
13h30	Workshop for further the result of Problem Tree to identify problem "small agricultural producers have not received sufficient support"	MAGAP and JICA Study Team
14h45	Conclusions and wrap up of the Working Group	MAGAP and JICA Study Team

Contents

- **Farmers' Needs**
- **Supporting Organizations for Small Producers**
- **Ambit of Support for Small Producers**
- **Directionality of Supporting Organizations for Small Producers**

1. Farmers' Needs(1)

Actual situation of small farmers based on survey results

- The income of families is reduced according with the altitude
- The irrigation systems are related agricultural production revenue
- Half of the family income came from farm activities

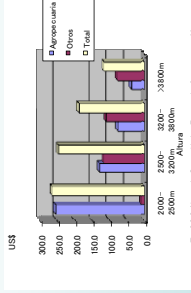
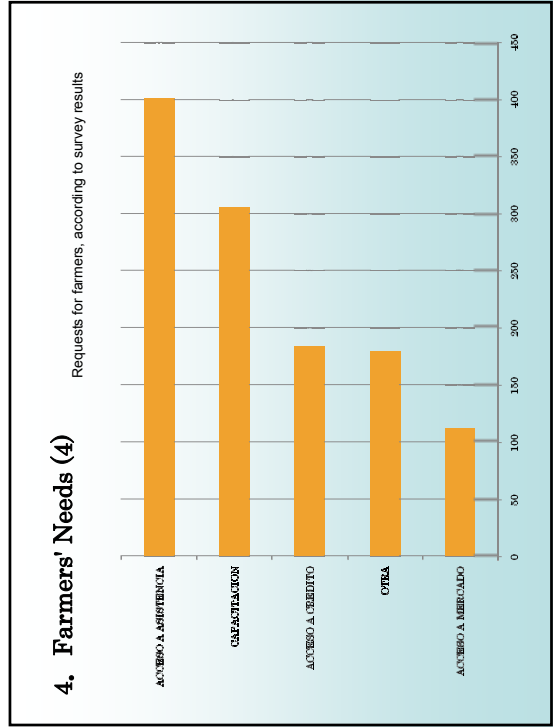
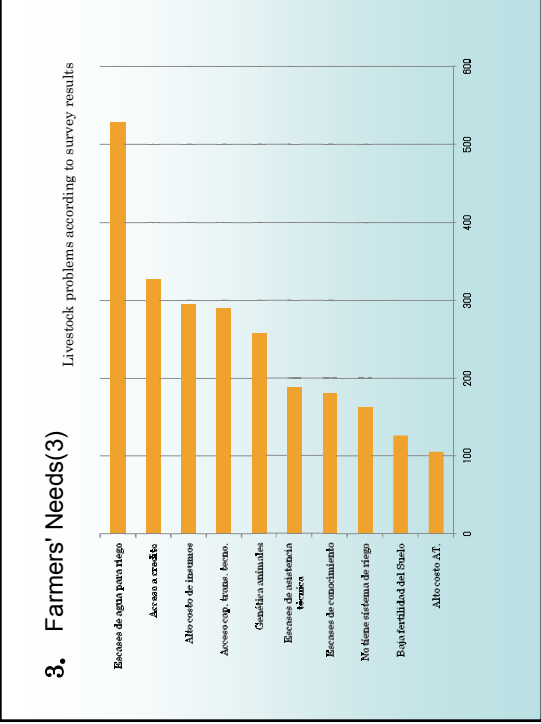
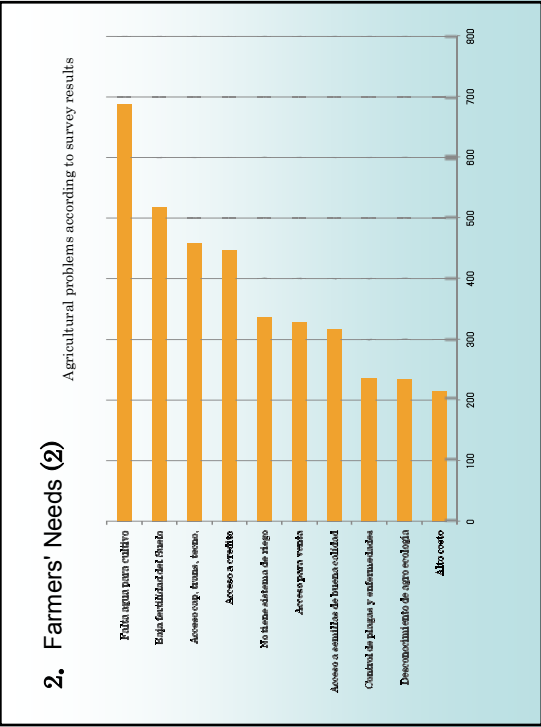


Fig. 2.2.2 Altura de Comunalidad y Fuente de Ingresos por Mes



- ### 5. Farmers' Needs (5)
- Summary of Requests for farmers, according to a research 1
- **Agricultural Production**
 - ✓ Irrigation: Ensure the necessary water, acquisition of knowledge and technology
 - ✓ Soil Quality: Application organic fertilizers, rotational cropping
 - ✓ Seed Improvement: Incorporate certified seed, self-collection, use heirloom varieties
 - ✓ Harmful insects: Extension of Knowledge
 - ✓ Tierras: Expectativa hacia las políticas agrícolas
 - **Livestock Production**
 - ✓ Irrigation: Ensure the necessary water
 - ✓ Breed: Extension high-quality breeds, artificial insemination
 - ✓ Fodder: Extending pasture, grass facility holds
 - ✓ Technology: Access to technical assistance (including veterinary)

6. Farmers' Needs (6)

Summary of Requests for farmers, according to a research 2

- **Marketing**
 - ✓ Buyers: To establish a sales network
 - ✓ Quality: Improving agricultural products, added value through processing
 - ✓ Producers Association: Improving the institutional partnerships
- **Cross Cutting Themes**
 - ✓ Training and Technical Support Policies (purchase of implements), Access to Credit, Farmers Organization, etc.

7. Supporting Organizations for Small Producer -1 MAGAP Provincial offices

• Human Resources

Provincia	Personal del MAGAP según especialidad		Total
	Pecuaría	Desarrollo Humano	
Chimborazo	10	2	12
Cotopaxi	11	2	13
Bolívar	11	2	15
Tungurahua	22	4	30

• Budget

Require and implement the budget under the POA

The POA is divide into a national program to reactivate the agricultural sector and original projects of the MAGAP provincial office

The MAGAP provincial office of Chimborazo the budget would be 95,000 for the national program and \$ 62.000 for original projects.

8. Supporting Organizations for Small Producer -2 Provincial Government

• Human Resources

Provincia	Agro	Pecuario	Desarrollo humano	Otros
Cotopaxi	3	0	—	3
Tungurahua	7	3	—	1
Bolívar	2	2	10	2
Chimborazo	10	2	18	0

• Projects and Budget (PPPCH)

Programas	No. Proyectos	Presupuesto (US\$)		Beneficiarios	Otras entidades
		Provincial	Gobierno		
Ganadería Productiva	30	1,235,536	511,604	108,332	615,000
Riego	35	1,183,232	832,329	66,370	284,355
Viviendo	14	1,000,000	1,000,000	1,000,000	1,000,000
Validad	38	3,522,224	1,005,000	129,286	2,395,698
Educación	23	950,183	881,943	53,240	15,000
Seguros y Salud	23	1,181,577	600,107	132,170	359,300
Alcance a sectores vulnerables	26	940,238	554,832	212,733	172,675
Municipalidades	20	731,439	504,591	55,236	171,613
Total	207	10,017,895	5,282,753	776,436	3,958,706

9. Supporting Organizations for Small Producer -3 Municipal government

• Staff

Agricultural and Livestock Technicians

Project Cantón Colta (2008-2009)

Provincia	Cantón	No. Personal			Cantón	No. Personal		
		Agro	Pec. Soc.	Des.		Agro	Pec.	Des.
Cotopaxi	Latacunza	—	—	—	Guaranda	1	1	0
	San Juan	0	0	1	San Juan	0	0	0
	El Cajas	0	0	1	El Cajas	0	0	0
	San Sebastián	—	—	—	San Sebastián	0	0	0
	Total	0	0	2	Total	1	1	0
Tungurahua	Albano	—	—	—	Albano	—	—	—
	Baños	1	0	0	Baños	3	2	1
	Morona	0	0	0	Morona	1	0	0
	Quero	1	0	0	Quero	1	1	1
	Total	2	0	0	Total	5	3	2
Chimborazo	Albano	—	—	—	Albano	—	—	—
	Altoona	0	0	0	Altoona	0	0	0
	Chimborazo	1	0	0	Chimborazo	1	0	0
	San Juan	0	0	0	San Juan	0	0	0
	Total	1	0	0	Total	1	0	0
Total	Total	3	0	2	Total	11	4	2

Servicios	No. Proyectos	Total Presupuesto		Valor x Proyecto	
		No.	US\$		
Producción	106	24%	1,233,700.00	25%	11,639
Agropecuaria	14	3%	141,500.00	3%	10,107
Agua y alcantarillado	85	19%	925,300.00	19%	10,886
Educación	65	14%	691,764.22	14%	10,643
Electricidad	6	1%	61,300.00	1%	10,250
Seg y Salud	1	0%	0.00	0%	0
Turismo	7	2%	79,100.00	2%	11,300
Vital	166	37%	1,862,380.00	37%	11,220
Total	450	100%	4,995,444.22	100%	11,101

10. Contents of Support for Small Producers

Marketing

Microcredit

Cultivation Management Technique

Livestock Management Technique

Small Scale Irrigation

Land Degradation

Gender

10. Support for Small Producers -1

Marketing

- Support for medium-scale Producers
 - ✓ Projects designed for various groups of producers.
 - ✓ Improvement of collection center and delivery and community transportation systems (buses, trucks, etc.).
 - ✓ Expand the project CADERS.
- ◆ Support for small-scale Producers
 - ✓ Projects designed for poor communities in mountainous regions
 - ✓ Implementation proyectos CADERS for small scale producers
 - ✓ Joint activities with the support projects to medium-scale producers

11. Support for Small Producers -2

Microcredit

- ✓ Facilitate for producers about the access for micro credit
- ✓ Technical Support System of Agriculture and Livestock will be contained micro credit system for small farmers
- ✓ Cooperation between MAGAP and the Provincial Government

Is expected to increase the reach of microcredit begin the second system of loans to cooperativas of the BNF (January 2010). We hope expansion of this system under the Monitoring.

12. Support for Small Producers -3

Cultivation Management Technique

- Cultivation Technique
 - ✓ Improved methods of preservation of seed harvested
 - ✓ Introduction of improved seeds
 - ✓ Improving soil management in hillsides and farming methods
 - ✓ Management of crop rotation and green manure
 - ✓ Boosting agriculture of environmental conservation
- Quality
 - ✓ Introduce new resistance to environmental conditions and height nutritional value crops
 - ✓ Introduce new Merchability crops with domestic and international markets
 - ✓ Agricultural Management Training
- Nutrition
 - ✓ Cultivate wide variety of vegetables in home gardens
 - ✓ Training to new cooking used their products
- Community Organizations
 - ✓ Bring up extension coordinators within the community comunidad

13. Support for Small Producers -4

Livestock Management Technique

- **Páramo**
 - ✓ Strengthening the foundations for fodder
 - ✓ Prevention of infectious diseases
 - ✓ Lack of technical knowledge of livestock
 - ✓ To strengthen the sales system
 - ✓ Strengthen veterinary patrol system
- ◆ **Temperate and subtropical zone of the Andes**
 - ✓ Modernization for treatment of livestock diseases
 - ✓ Improvement processing and treatment facilities of raw milk
 - ✓ Breed Improvement
 - ✓ Strengthen veterinary patrol system

14. Support for Small Producers -5

Irrigation

- Rehabilitating irrigation facilities to improve performance
- Lining canals to reduce loss of wear spill
- Increasing the performance of irrigation systems and extend beneficiary area
- Studies for improve irrigation quality
- Most of irrigation projects are facilities rehabilitation and there are few projects to create new systems

15. Support for Small Producers -6

Land Degradation

- Small producers farm field is imperative to improve the quality of soils, for which the following is recommended :
 - ✓ Clarify the amount of organic fertilizers to be used per unit area.
 - ✓ Is necessary, community practice for the preparation of organic fertilizers, for example using the system of Minga.
 - ✓ Create a guide line and monitoring system for the use of fertilizers and pesticides.
- Need to be implemented in parallel with the use of organic fertilizers and pesticides, a culture system that slows the erosion of the land, such as no-tilling farming.
- To use Cangagua as farmland, create and extension criteria.

