

Annex VIII Record of the Discussion on the Technical Committee Meeting at Rwamagana and Kirehe Districts

RECORD OF THE DISCUSSIONS

ON

THE 1st TECHNICAL COMMITTEE MEETING

AT EASTERN PROVINCE

FOR


THE SMALLHOLDER MARKET-ORIENTED AGRICULTURE PROJECT (SMAP)

-IN RWANDA

Rwamagana, Rwanda

2nd December, 2014


Mr. MYAMBI BARAHENDA CELESTIN
Head of RAB Zone in Eastern Province


TECHNICAL BOARD
OF AGRICULTURE
EASTERN PROVINCE
RWANDA

Mr. Michio GOTO

Team Leader of The Project Team

I. INTRODUCTION

The Project Team (herein referred to as the Project Team) headed by Mr. Michio GOTO consists of 7 members of which three members arrived in Kigali on 5th November, 2014. Following the Record of Discussions on the Smallholder Market-oriented Agriculture Project in Rwanda (herein referred to as SMAP) signed on 30th April, 2014 by both the Japanese side and the Rwandan side. The first Joint Coordination Committee (JCC) meeting was held on 18th November, 2014 to explain and discuss on the Draft Work Plan of the said project.

In their presentation, the Project Team started by explaining the SHEP approach learnt from Kenya's experience that aims at market oriented agriculture and capacity development of stakeholders. Then participants were explained the Draft Work Plan for SMAP including selection of target cooperatives and implementation arrangement. And also Rwandan side gave precious comments to the Project Team.

Based on the comments in JCC meeting, a technical discussion meeting was organized on 24th November 2014 at RAB headquarters meeting room in which target districts in eastern province were discussed and decided as Rwamagana district and Kirehe district for both horticulture and rice cultivation. Further, JCC members and Technical Committee (TC) members were identified and the Technical Committee meeting at eastern provincial level was decided to be held on 2nd December 2014 in the presence of the representative of RAB, NAIB and Project Team.

II. Technical Committee (TC) Meeting at Provincial Level

Venue: Dereva Hotel, Rwamagana

Participant: Refer to Appendix I

(1) Opening remarks by the Head of RAB Eastern Provincial Zone

In his opening remarks, the Head of RAB zone at Rwamagana thanked the JICA Technical Cooperation Team noting JICA important contribution in Agriculture Sector. He observed that the two commodities, namely horticulture and rice, promoted by the Team are of paramount importance in the Province. Further, he pointed out the key issues on productivity, capacity building, issue related to value chain, production, postharvest, handover and processing are essential for the promotion of Agriculture.

The Head of RAB zone congratulated the two districts, namely Rwamagana and Kirehe for being selected as target Districts. He said related officers in these two districts should be sure that they get from the project what they want. "For example in rice, we want positive changes and you should be our ambassadors as we will have other farmers who will come to observe good changes operated by the project in your area". Concluding, he urged participant government officers to share with the Team existing gaps that will really be addressed by the project.

(2) Introduction of the Project by the Project Team




Annex VIII Record of the Discussion on the Technical Committee Meeting at Rwamagana and Kirehe Districts

Through a video, the Marketing/SHEP approach, Project Team presented to participants major highlights of PCROPP achievements. He let know to participants that the new Project SMAP will use the Technical Package of PCROPP. Presenting the new project, the Team Leader pointed out that while PCROPP only focused on smallholders, SMAP will focus both on developing the capacity of smallholders and extension officers.

Prior to discussion, the program coordinator in JICA let know to related government officers from Rwamagana and Kirehe that they have to clearly understand the aim of the technical cooperation project which is capacity development of government officers and smallholders. They should not therefore take the cooperation project as other projects like RSP projects.

He urged the concerned Government Officers to take advantage of JICA technical cooperation experts including Mr. Kurita who has expertise in rice cultivation and Mr. Fukumoto who is expert in marketing. He said that he highly trusts the technical cooperation experts given their past achievements in Bugesera and Ngoma Districts.