16. Support for Small Producers -7

Gender

- **Farmland :**
 - ✓ To monitor to ensure that there is an equal registration of land ownership. And set up target.
- **Support Institutions :**
 - ✓ Delete the language disorder as a indigenous inhabitant
 - ✓ Conduct training about rights, self-esteem and leadership
 - ✓ Eliminate unequal treatment toward the Indigenas in market
- **Training :**
 - ✓ Support for women without legal status
 - ✓ Training with due considerations to the working status of women
- **Irrigation :**
 - ✓ Remove disadvantaged position of women in the management of facilities
- **Microcredit :**
 - ✓ Remove the disadvantaged situation of women to access credit

**17. Directionality of Supporting Organizations for Small Producers
Potential and constraint of institutions (MAGAP PROVINCIAL OFFICE)**

Potential	<ul style="list-style-type: none"> Each province has more than 10 agricultural technicians The institution have many experience and knowledge to support to small producers. The institution have many experience to implementing the national agricultural development project. MAGAP provincial office implement national program. There are bases to share information and technology among MAGAP provincial office in several area. It is possible coordination among supporting institutions at national level. MAGAP province office have many professionals in various fields, and their specialities are very flexible.
constraint	<ul style="list-style-type: none"> The current staff can not cover the whole province area (20% = 30%) Their activities are based solely on national agricultural program under orders from headquarters, is difficult to implement original activities. Except for a few provinces, coordination between provincial and national governments is scarce. The institutional planning, monitoring and feedback system is outdated. The exchange of information and techniques between provincial office of the Sierra area is insufficient. The exchange of information with other institutions is insufficient. Lack of a training system for technicians.

**18. Directionality of Supporting Organizations for Small Producers
Potential and constraint of institutions (Provincial Governments)**

Potential	<ul style="list-style-type: none"> They have the largest budget among provincial institutions Depending on the province, there are over 10 agricultural technicians. IPCI (Chimborazo) implemented marketing supply chains (30) and irrigation (40) per annual, with a budget of \$ 24,000 and 17,00 each project. The government of Tungurahua province provide agriculture and livestock technician for cantonal governments if they can not employment technicians. Provincial governments have any experience and knowledge to support small producers. Tungurahua has a system of inter-agency cooperation to support the small producer, and they use the Bottom up system for provincial development. Participatory budgeting system for development was started in 2009 at Bolívar.
Constraint	<ul style="list-style-type: none"> The human and budgetary resources are limited compared with the range and number of communities in large development area. They actively implement to forward development projects, but lack a specific policy regarding the extension of technology. Under the new constitution is expected to act as the coordinating institution, however with the exception of inexperienced Tungurahua. Coordination with municipalities is difficult in some cases. Under the new constitution irrigation systems will be delivered by provinces governments, however they have not any experienced and persons. Lack of information on related institutions. Lack of a training system for technicians.

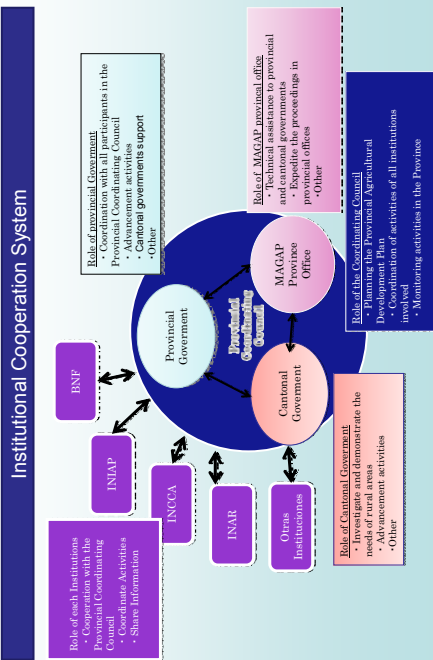
**18. Directionality of Supporting Organizations for Small Producers
Potential and constraint of institutions (Municipal Governments)**

Potential	<ul style="list-style-type: none"> Over 60% of the cantons has agricultural technicians. In the canton Colta are made agricultural development projects (50) and irrigation (7) annually with a budget of 12,000 and \$ 10,000 respectively. Municipal government is much closer institution to small farmers.
Constraint	<ul style="list-style-type: none"> Many municipal governments have no clear strategies to support the small producer. Some municipalities do not have technicians in the field. Technical level is low by comparison MAGAP. The agricultural development experience is less than MAGAP and the provincial governments. Some times there is friction with provincial policy. Lack of information on related institutions. Lack of a training system for technicians.

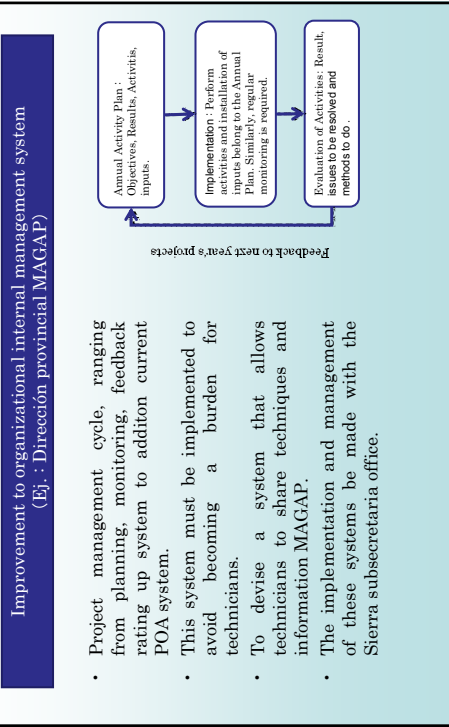
**20. Directionality of Supporting Organizations for Small Producers
Potential and constraint of institutions (Other Institutions)**

INIAP	<ul style="list-style-type: none"> They have much ability as an institution for agricultural research. Staff are arranged each provinces.
INAR	<ul style="list-style-type: none"> Extensive experience in operation and maintenance of irrigation systems. Many experts belong to the management and maintenance of irrigation systems. There are offices in six provinces, which cover the whole country.
INCCA	<ul style="list-style-type: none"> Many technology extension project implement under agency transaction.
BNF	<ul style="list-style-type: none"> Have a sufficient balance to continue the support to small producers. 33 branches in Sierra area. Experience in micro-credit to small producers

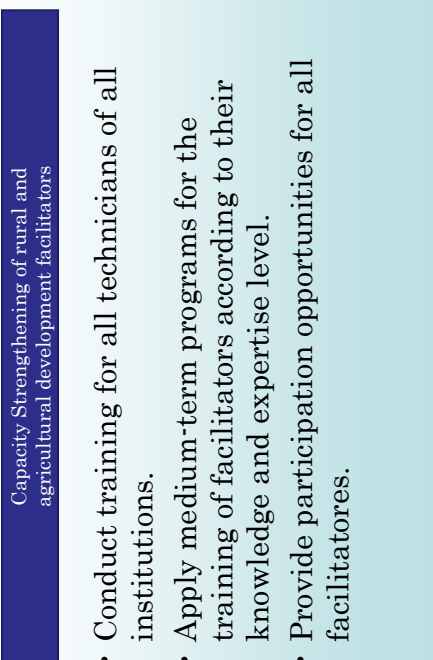
21. Directionality of Supporting Organizations for Small Producers - 1



22. Directionality of Supporting Organizations for Small Producers - 2



23. Directionality of Supporting Organizations for Small Producers - 3



Sixth Meeting of the Working Group

Program

- Objectives:**
- Present scheme of the annual plan of second year of the JICA study to counterparts
 - Present detail of the three basic components of the plan of reorganization of the agriculture supporting services, coping with poverty alleviation for rural peasant.
 - Identify necessary information in order to operate agriculture round-table in the provincial level, considering in the basic component 1.
- Venue:** Hotel Ambato (Address: Guayaquil y Rocafuerte, Ambato, Tungurahua)
- Date & Time:** 09h30 a 12h00, Thursday, 15 April 2010
- Agenda:**

HOUR		ACTIVITIES	RESPONSIBLE PERSON
INITIAL	FINAL		
09h30	09h40	Opening Remarks (explication of the framework of the meeting and introduction of participants)	Ing. Josué Salazar MAGAP Provincial Direction of Tungurahua
09h40	09h55	Presentation of sketch on the plan de reorganization of the agriculture supporting services coping with poverty alleviation for rural peasant	Ing. Angel Vaca Undersecretary of Third region
09h55	10h15	Presentation of summary of the provincial working group	Ing. Motoshiro Yasuhisa; JICA Study Team
10h15	10h35	Comments, question & answers	Ing. Angel Vaca Undersecretary of Third region
10h35	10h50	Coffee break	Ing. Josué Salazar MAGAP Provincial Direction of Tungurahua
10h50	11h10	Presentation of method on execution of workshop Presentation of sharable information for provincial agriculture round-table which manage by MAGAP	Ing. Ranulfo Carrillo JICA Assistant Ing. Oswaldo Álvarez MAGAP Provincial Direction of Chimborazo
11h10	12h10	Workshop and presentation of Result about the identification of necessary information in order to operate the roud-table by each group	-Expositor of each Grupo -Assistants JICA
12h10	12h20	Conclusions and Closing Remarks (Confirmation of Next Meeting)	Ing. Josué Salazar Director or Representative of MAGAP Provincial Department of Tungurahua

Lunch

PARTICIPANTS LIST FOR SIXTH MEETING OF THE WORKING GROUP

Institution/Working Place/Section			Name	Position	
MAGAP	Quito	Cooperación Internacional	Hector Jaramillo	Lic.	Técnico
MAGAP	Quito	Cooperación Internacional	María A. Moscoso	Dra.	Técnica
MAGAP	Cotopaxi	Dirección Provincial de Cotopaxi	Francisco López Araujo	Arq.	Director
MAGAP	Cotopaxi	Dirección Provincial de Cotopaxi	Geovany Durán	Dr.	Técnico
MAGAP	Cotopaxi	Dirección Provincial de Cotopaxi	Nervo Alban	Ing.	Técnico
MAGAP	Cotopaxi	Dirección Provincial de Cotopaxi	Víctor Fiallos	Ing.	Técnico
MAGAP	Tungurahua	Dirección Provincial de Tungurahua	Fabian Valencia Tamayo	Ing.	Director
MAGAP	Tungurahua	Dirección Provincial de Tungurahua	Josué Salazar	Ing.	Coordinador
MAGAP	Tungurahua	Dirección Provincial de Tungurahua	Holger Vivanco	Ing.	Técnico
MAGAP	Bolívar	Dirección Provincial de Bolívar	Luis Rivera	Ing.	Director
MAGAP	Bolívar	Dirección Provincial de Bolívar	Edwin Lara	Ing.	Coordinador
MAGAP	Chimborazo	Dirección Provincial de Chimborazo	Oswaldo Alvares	Ing.	Técnico
MAGAP	Chimborazo		Angel Vaca	Ing.	Coordinador
MAGAP	Chimborazo		Mario Montenegro	Ing.	Director Técnico
BNF	Quito		Monica Ruiz	Ing.	Técnica
BNF	Quito		Galo Paredes	Ing.	SubGerente
BNF	Quito		Gino Caicedo	Econ.	
BNF	Cotopaxi		Victor Masapanta	Lic.	Gerente
BNF	Tungurahua		Erick Cepeda	Ing.	Gerente
BNF	Bolívar		Juan Carlos Bravo	Ing.	Crédito
BNF	Bolívar		Leonor Medranda E.	Dra.	Crédito
BNF	Chimborazo		Edison Carrillo	Ing.	Gerente
Consejo Provincial	Cotopaxi		Ana Zambrano	Ing.	Técnica
Consejo Provincial	Cotopaxi		Santiago Díaz	Ing.	Técnico
Consejo Provincial	Tungurahua		Jorge Sánchez	Ing.	Director Planificación
Consejo Provincial	Tungurahua		Walter Jácome	Ing.	Facilitador
Consejo Provincial	Chimborazo		Carolina Chávez	Ing.	Técnica
INAR	Quito		Lorena López	Ing.	Técnico
INAR	Quito		Diana Estrella	Ing.	Analista Desarrollo
INAR	Tungurahua		Patricia Nuñez	Ing.	Directora Regional
INAR	Tungurahua		Marcelo Verázquez	Ing.	
INAR	Chimborazo		Jorge Cevallos	Ing.	Desarrollo
INCCA	Chimborazo		Mario Logroño	Ing.	Delegado Regional
INDA	Tungurahua		Geovany Noboa	Econ.	Coordinador
INDA	Bolívar		Alfonso Arguello	Ing.	Técnico
INDA	Bolívar		Romeo Saltos	Ing.	
INIAP	Quito		Adrian Carrera	Ing.	
INIAP	Cotopaxi		José G. Camacho	Ing.	Coordinador UTT-C
INIAP	Tungurahua		Galo Alvares	Ing.	Técnico
INIAP	Tungurahua		Jorge Merino	Ing.	Técnico



Ministry of Agriculture, Livestock, Aquaculture and Fish
Japan International Corporation Agency



**THE PLAN OF REORGANIZATION OF THE
AGRICULTURE SUPPORTING SERVICES,
COPING WITH POVERTY ALLEVIATION FOR RURAL
PEASANT IN
MOUNTAINOUS AREA
IN THE REPUBLIC OF ECUADOR**

Working Group
&
Provincial Working Group
in Sixth Meeting of Working Group

March 2010

1

Contents

- Activities
- Implementation Structure of the JICA Study
- Ejecución del Estudio
- Operation Plan of the JICA Study in Second Year
- Provincial Working Group

2

Activities

- Define the methodology for the preparation of the plan (Japan)
- Define clear strategies for every aspect of this project
- Analysis + Knowledge and Experience = definition of strategic bases
- Draft a strategic plan for each topic
- Summary of draft plan
 - Basic direction of the Second Year
 - Activities in the second phase (strategic plan)
 - Institutional Organization (strategic plan)
 - Examples (Interim report)
- Elaborate the Df/R (Japón)
- Explicate the Df/R with receiving comments
- Elaborate the Final Report

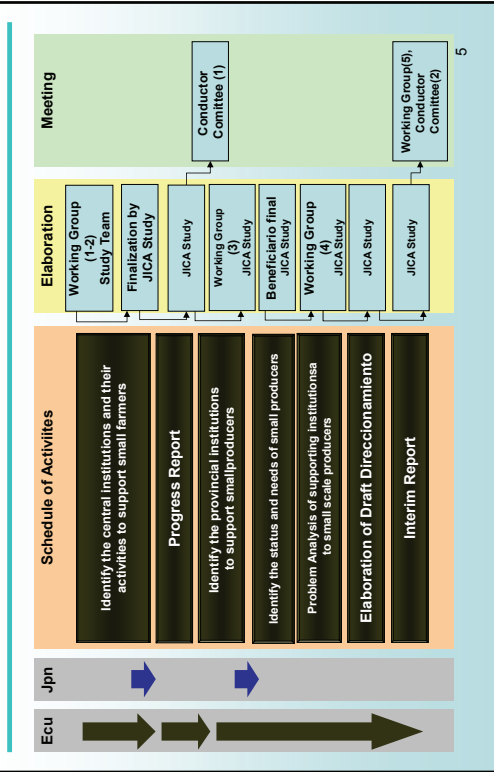
3

Implementation Structure of the JICA Study

- Conductor Committee
- Working Group
- Provincial Working Group
(for the pre-formulation of Provincial Coordination Committee)

4

Operation Plan of the JICA Study (Results of the First Year)

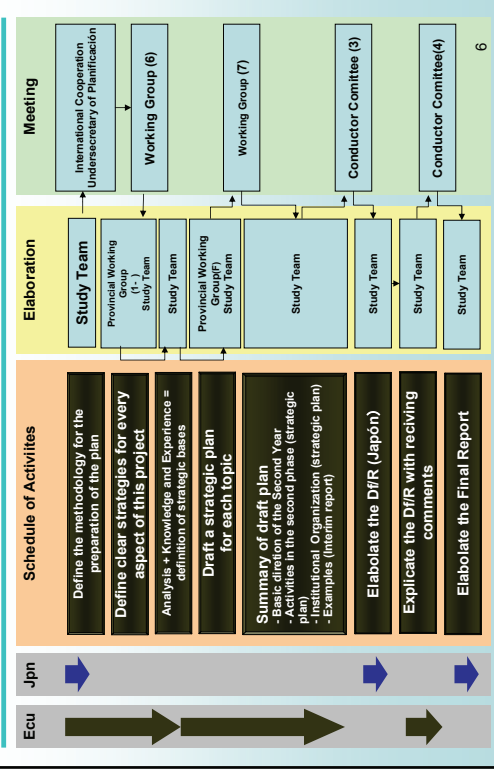


Working Group

- Objectives
- Period
- Participants
- Implementation Structure of the Working Group
- Expected Results
- Activities

7

Operation Plan of the JICA Study in the Second Year



Provincial Working Group Supergoal and Justification

Supergoal:

To know the basic components involucrado more effective and experiences of participants, which the mission shall refer to structure the draft plan, based on the activities of the working group at provincials.

Justification:

From the experiences gained, the Secretariat Regional of the Sierra can take a guidance for the reorganization of systems to support small farmers in the Sierra in general.

8

Working Group

Objetivo del Grupo de Trabajo

Los participantes del grupo de trabajo, institutos relacionados con servicios de apoyo agropecuario, elaboraran un borrador para la reorganización de los servicios de apoyo agrícola dirigidos a los pequeños agricultores, con la instrucción de Experto Japoneses.

9

Working Group Period

February 2009 a May 2010

10

Working Group Participants

Instituciones supporting small scale farmers in the Sierra Region of Ecuador

Responsibilities	Institutions and Dept.
Agricultural Policy and Planning	Undersecretary of Planning
Agricultural Production	Deputy Agricultural Development
Livestock Production	Undersecretary of Livestock Promotion
International Cooperation	International Cooperation
Support for Small Scale Farmers in the Sierra Region	Undersecretary Regionl of the Sierra
Technical support for agricultural production	Provincial Directrat of the MAGAP
Research of Agriculture Products	INIAP
Difusion of Agriculture Technology	INIAP, INCCA
Registration of land tenure	INDA
Agricultural use of water resources (irrigation)	INAR
Microfinance	BNF
Agriculture Regional Development Projects	Provincials & Cantonalns Government

Working Group Implementation Structure

General Policy Working Group

Organizer of Working Groups
Planning and support activities of the Working Group (Facilitator)
Planning and support activities of the Working Group

Instituciones supporting small scale farmers in the Sierra Region

Región	MAGAP	Instituciones de apoyo agropecuario	Apoyo a pequeños productores agropecuarios
Nivel Central	Subsecretaria de la Planificación y Cooperación Internacional MAGAP Cotopaxi	INIAP INCCA INDA	BNF
Nivel Provincial	MAGAP Tungurahua MAGAP Bolívar MAGAP Chimborazo	BNF Cotacachi Gobierno Provincial de Cotacachi BNF Tungurahua Gobierno Provincial de Tungurahua BNF Bolívar Gobierno Provincial de Bolívar BNF Chimborazo Gobierno Provincial de Chimborazo	

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Working Group Expected Results

- Sharing roles and responsibilities among working group members.
- Identify current status and improve idea how to extract needs of community and small scale farmers.
- Consider cooperation and collaboration among institutions at central and provincial levels.
- Consider cooperation and collaboration among institutions at central and provincial levels.

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Working Group Activities of the Working Group in the First Year

<p>First Meeting of Working Group (March 23, 2009, Quito, with Partners in central level)</p> <ul style="list-style-type: none"> - Introduce some projects to support small producers (Presenter: Mission)
<p>Second Working Group Meeting (May 27, 2009, Quito, with Partners in central level)</p> <ul style="list-style-type: none"> - Introduce some projects to support small farmers in Ecuador (Presenter: each related institutions at the central level)
<p>Third Working Group Meeting (June 22, 2009, Quito, with Partners in central level of the Sierra Regional Secretary)</p> <ul style="list-style-type: none"> - Introduce some projects to support small farmers in the highlands (Presenter: Deputy Secretary Regional de la Sierra) - Confirm competence of justification of each institutions, based on the report of progress. - Share the current condition of each of their institutions and develop community needs such as removing (or small farmers) in the case of projects submitted in the second working group meeting. (Presenter: INAR, INIAP)
<p>Fourth Meeting of the Working Group (About the end of September 2009, Riobamba, with Partners in central and provincial level)</p> <ul style="list-style-type: none"> - Share framework among member of the working group - Share the results of previous meeting of working group at the central level to provincial level counterparts - Introduce some projects of support for small farmers in the study area objectives (Announcer) and share current status and improvement idea how to extract community needs (small producers) using projects (Announcer).
<p>Fifth Meeting of Working Group (around the end of October 2009, Quito and Riobamba, with Partners in central and provincial level)</p> <ul style="list-style-type: none"> - Confirm the following items through the submission of progress report - Role and responsibilities related institutions at the central and provincial - Cooperation and collaboration between institutions in the provincial level.

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Working Group Activities of the Working Group in the Second Year

<p>Sixth Meeting of Working Group (early March 2010)</p> <ul style="list-style-type: none"> • Respond to questions and comments of the guidelines to system proposed on the interim report. • Guidelines for developing policies and strategies of the proposed inter-institutional linkage systems (sharing of work plans and schedules) • Activities and Responsibilities of the working Group for future work
<p>Seventh Meeting of the Working Group (mid-May 2010)</p> <ul style="list-style-type: none"> • Presentation of activities and achievements of the working group at provincial level • Policy review of the systems proposed by JICA study, and define the contents of the plan (strategies, activities, methodology and systematic)

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Provincial Working Group

- Supergoal & Justification
- Objectives
- Period
- Target Area
- Participants
- Implementation Structura
- Expected Results
- Activities

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Provincial Working Group Provincial Objetivo

Develop a concrete strategic plan to implement the 3 components proposed in the first stage of the project (referred to as guidelines in the interim report).

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Provincial Working Group Resultados Esperados

- **First components**
Defining specific strategies to achieve "Inter-institutional Linkage System," which is a prerequisite to achieve the reorganization of support services. Understanding and defining the role of each institution (responsibilities, goals, achievements, methods, techniques and equipment needed, etc.). Establishing a precedent for achieving improved support for small scale producers to a social level.
- **Second components**
Redefining the administration system of each institution in turn improving the organization (processes, criteria, methodology, skills, structure, etc.). Establishing a precedent for improving the quality of work of each institution and establishing a Inter-institutional Linkage system due to support small producers
- **Third components**
Recognizing the technical needs and knowledge, as well as the mechanisms for the improvement of the capacity (training, workshops, facilitation, networking and self-training, etc.), in order to achieve the "technical improvement" for supporting small scale farmers

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Provincial Working Group Activities

- Elaborate the plan by JICA Study Team with counterparts.
- Review the draft action plan by the Japanese experts, how it should be applied to the working groups at provincial level.
- Instruct working groups guidelines for developing the plan of each of the strategies.
- Implement the working groups at provincial level.
- The Japanese experts explain an outline of basic components to each of the working groups at the provincial level.
- Collect and analyze the drafts plan developed by each working group at provincial level.
- Expose the plans developed by each working group at provincial level working group meetings.

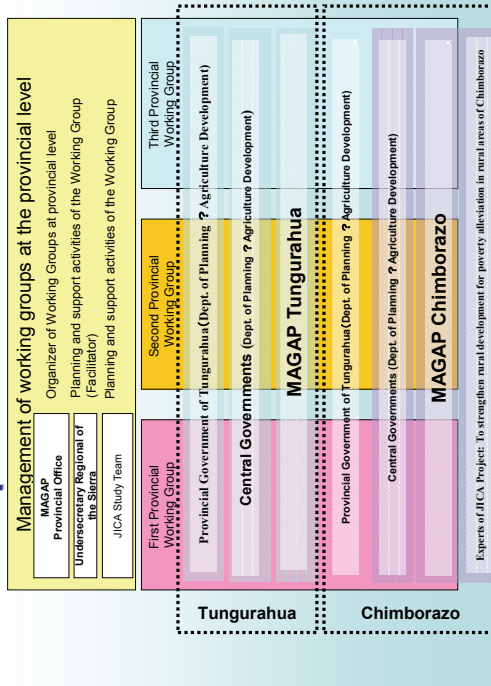
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Provincial Working Group Participants

Region	MAGAP	Provincial Government	Cantonal Government
Central Level	Undersecretary Regional of the Sierra		
Tungurahua	MAGAP Provincial Office of Tungurahua	Dept. of Planning in Provincial Council of Tungurahua	Cantón
Chimboraz	MAGAP Provincial Office of Chimborazo	Dept. of Planning in Provincial Council of Chimborazo	Cantón
Provincial Level			
Rol	Technical support to agricultural activities		

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Provincial Working Group Implementation Structure





Ministry of Agriculture, Livestock, Aquaculture and Fish
Japan International Corporation Agency

Ministerio de Agricultura, Ganadería, Acuicultura y Pesca

THE PLAN OF REORGANIZATION OF THE AGRICULTURE SUPPORTING SERVICES, COPING WITH POVERTY ALLEVIATION FOR RURAL PEASANT IN MOUNTAINOUS AREA IN THE REPUBLIC OF ECUADOR

THE PLAN OF REORGANIZATION OF THE AGRICULTURE SUPPORTING SERVICES FOR SMALL SCALE PRODUCERS

March 2010

1

Object of the Study

General Purpose:
To increase agricultural productivity

Specific Purpose:

- To Prepare of Plan for Reorganization Support System for Small Farmers ;
- To propose an adequate agricultural support system by the central and regional; and,
- Capacity development for Counterparts staff about research and planning preparation of development plan of counterpart staff through implementation of the study.