They should not expect this project from funding their activities. Pascal noted that JICA has other areas of cooperation where they provide grant scheme and for the time being the Government of Japan is exploring the possibility of introducing loan scheme within the framework of its cooperation with the government of Rwanda. Thus, it should be well understood that the technical cooperation in Agriculture Sector solely focus on capacity development of counterpart personnel and farmers.

(3) DISCUSSION

a. Concern that Government Officers are so busy to join the project.

Government officers ensured that this understanding is not correct especially that the activities that will be introduced are not new for them. They fall in their usual responsibilities. Thus, if they are informed beforehand about the schedule of the project activities, they will include them in their weekly activity plan.

Referring to the previous experience in the preceding project, SMAP focal agronomist said the government officers used to promise to be available for PCROPP activities but in the implementation they did not participate in, especially sector officers.

Participant government officers let know that, except for Imihigo (performance contract), no other activities can take precedence in priorities over scheduled SMAP activities.

Regarding conflicting activities, that may emerge during the implementation: Some government officers including the Vice Mayor of Rwamagana District noted that important and urgent meetings may conflict with the scheduled project activities. In that case it is imperative to delegate another related officer.

b. Given how the work plan of the project is presented, is it possible to add new elements which are not included in the project?

The project experts explained that while the project focuses on two commodities including horticulture and rice, it is possible to provide advice on other commodity, if requested.

Handwritten signature

c. As during the 2nd year, the Government Officers are the persons to plan and conduct activities and take initiatives, is it possible to include the project activities in the performance contract?

Participants noted that the Performance Contract for this period has already been signed but observed that increased productivity in rice as a result of the project will help reach targets set in the performance contract as regards yield increase per ha.

However, as the Government Officers will start to plan and conduct training by themselves during the 2nd year, the project activities will then be included in the Performance Contract and related budget will be secured.

d. The person who will be in charge of making a plan and supervising the core coop and 4 satellite cooperative during the implementation from the 2nd year

All participants agreed that District Agronomist will be in charge of the above activities.

e. Monitoring system at RAB Zone Office and District.

1st year: RAB zone office and Project Team, District Agronomist and Sector Agronomist will be in charge of this and from 2nd year, Sector Agronomist in collaboration with District Agronomist will be in charge on this matter.

f. Collaboration of two existing extension systems through MINAGRI and MINALOC

The two systems work together and the reporting system is the same. Farmer promoters: committee at Cell level, Sector level and District level. The information comes from MINAGRI and RAB passes through the District, Sector, Cell, village level to farmers. Regarding reporting, reports come from village, Cell to Sector and then the District level summarized the reports that are sent to RAB and MINAGRI. The extension channel is shown below.

The extension channel: MINAGRI → RAB → Farmers
The extension channel: MINALOC → District → Farmers

Involvement of RAB zone: RAB zone compile all the reports from the districts and submit the compiled report to RAB Central Office.

As for the role of MINALOC: it just ensures the central administration for the Districts but District and Sector Agronomists are under the direct supervision by the District

Reporting system with NAEB: NAEB activities used to be reported by the District Value Chain officer whose position has been suppressed after the recent restructuring in public administration. Now it is envisaged that each District will recruit an officer in charge of horticulture who will take over the responsibility. But this will depend on each district budgetary capacity. As for Now, horticulture information is collected by the sector Agronomist who reports to the District Agronomist and the latter transmits the compiled report to the representative of NAEB at Province level

g. Schedule for the Technical Committee meetings at the respective Districts

Schedule for the Technical Committee meetings at the district level were discussed and decided as below.