2

CONTENT

- Actual situation and constraint
- Strategy for reorganization of support system to small producers
- Basic components of the Reorganization Plan

3

Actual situation and constraint

- Actual situation and constraint of poverty of small farmers in the Sierra
 - Low agricultural productivity and profitability for the following reasons.
 - Weak Productive infrastructure
 - Shortage of capital
 - Shortage of technical capacity

However , **small producers have limited access to agricultural support services.**

- Actual situation and constraint of agricultural support services in the Sierra
 - limitation of human resources, budget and techniques of each support institutions

Need to establish the methodology and support system more efficient and effective

4

Strategy of reorganization of support system to small producers

- Establish a new system at the provincial level within the framework of the new Constitution.
- Establish a easy implementation and participation system of institutional linkages.
- Derive the maximum benefit from current system of support to small producers.
- Develop capacity for technical assistance to respond to the needs and changing circumstances surrounding poor smallholders.

5

Basic Components of the Reorganization Plan

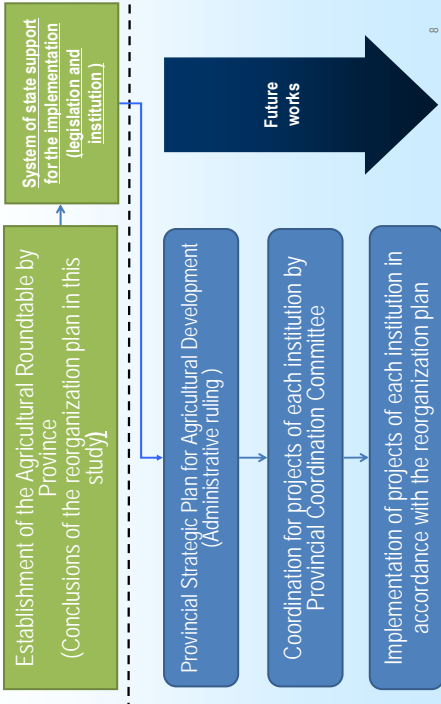
- **Basic Component 1:**
Construction of the institutional linkage system (Prov. Chimborazo)
- **Basic Component 2:**
Improving the internal management system of institutions
- **Basic Component 3:**
Capacity Strengthening of rural and agricultural development facilitators

6

Basic Component 1: Construction of the institutional linkage system (Prov. Chimborazo)

7

Basic Component 1: institutional linkage system Procedures for establishing institutional linkage system



8

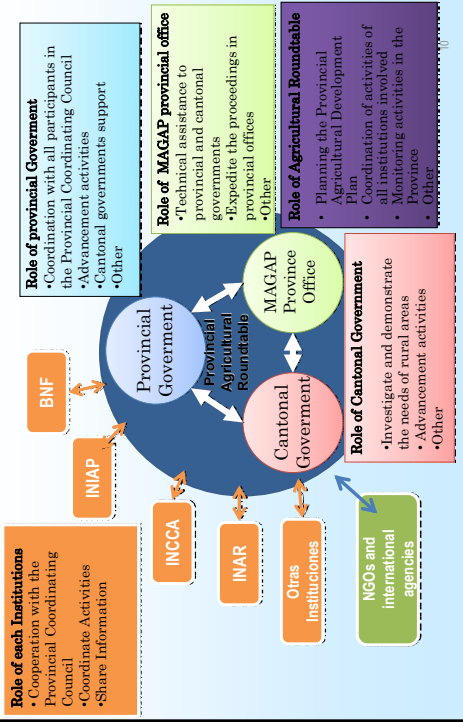
Basic Component 1: institutional linkage system
Needs to reorganize support services to small producers

- Limited number of specialist belong to support institutions of small producers.
- Differentiation of the role and functions of each institution.
- Limited availability of budget compared to the large number of beneficiaries.



Maximize the potential to support

Basic Component 1: institutional linkage system
Formulation institutional linkage system



Basic Component 1: institutional linkage system
Role of Provincial Agricultural Roundtable

1. Coordination for POAs of Provincial, Cantonal Governments and MAGAP Provincial Office
2. Monitoring of support services to small producers in the province
3. Information sharing among institutions
4. Other activities that are required

However, the coordination of the POA, will respect the uniqueness and autonomy of each institution.

Basic Component 1: institutional linkage system
Role of provincial and cantonal governments and the MAGAP Provincial office

- 1. Provincial Government:**
Mainly, Project implementation
- 2. Cantonal governments :**
Routine extension services
- 3. MAGAP Provincial office :**
Technical assistance to extension services, and Coordinator Cantonal and Provincial Governments

Basic Component 1 : institutional linkage system
Important aspects of analysis

Maximize the potential of support services to small farmers through cooperation among the provincial government, the Cantonal Governments and MAGAP provincial office

- ① Establish a coordination organization for support services
- ② Establish institutional linkage system for support services
- ③ Establish institutional complementarity system for support services

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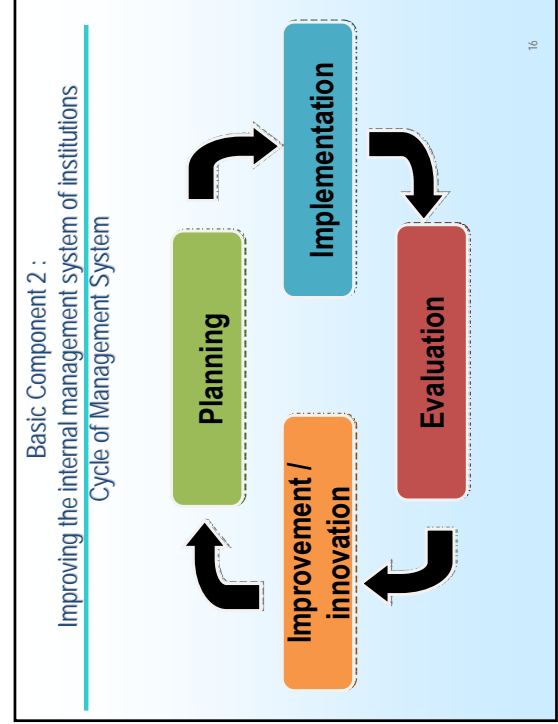
Basic Component 2 : Improving the internal management system of institutions

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Basic Component 2 :
Improving the internal management system of institutions
Need to implement

- Improving the quality and efficiency of projects
Implement projects that efficient and good quality.
- Improve capacity of planning and project formulation
Plan and implement projects that respond to changing circumstances.
- Strengthening the responsibility of providing information to beneficiaries and citizens
Publication of results and content of the assessment.
Organization and project management from the viewpoint of small producers and co-participation with the beneficiaries.

15



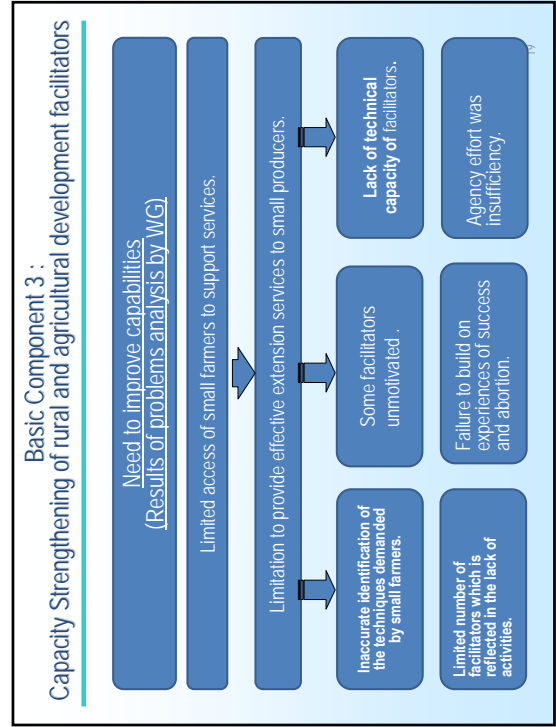
Basic Component 2 :
Improving the internal management system of institutions
Operation for management system

- **Administration System**
Projects will be evaluated by the executing agency, and programs will be evaluated by Provincial Coordination Committee.
- **Relationship Provincial Coordinating Committees**
Each institution shall inform the Committee about the results of the evaluation and improvements.
The committees reported their contents to the relevant institutions.

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Basic Component 3: Capacity Strengthening of rural and agricultural development facilitators

18



Basic Component 3 :
Capacity Strengthening of rural and agricultural development facilitators

- 3) Proposed basic guidelines (Operation system)
- Objective : Continuing education (planned) for technical staff provides support to small farmers in the Sierra.
- Coordinating Body : Sierra Sub-Secretary office MAGAP
- Cooperating institutions: Provincial and Cantonal Governments, MAGAP Provincial office, Inter-Agency of MAGAP, universities and other educational institutions, NGOs, etc..
- Beneficiaries: Facilitators that provides support to small farmers in the Sierra (MAGAP Provincial office, Provincial and Cantonal Government)

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3) Proposed basic guidelines (activities)

- Preparation of training programs: Staggered Programs (regular and ongoing training) as staff levels, target products and themes.
- Implementation of the practical capacity improvement: Introduction of new techniques and replicate successful projects / development, validation and technical configuration of the site.
- Construction of network for facilitators: Place making to share information and techniques between facilitators.



Ministry of Agriculture, Livestock, Aquaculture and Fish
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COPING WITH POVERTY ALLEVIATION FOR RURAL
PEASANT IN
MOUNTAINOUS AREA
IN THE REPUBLIC OF ECUADOR**

Workshop Methodo

March 2010

1

Contents

- Objectives of Workshop
- Basic Component 1 Review
- Background and Justification
- Expected Results
- Activities

2

Objectives of Workshop

Identificar la información que se necesario a compartir entre miembros núcleos de la Mesa Redonda Agropecuaria propuesta en el “Componente 1” en el Plan de Reorganización, para manejar/aplicar la Mesa eficaz y eficientemente.

3

Basic Component 1 Review

4

Basic Component 1 Review

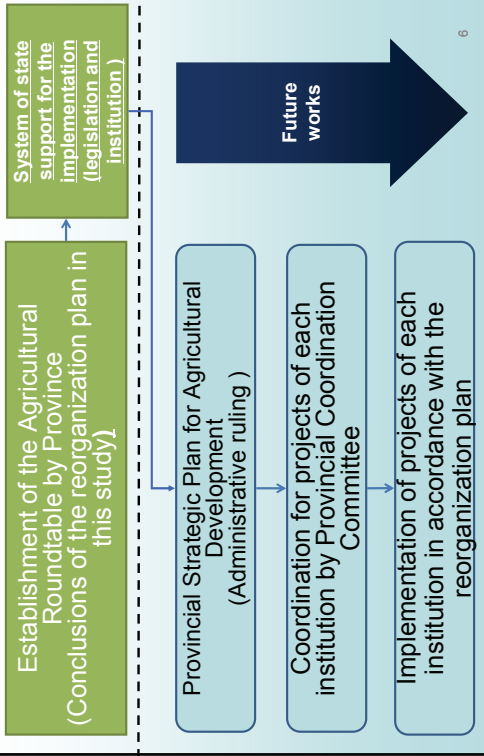
- Componentes Básicos del Plan de Reorganización -

- **Basic Component 1:**
Construction of the institutional linkage system
(Prov. Chimborazo)
- **Basic Component 2:**
Improving the internal management system of institutions
- **Basic Component 3:**
Capacity Strengthening of rural and agricultural development facilitators

5

Basic Component 1 Review

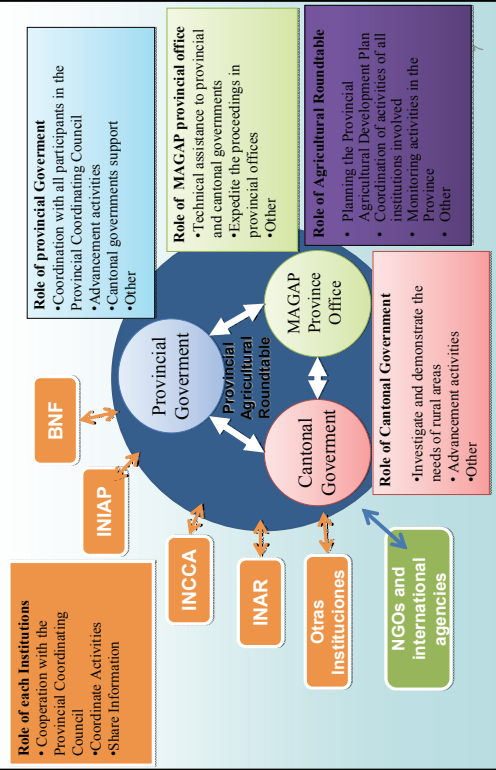
- Procedimientos para establecer el sistema de vinculación institucional -



6

Basic Component 1 Review

- Construcción de Sistema de vinculación institucional -



7

Background and Justification

- **Coordinate agricultural activities between each building in the Provincial level.**
- **Provide idea to develop Comprehensive Plan Agricultural Development in the Provincial level,**
- **Provide idea for formulation / monitoring / evaluation of programs and projects oriented agricultural support to small farmers.**

8

Expected Results

1. Clarify the information that each institution has a central and provincial level.
2. Recognize the necessary information that was collected according to their competence in their work by the provincial agricultural development.
3. Identify the necessary information for agricultural development at the provincial level. Based on the information mentioned above paragraphs.

9

Activities

- Preparation Workshop
- Activities work for Expected Outcome 1
- Activities work for Expected result 2
- Activities work for Expected Outcome 3

10

Actividad

- Preparación del Taller -

Participants of groups are the following:

Group A: INDA, and INAR INCCA

Group B: INIAP

Group C: MAGAP

Group D: BNF

Group E: Provincial Council

Select group facilitator internally .

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Actividad

- Method -

1. Each participants group will write their ideas discussed in the recycled paper.
2. After collecting ideas, each group will rank the same on each item with the help of the facilitator (15 minutes).
3. Each group will prioritize the important ideas as a result of identifying information.
4. Each group will choose a speaker to present the results of the workshop (5 minutes)

12

Actividad

- Activities for Expected Result 1-

Clarify the information that each institution has a central and provincial level.

Item of identifying information

- Data was collected continuously
- Information of laws, regulations, policies and others.
- Information of knowledge and technology
- Information of support services
- Other

All data should be drawn / written in a way that can be used together.

All information is does not need to be developed further in the initial step in Agricultural Roundtable.

13

Actividad

- Activities for Expected Outcome2-

Recognize the necessary information that was collected according to their competence in their work by the provincial agricultural development.

Item of identifying information

- Necessary Information

All information is does not need to be developed further in the initial step in Agricultural Roundtable.

14

Actividad

- Activities for Expected Outcome 3-

Identify the necessary information for agricultural development at the provincial level, based on the information mentioned other expected results.

In Tables 1 and 2, each institution must choose (circle one) it deems necessary information sharing, and numbered according to their priority.

15

Actividad

- Activities for Expected Outcomes -

Item	Identification of Information
Data was collected continuously	Information of LIPAs (✓) Production Cost (✓) Market Price (✓) Agricultural potential by carbon (surface, %, Cultivation Priority) (✓) Register of Communities, Foundations, Corporations, Associations, etc. (✓) Agriculture sector policy (Product Chain... Etc.) (✓)
Information of laws, regulations, policies and others.	Data provided by the INIAP
Information of knowledge and technology	Strengthening of partner organizational (regulations), administrative, agricultural training, companies keep community support, technology transfer, coordination agency (local, parroquia, sheriff), methods of interaction (survey, storage support)
Information of support services	Framework for Operation Plan (✓) Operation Plan in provincial and local level (✓)
Otros	Data expansion and formalization (year, pluriannuity / cadastre) Directory of contacts for inter-ordination between institutions (including NGOs)
Información Necesaria	List of budget actions (✓) the annual institution Identificacoom suppliers and value added product Data production and sale. (real) Data brokers and suppliers. (prices, trends, etc.) List of projects (irrigation.....) from other institutions Meteorological data (INAMHI) Provincial Level

Seventh Meeting (Final Meeting) of the Working Group

Program

- Objectives:** To present the Draft Final Report to the technicians and engineers of the institutions related to the study of the four provinces (Cotopaxi, Tungurahua, Bolivar and Chimborazo) and the Central Level
- Venue:** Quito
- Date & Time:** Thursday 15 July 2010, from 10h00 to 15h10
- Participants:** All Technicians and Engineers of the institutions related to the study, the four provinces (Cotopaxi, Tungurahua, Bolivar, Chimborazo), the Central Level that have participated in the last two meetings (Working Group and Provincial Level Working Group) of JICA Study
- Agenda:**

Hour		Description	Responsible Person
Initial	Final		
10h00	10h05	Opening Remarks and Objectives of the meeting	Cooperation International
10h05	10h15	Explication of the Agenda and Introduction of Participants	Cooperation International
10h15	10h45	Presentation of the Framework and Activities of JICA Study	JICA Study Team
10h45	11h30	Presentation of Direction of Support for Small-Scale Farmers	Cooperation International
11h30	12h00	Comments, Questions & Answers	Moderator of the Meeting
12h00	13h00	Lunch	Moderator of the Meeting
13h00	13h45	Presentation of the Establishment of Interinstitutional linkage System	Cooperation International
13h45	14h30	Presentation of Suggestion of Agriculture Technology for Small-Scale Farmers	JICA Study Team
14h30	15h00	Comments, Questions & Answers	Moderator of the Meeting
15h00	15h10	Closing Remarks	Cooperation International

PARTICIPANTS LIST FOR SEVENTH MEETING OF THE WORKING GROUP

Institution/Working Place/Section			Name	Position	
MAGAP	Quito	Cooperación Internacional	Irene Schuldt	Ing.	Directora
MAGAP	Quito	Cooperación Internacional	María A. Moscoso	Dra.	Tecnica
MAGAP	Quito	Cooperación Internacional	Mauricio Rivera	Teni.	Técnico
MAGAP	Cotopaxi	Dirección Provincial de Cotopaxi	Geovany Durán	Dr.	Técnico
MAGAP	Cotopaxi	Dirección Provincial de Cotopaxi	Nervo Alban	Ing.	Técnico
MAGAP	Tungurahua	Dirección Provincial de Tungurahua	Josué Salazar	Ing.	Coordinador
MAGAP	Tungurahua	Dirección Provincial de Tungurahua	Holger Vivanco	Ing.	Técnico
MAGAP	Bolívar	Dirección Provincial de Bolívar	Rodolfo Camacho	Sr.	Técnico
MAGAP	Bolívar	Dirección Provincial de Bolívar	Edwin Lara	Ing.	Coordinador
MAGAP	Chimborazo	Dirección Provincial de Chimborazo	Oswaldo Alvares	Ing.	Técnico
MAGAP	Chimborazo		Angel Vaca	Ing.	Coordinador
BNF	Quito		Oscar Terán	Econ.	Director
BNF	Quito		Diego Ordoñez		Supervisora
BNF	Bolívar		Juan Carlos Bravo	Ing.	Crédito
BNF	Bolívar		Felix Culqui		Consultor
Consejo Provincial	Tungurahua		Walter Jácome	Ing.	Facilitador
Consejo Provincial	Chimborazo		Carolina Chávez	Ing.	Técnica
Consejo Provincial	Chimborazo		Galo Juarado	Ing.	Técnico
INAR	Quito		Ximena Rojas	Ing.	Directora de Desarrollo y Fortalecimiento
INAR	Tungurahua		Patricia Nuñez	Ing.	Directora Regional
INAR	Chimborazo		Jorge Cevallos	Ing.	Desarrollo
INAR	Chimborazo		Wilson López	Ing.	Dirección Regional
INCCA	Quito		Luis Oña	Dr.	Técnico Seguimiento y Evaluación
INDA	Chimborazo		Luis Vicente Agualzacag		Funcionario
INIAP	Quito		Fernando Chávez	Ing.	Técnico VTC
INIAP	Cotopaxi		José G. Camacho	Ing.	Coordinador UTT-C

The Plan of Reorganization of
 The Agricultural Supporting Services,
 Coping with The Poverty Alleviation
 for Rural Small Scale Farmers
 in The Mountainous Area
 in The Republic of Ecuador

Framework of The Study and Activiites

July 2010

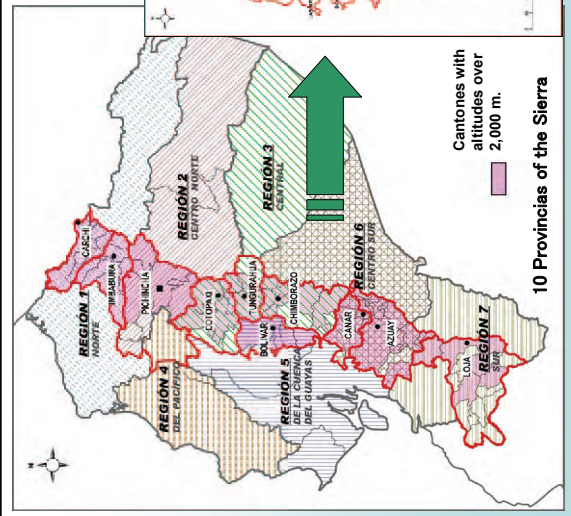
Cooperation International
 of the MAGAP

Study Team
 JICA

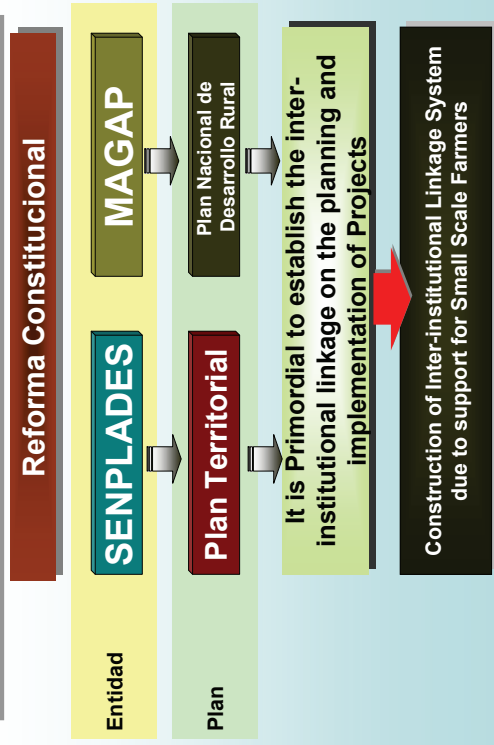
Contents

- Study Area
- Background and Objectives
- Target of the Study
- Agricultural supporting institutions for small scale farmers
- Period and Scope of Study
- Results
- Activities
- Summary of Current Situation of Small Scale Farmers

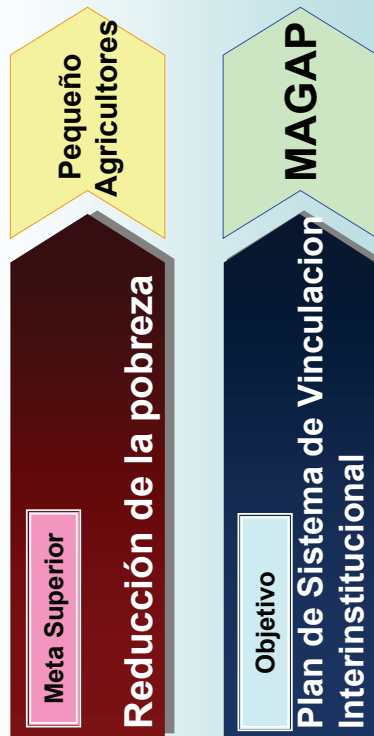
Target Area



Background and Objectives

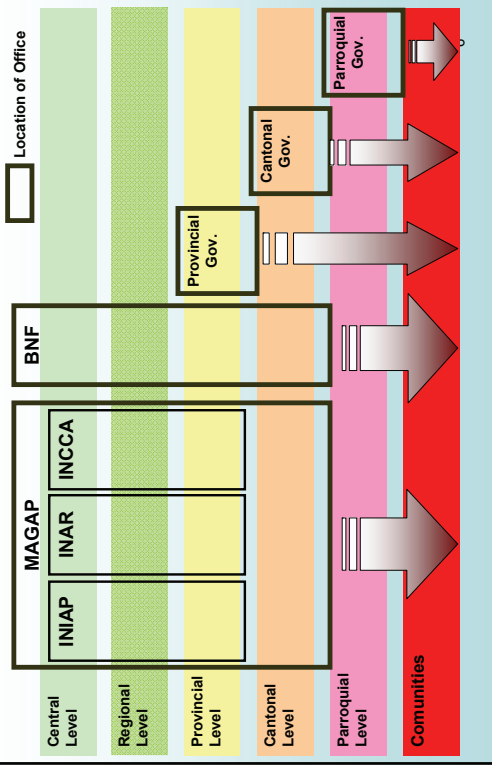


Target of the Study



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Agricultural supporting institutions for small scale farmers



Period and Scope of Study

- **First year**
(2009/02 -> 2009/10)
 - 1. Analysis of the actual condition of supporting system of agriculture for small scaled farmers.
 - 2. Identification of need of small scaled farmers for agricultural support.
- **Second year**
(2010/02 -> 2010/07)
 - 3. Identification of agricultural technology needed for small scaled farmers in rural region.
 - 4. Formulation of plan of reorganization for agricultural supporting system for small scaled farmers.

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Results (Reports)

Report	Contents	Submission date
Inception Report	Basic concept, Scope, methodology and schedule of the study	Beginning of Feb 2009
Progress Report	Identification of policy and system for supporting small-scale farmers in the Sierra region and Ecuador, and actual conditions of their supports.	End of Jun 2009
Interim Report	Identification of needs of small-scale farmers in the Sierra region and actual conditions of support for small-scale farmers.	End of Oct 2009
Draft Final Report	Overall study, Planning of reorganization for supporting small-scale farmers, Recommendations etc.	Middle of Jul 2010
Final Report	Overall study, Planning of reorganization for supporting small-scale farmers, Recommendations etc.	Oct 2010

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Activities

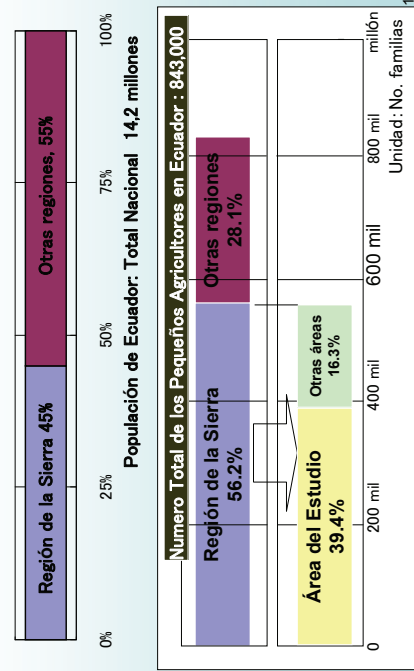
- Identification of the conditions of the institutions in charge of supporting for the small scale farmer
- Identification of situation and needs of support for small scale producers
- Working Group
- Provincial Working Group

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Summary of Current Situation of Small Scale Farmers

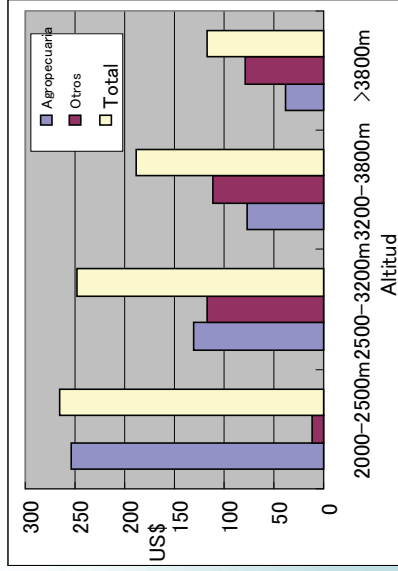
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- Number of Agriculture Producers -



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- Relation between Altitude and Income Source for Communities -



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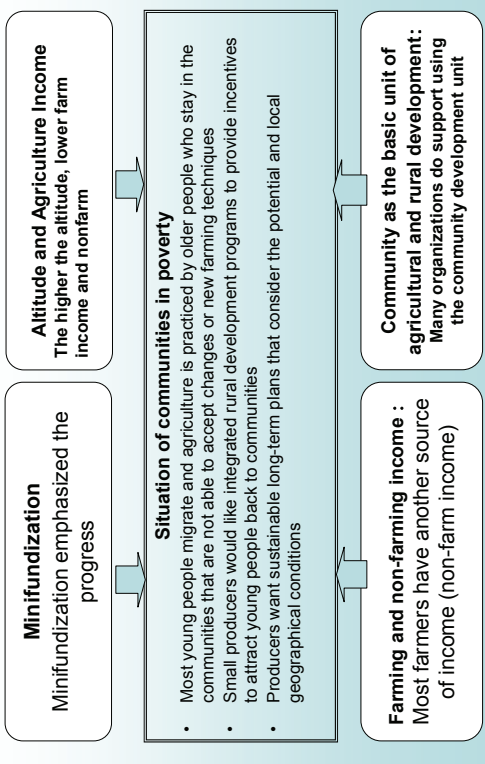
- Main Activities of Small Scale Farmers-

Característica	Productos agrícolas
Major agricultural products in the Sierra	Corn (food), beans, potatoes, barley, beans, peas, tomato, babaco, dairy, sheep, etc
Specific Agricultural production in the Serra	Peas, green beans, pork
Typical farming Sierra	Production of maize (human consumption), frejol beans, peas. Traditional agriculture (quinoa, chocho, melloco, medicinal herbs). Agriculture associated with animal farming

- Average productivity of major crops in the Sierra-

Area	Potato	maize (for human consumption)	Wheat	Barley
Provincia of Chimborazo	4.0	1.9	0.4	0.6
Average of Ecuador	6.1	2.6	0.6	2.0
Ecuador (Goal)	20.0	4.0	1.2	3.5
Average Latinoamérica	15.8	---	2.3	2.5

- Social issues faced by small farmers-



Thanks

The Plan of Reorganization of
The Agricultural Supporting Services,
Coping with The Poverty Alleviation
for Rural Small Scale Farmers
in The Mountainous Area
in The Republic of Ecuador

Plan of Inter-institutional Linkage

on

Draft Final Report

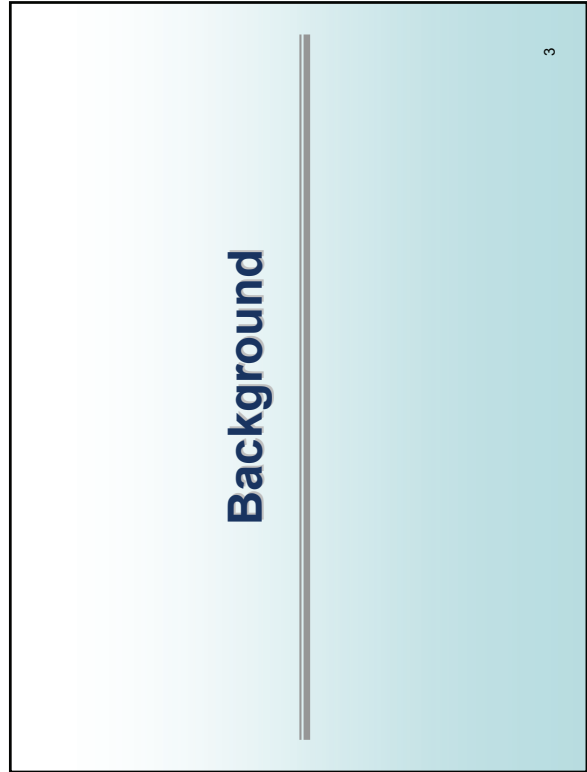
July 2010

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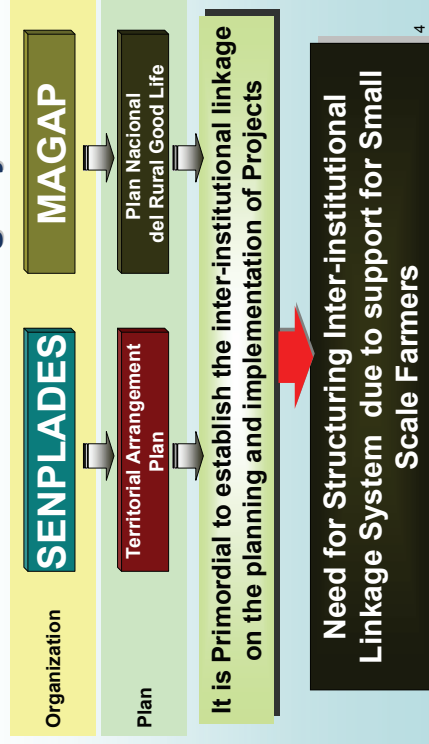
Contents

- Background
- Direction of Support for Small Scale Farmers on the Inter-institutional Linkage System
- Inter-institutional Linkage System
- Structure of the Inter-institutional Linkage System
- Internal Management
- Improvement of the Technical Capacity



Background

Need for Structuring Inter-institutional Linkage System



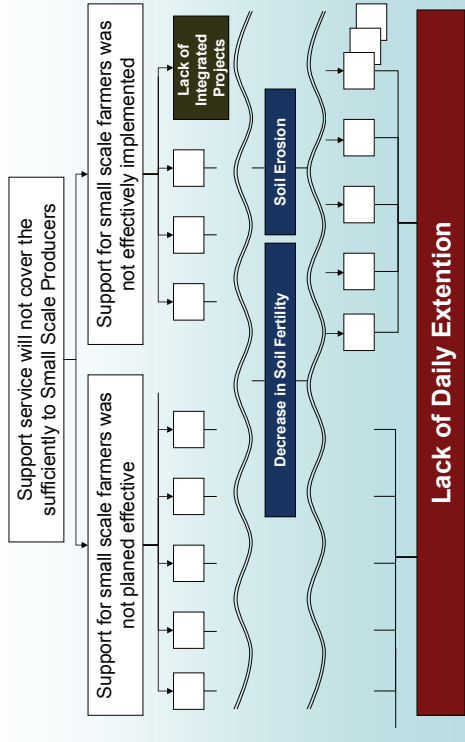
Background

Strengths and Weaknesses of the "Small Scale Farmers on Poverty" and "Support for Small Scale Farmers by Supporting Institutions"

Support for Small Scale Farmers by Supporting Institutions	
Strengths	<ul style="list-style-type: none"> > Implementation of support for small scale farmers on the basis of the new Constitution and the National Plan of Good Life. > Development Activities based on Plans, Programs and Systems defined in the Plan National of Good Life Rural. > Local governments become the center for the implementation of support to small scale farmers, running the particular development based on the POT.
Weaknesses	<ul style="list-style-type: none"> > The population of poor small scale farmers is higher compared to the staff and budget of the supporting institutions, moreover, that the population is scattered. > Cooperation between the supporting institutions is given only in some sectors. > Supporting institutions can not cover all activities of necessary support. > There are necessary points to improve the system in some parts of the activities of Supporting Institutions.

Background

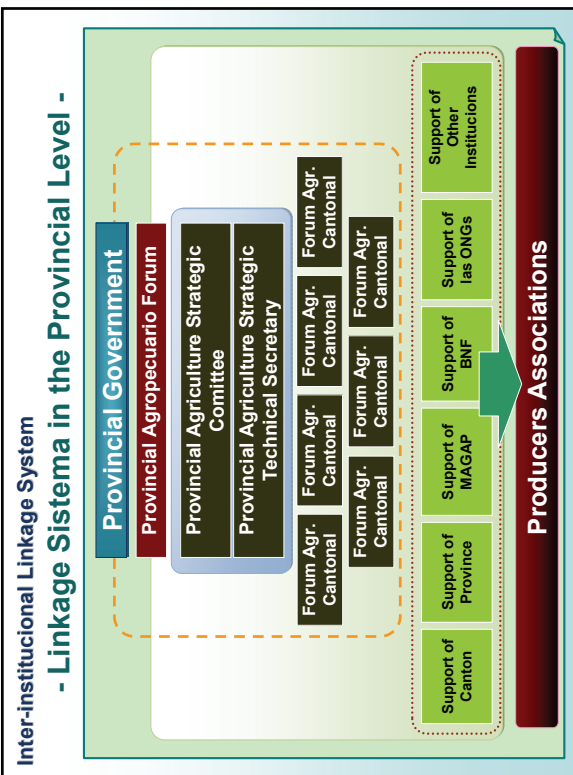
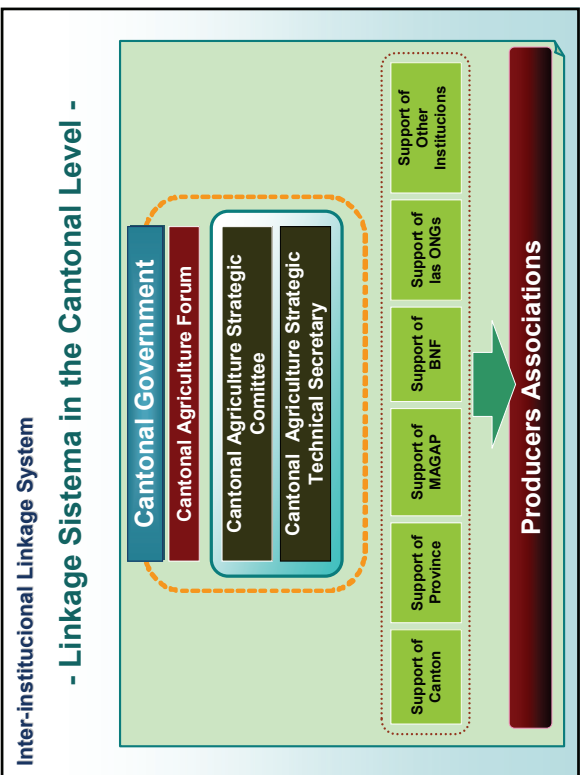
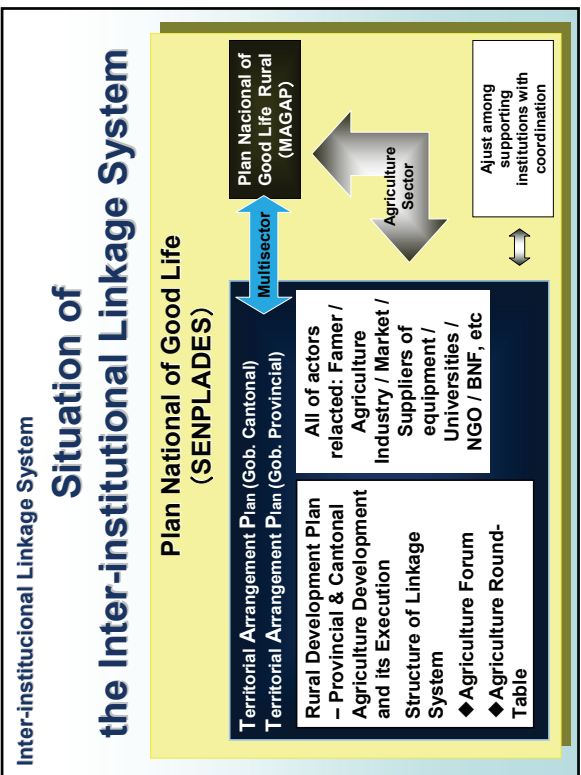
Problems of Support for Small Scale Farmers



Direction of Support for Small Scale Farmers on the Inter-institutional Linkage System

- **Routine Extension Service**
(Large numbers of farmers neglected because the low number of Extensionist)
- **Maintenance and Increase Soil Fertility and Soil Conservation**
(A major cause of low productivity is the Low Soil Fertility)
- **Articulated Projects**
(Limited results because of the number of isolated projects)

Inter-institutional Linkage System



Inter-institucional Linkage System

- Linkage System to Support for Small Scale Farmers-

- Agriculture Forum:**
 These forums will be convened regularly (once a year) to share among the members the results achieved and the Basic Policies for Development, and agree on priority issues. Both cantonal and provincial governments should convene promptly to the various working groups or issue relevant information regularly, thereby providing opportunity and space for exchange between
- Agriculture Strategic Committee:**
 This committee will be established within the respective cantonal Roundtable and Provincial Agricultural to analyze and make decisions on the basic policies of agricultural development at district and provincial level. The Committee shall cooperate with district and provincial governments in the administration of the forums, the pair of supporting the coordination and exchange of information among members of the forums.
- Agriculture Strategic Technical Secretary :**
 This Secretariat will aim to provide technical support to organizations providing support services.

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Structure of the Inter-institutional Linkage System

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Structure of the Inter-institutional Linkage System

- Agriculture Forum - (Cantonal / Provincial)

- **Function**
 - Agricultural Sector Promoter on the Territorial Arrangement Plan.
- **Participantes**
 - All actors involved in the Agricultural Sector
 - Private Sector: Farmers, Farmers Associations, Agricultural Industry, Markets, Dealers, Traders, etc.
 - Public Institutions: Cantonal and Provincial Government, MAGAP.
 - Supporting Institutions : Universities, NGOs, Financial Institutions.

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Structure of the Inter-institutional Linkage System

- Mesa Redonda Agropecuaria - (Cantonal / Provincial)

- **Objective**
 - Support for the Development of Territorial Arrangement Plan
 - Creation of Agricultural Forum.
 - Cooperation of Support for Small Scale Farmers.
- **Principals Members**
 - Provincial Level: Cantonal and Provincial Government, Provincial Direction of the MAGAP.
 - Cantonal Level: Parroquial, Cantonal and Provincial Government, Provincial Direction of the MAGAP.

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Structure of the Inter-institutional Linkage System

Rol de los Principales Miembros de la Mesa Redonda Agropecuaria

- **Parroquial Government:**
 - Provide information on communities and parroquias closer to farmers
- **Cantonal Government :**
 - Provide agricultural information at the community level.
 - Organize the Cantonal Agricultural Round-Table.
- **Provincial Government :**
 - Provide information on the Agricultural Support Project to be implemented within the Community and Provincial Agricultural Information Level.
 - Organize the Provincial Agricultural Round-Table.
- **Oficina Provincial del MAGAP:**
 - Provide information on the Agricultural Support Project MAGAP in a demand of community and Agricultural Information Nation-wide.

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Structure of the Inter-institutional LinkageSystem

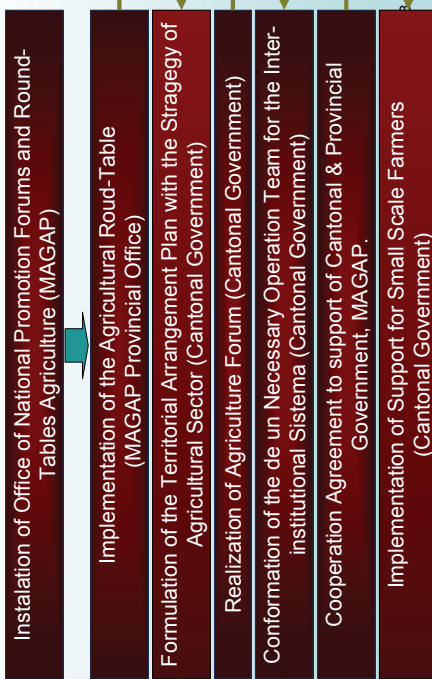
MAGAP Role on Inter-institutional Linkage System

- Participate for both as Executor of Support to Small Farmers and as Lead Sector Policy.
- Take initiative Agricultural Development (poor smallholders) based on the National Territorial Development.
- To do above roles, MAGAP have to set to an Office of National Promotion Forums and Round-Tables Agriculture in his building.

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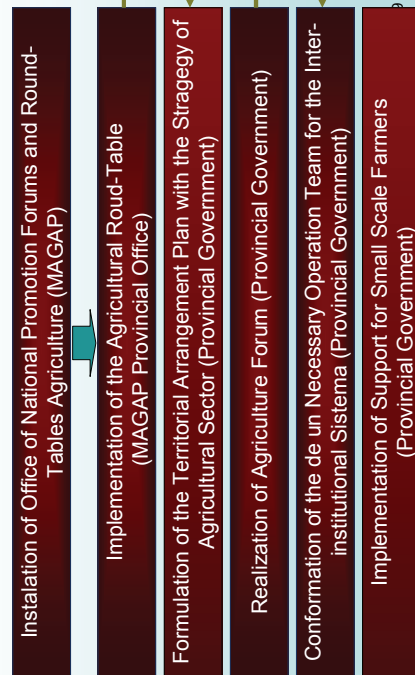
Structure of the Inter-institutional LinkageSystem

Procedure for the Ejection of Support for Small Scale Farmers through the Cantonal Inter-institutional linkage system



Structure of the Inter-institutional LinkageSystem

Procedure for the Ejection of Support for Small Scale Farmers through the Provincial Inter-institutional linkage System



Internal Management/Administraion

Unify the Table of Contents on each Project Profile
Introduction of the Evaluation Sheet

- Introduction of Project Management System to improve / reform projects.
- Deepen understanding of the content of the projects to be executed by those responsible for these projects.
- Use as a tool to improve communication between the institutions of support.
- Improving Transparency in Project Management.

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Improvement of Technical Capacity

Facilitator Training Program by MAGAP

- Training Capacity Building of Facilitators for Rural Agricultural Development.
 - Structuring of the Network of Facilitators for Rural Agricultural Development.
 - Meeting of Facilitators for Rural Provincial Agricultural Development
- ➔
- **Necessary Capacity**
 - Facilitation skills have a lot of flexibility for Participatory Development.
 - Coordination skill is essential for the Coordination of Coordinators for Development Projects.
 - Specialty Basic Technique.
 - **Required Activities for Capacity Building**
 - Training and continued practice. self-study, field training, training for each region

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Thanks

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DRAFT FINAL REPORT

3rd. Part Necessary technical for Small Scale Farmer

July 2010

Cooperation International MAGAP Study Team JICA 1

Contents

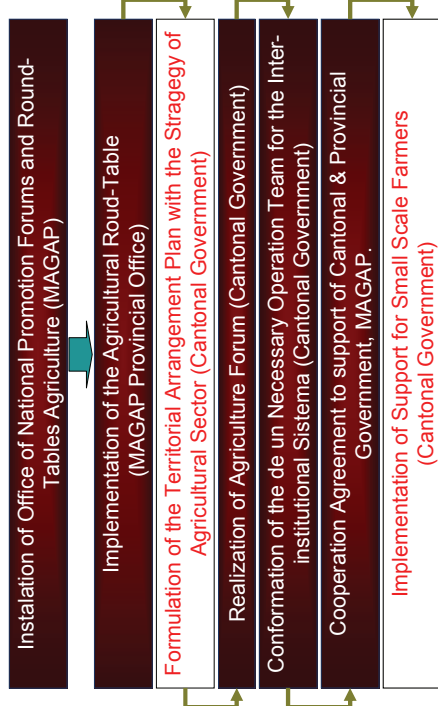
1. Background: Strengths and weaknesses of the agricultural activities of small scale farmers in poverty
2. Positioning of necessary farming techniques proposed by the Study Team
3. Development model of support for small scale farmers
4. Required technologies: Address of necessary support for each sector technologies, and articulate priority projects
5. Points to be considered for project implementation
6. Summary of priority projects / articulated

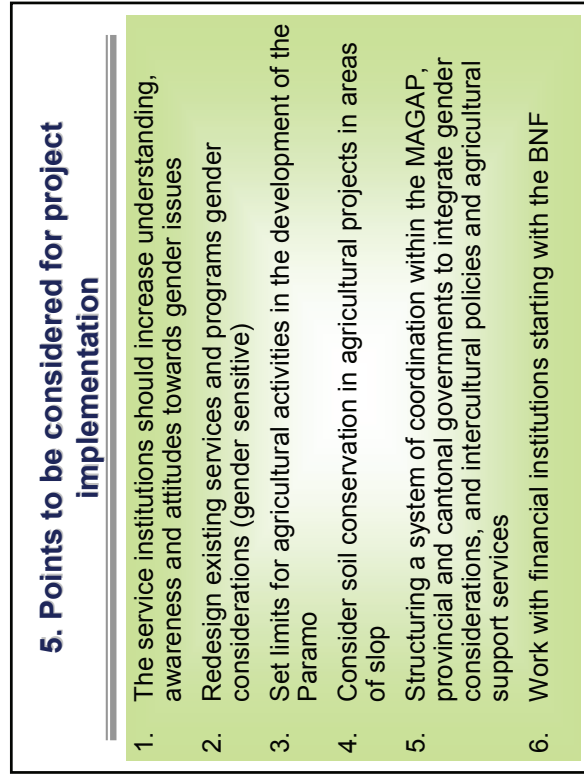
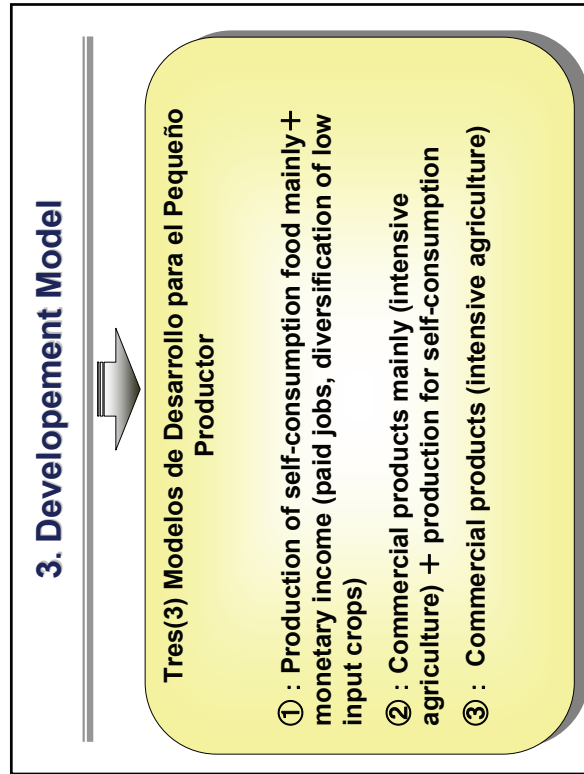
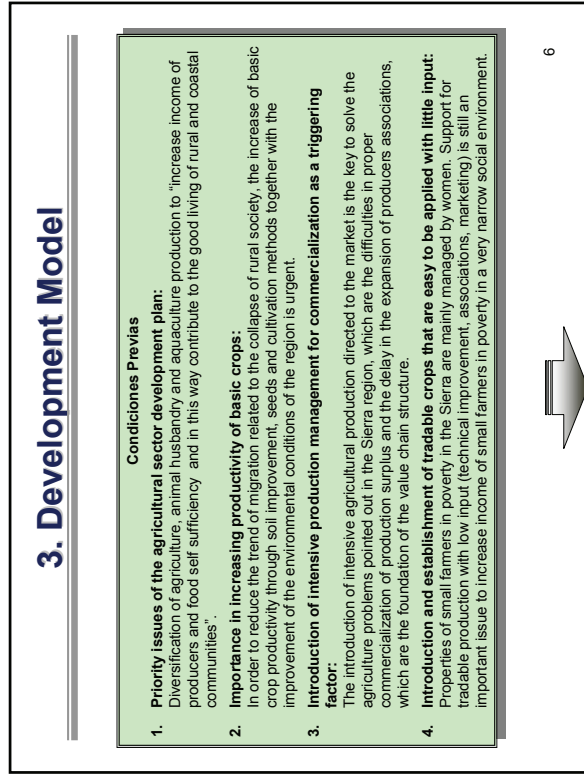
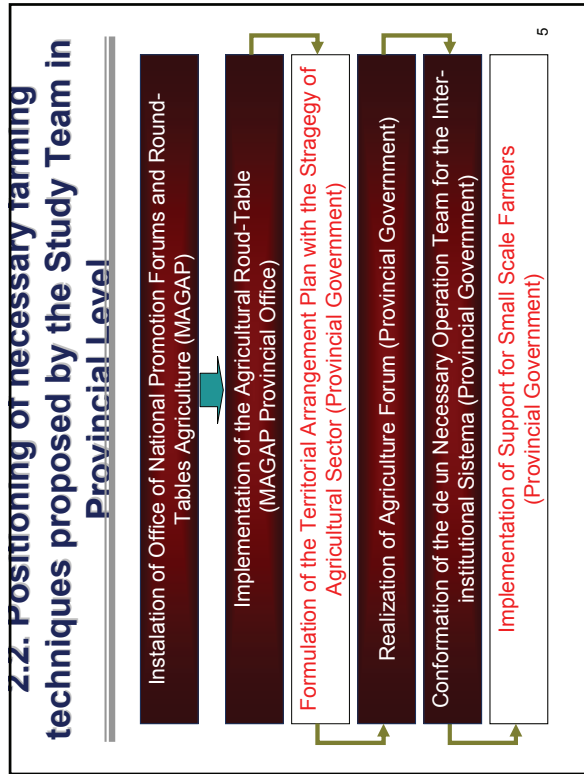
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1.1 Background: Strengths and weaknesses of the agricultural activities of small scale farmers in poverty

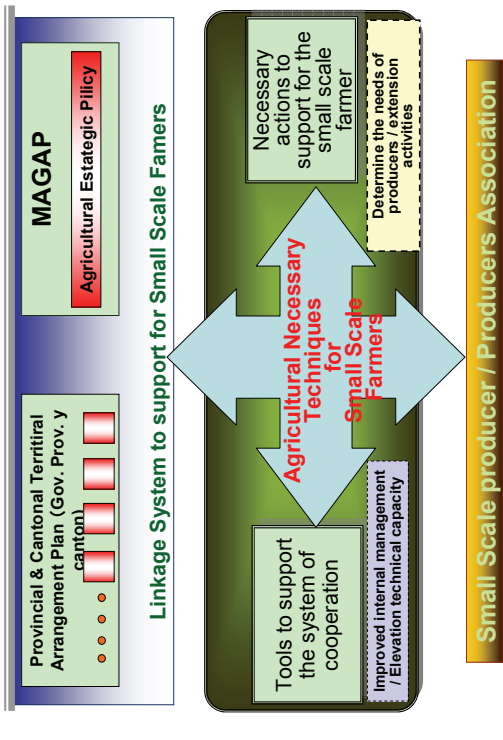
Strengths	weaknesses
Practice of agriculture and animal husbandry of small farmers <ul style="list-style-type: none">- Traditional techniques of production.- Production of crops adapted to the Andean Region.- Work of a system of mutual help at the community level.- Possibilities of obtaining non farming income.	<ul style="list-style-type: none">- Decomposition of the sustainable use of soil (use of land, water, soil).- Loss of native crops and deterioration of genetic characteristics.- Difficulty to achieve fair trade for surplus production.- Delay in farmers organizations as the foundation for building the value chain- Communities in disintegration crisis.

2.1 Positioning of necessary farming techniques proposed by the Study Team in Cantonal Level





2. Posicionamiento de las técnicas agropecuarias necesarias propuestas por el Equipo de Estudio



4. Necessary Techniques 4.3 Priorities and Articulated Projects

Direction of Support for Small Farmers	Model Projects with High Priority	Executing Entities
Permanent Extension	-Extension of simple Techniques to reduce soil erosion -Implementation of participatory rural development using the ERA's	-MAGAP, Provincial and Cantonal governments -ERA's
Production Base	-Development of irrigation facilities inventory -Development of inventory of traditional varieties (agriculture, livestock)	-- INAR and provincial government -- INIAP
Articulated Projects	(Ejemplos) -Environmental Agriculture -Road Stations -Agrosilvoastral Projects	MAGAP, provincial and cantonal government, and related institution/organization ¹⁰

Permanent Extension : Implementation of participatory rural development using the ERA's

T i t l e	
Superior Goal	Inventory Survey in Rural areas Identify the agricultural strategy at the level of canton and province
Objective	Problems and challenges of the community and agricultural organization are identified and shared by inhabitants living there.
Results	1. Establish and reformulate the rural organizations (Community and Agricultural organizations), and select leaders or representatives for them. 2. Elaborate the inventory list to include socio-economic condition, natural condition and needs of the community. 3. Consider problems and challenges, and responsive actions from the middle and long term view points together with the representatives of the community and supporting institutions. 4. Reconsider the inventory list with the implementation structure, through action resolved by the community, and action with governmental support.
Executing entity	Facilitator and Provincial staff of MAGAP, Provincial Government, Cantonal Government
Execution period	Six months to One year

6. Summary of Priorities and Articulated Projects

Permanent Extension: Extension of simple Techniques to reduce soil erosion

T i t l e	Extension of simple techniques to reduce soil erosion
Superior Goal	Keep the soil as the basis of farming for farmers in the region
O b j e c t i v e	To Extend simple techniques to reduce soil erosion which can be applied by the producers themselves
R e s u l t s	<ol style="list-style-type: none"> 1. Establish a management committee against soil erosion at the provincial level, and select target producers for technical transfer within the community or association of producers 2. Transfer Technical guidance to producers through theoretical and practical classes and visits. 3. Establish activities related to reduce soil erosion within the communities that will be implemented by the target producers such as recipients of technical transfer. 4. Extension of the techniques within the communities and associations by the recipients of technology transfer principally in accordance with the goals of outreach, also monitor progress of the extension.
E x e c u t i n g e n t i t y	Facilitators of ERA's and provincial staff of MAGAP, Responsible persons of Agricultural development in the Provincial and Cantonal government.
E x e c u t i o n p e r i o d	First phase (two years) are to achieve results 1 to 3 and then technical assistance and transfer in the permanent extension will continually be updated.

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Production Base: Development of irrigation facilities inventory

T i t l e	Development of irrigation facilities inventory
Superior Goal	Become able to produce agricultural products in the province, implementing irrigation support smoothly and efficiently.
O b j e c t i v e	Develop an irrigation facilities inventory with identification of irrigable area, which in turn is to be used in the formulation of irrigation projects and their implementation.
R e s u l t s	<ol style="list-style-type: none"> 1. Develop an inventory list based on the actually implemented projects supported by the institutions related to support for irrigation projects. 2. Develop an inventory list of contractors and suppliers of materials for the construction of facilities 3. Develop an inventory list of water rights including number of users, flow volume, water resources and irrigated area, type and size of facilities, products, land use, natural conditions and irrigation techniques. 4. Use the inventories lists as basic information for the monitoring and planning of irrigation projects in the provinces. 5. Establish a structure to use and update the inventory in INAR and Provincial and Cantonal governments, which in turn are to manage the structure.
E x e c u t i n g e n t i t y	INAR, Provincial and Cantonal government INAR
E x e c u t i o n p e r i o d	One year

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Production Base: Development of inventory of traditional varieties (agriculture, livestock)

T i t l e	Development of inventory of traditional varieties (agriculture, livestock)
Superior Goal	Disseminate sustainable agriculture and livestock considering the environment of the Sierra region.
O b j e c t i v e	Develop an inventory of traditional varieties (agriculture and livestock) which are adapted to the agro-ecosystem of the Sierra region and have potential of high market value, and an inventory of necessary techniques for the varieties.
R e s u l t s	<ol style="list-style-type: none"> 1. Develop an inventory of crops and animals which have been traditionally produced in the Sierra region 2. Develop an inventory of techniques and systems that have been traditionally used in cultivation and in rearing livestock in the Sierra region. 3. Evaluate potential use of the inventory, and actual situation of species preservation and conservation. 4. Establish and operate a structure and update the inventory within the INIAP.
M a i n p r o d u c t s	Potatoes, maize, quinoa, oca, melonco, mashua, tomato, babaco, alpaca, fertilization methods, disease prevention, cultural practices, irrigation methods and other
E x e c u t i n g e n t i t y	INIAP and provincial offices of MAGAP
E x e c u t i o n p e r i o d	Two years

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Articulated Project: Environmental Agriculture

T i t l e	Strengthening of Organic Production and Marketing by Small Farmers.
Superior Goal	Dissemination of organic farming to small farmers, as alternative of agricultural development in the country.
O b j e c t i v e	Dissemination of organic farming techniques and establishment of a Participative Certification System of agricultural products in the provinces of Chimborazo and Tungurahua.
R e s u l t s	<ol style="list-style-type: none"> 1. Establishment of an organic farming platform at provincial level. 2. Assign and form a group of organic agriculture Promoters. 3. Creation of a Participative System of Technology Dissemination through actions of the Promoters. 4. Creation of a Participative Certification System at provincial level. 5. Dissemination of the system of Promoters and Participative Certification to other provinces.
E x e c u t i n g e n t i t y	Environmental Agricultural Table of the Provincial Agricultural Forum (provincial offices of MAGAP, provincial and municipalities governments, NGOs, etc.).
E x e c u t i o n p e r i o d	Three years

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Articulated Project: Road Stations

T i t l e	Project Road Stations of Parroquia _____ in Chimborazo Province
S u p e r i o r G o a l	Improvement of small farmers and rural population living conditions with regional economic reactivation through the "Road Stations" project.
O b j e c t i v e	<ol style="list-style-type: none"> 1. Build "Road Stations" in potential trunk roads to function as places to rest, places for issuing information regarding local and regional coordination and as a place for direct contact between consumers and producers 2. Achieve sustainable administration of "Road Stations" through participative organizations for direct sales of small farmers and rural population production
R e s u l t s	<ol style="list-style-type: none"> 1. Creation of the Road Station Project Commission at provincial level in the Province Agricultural Forum. 2. Identification of potential "Road Stations" candidate sites and budget to build the same. 3. Creation of participative management organizations at parroquia level with the identification of the "Road Station" project beneficiary zones. 4. Direct sales of local products with the construction of the "Road Stations". 5. Opening of the "Road Stations" with the function of rest place and place for issuing information and regional coordination.
E x e c u t i n g e n t i t y	Road Station Project Committee of the Provincial Agricultural Forum and corresponding municipal and parroquia governments.
E x e c u t i o n p e r i o d	Three years

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Articulated Project: Agrosilvopastrial Project

T i t l e	The Agrosilvopastoral project for soil fertility sustainability and improvement and soil conservation at the provincial level
S u p e r i o r G o a l	Reduction of poverty through soil fertility sustainability and improvement and soil conservation, which is the base of agricultural activity of farmers at canton level.
O b j e c t i v e	Directed to small producers carrying out farming activities in low agricultural productivity zones, by introducing integrated agrosilvopastoral activities for soil fertility sustainability and improvement and soil conservation, at the micro-watershed level.
R e s u l t s	<ol style="list-style-type: none"> 1. Establishment of a project implementation committee from among concerned entities to identify target areas with low agricultural productivity due to soil erosion and awareness-raising of farmers 2. Selection of an organization and one community in the target area in which to establish the project implementation system. 3. Clarification of methodology and objectives to introduce crop rotation, fodder production, green manure, reforestation, animal farming, and measures against soil erosion at the short, medium and long terms, and project implementation based on short term objectives 4. Establishment of an implementation system by clarifying the land use plan in the zone for the medium and long terms and the objectives of the measures for agrarian land.
E x e c u t i n g e n t i t y	Canton government, Parroquia government, provincial government, MAGAP, INIAP and related entities
E x e c u t i o n p e r i o d	Three years After the Project period, beneficiaries will need to operate and maintain the project in order to achieve the middle and long term objectives of the project.