Handwritten signature

Annex VIII Record of the Discussion on the Technical Committee Meeting at Rwamagana and Kirehe Districts

Rwamagana District: 10th December 2014, in Rwamagana District Meeting Room
 Kirehe District: 11th December 2014, in Kirehe District Meeting Room

The following will be invited to participate in the above meetings: Sector agronomists, Cooperative Officers, Cooperative Union leaders. In each District, the meeting will be chaired by the Vice Mayor in charge of Finance and Economic Affairs.

(4) CONCLUSION

Closing the meeting, the Vice Mayor in charge of Finance and Economic Affairs in Rwamagana expressed her gratitude to the Technical Cooperation Team and JICA Office in Rwanda for having selected her District for Capacity Building in Agriculture Sector. She pledged that Government Officers are determined to fully work with the Team along the whole year.

W.S.

Appendix I LIST OF PARTICIPANTS

1. Government Officers

- 1) Mr. MYAMBI BARAHIRA Celestin Head of RAB Zone in Eastern Province
- 2) Ms. MUTIGANGA Francisca District Vice Mayor in Charge of Finance and Economic Planning, RWAMAGANA
- 3) Mr. UKIZURU Innocent District Agronomist, RWAMAGANA
- 4) Mr. MUKIZA Moïse District Cooperative Officer, RWAMAGANA
- 5) Mr. NSABIMANA Desire District Cooperative Officer, KIREHE
- 6) Mr. KABALISA Jean Claude District Agronomist, KIREHE

2. Cooperative Union

- 1) Mr. GASANA Samuel Secretary of Horticulture Cooperative Union, CUFFKAKI / KIREHE

3. JICA Rwanda Office

- 1) Furaha Pascal Program Office (Agriculture)

4. Project Team

- 1) Mr. Michio GOTO Team Leader/Agricultural Extension
- 2) Mr. Masaya FUKUMOTO Co-Team Leader, Agriculture/Marketing/SHEP
- 3) Mr. Zeisugaku KURITA Rice Cultivation/Training(I), Post Harvesting/Marketing

5. Local Supporting staff

1. Mr. MUVUNYI Yahaya Project Operation Coordinator
2. Mr. NTEZIREMBO Valens Project Operation Coordinator
3. Mr. RWIGIRA Emile Translator
4. Mr. GASHONGORE Isaie Senior Agronomist (Rice)

Annex VIII Record of the Discussion on the Technical Committee Meeting at Rwamagana and Kirehe Districts

THE RECORD OF THE DISCUSSIONS

ON

THE 2nd TECHNICAL COMMITTEE MEETING

FOR

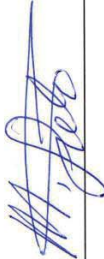
THE SMALLHOLDER MARKET-ORIENTED AGRICULTURE PROJECT (SMAP)

IN RWANDA

Rwamagana District, Rwanda

22nd July, 2015



Ms. Muhongayire Yvonne
Vice Mayor in Charge of Social Affairs
Mr. Michio GOTO
Team Leader of The Project Team

I. INTRODUCTION

Based on the partnership between Japan International Cooperation Agency (JICA) technical cooperation project "Smallholder Market Oriented Agriculture Project in Rwanda" (hereinafter referred to as "SMAP" or "the Project") and Rwanda Government, the 2nd Technical Committee (hereinafter referred to as "TC") Meeting was held at Rwamagana District, Avega Guest house Conference Hall on 22nd July 2015, with the purpose of reviewing the progress of SMAP activities, sharing experiences and good improvement of farming techniques.

II. Technical Committee (TC) Meeting at District Level

Venue: Avega Guest House Conference Hall

Date: 22nd July 2015

Participant: Refer to Appendix 1

(I) Opening remarks by the JICA Representative, Program Officer and Vice Mayor of Rwamagana District

JICA representative, the Program Manager, welcomed all participants and appreciated the strong commitment of the local government; he thanked SMAP for their contribution in Agriculture Sector, which is one of the important sectors. He observed that the two commodities, namely horticulture and rice, promoted by the Project are of paramount importance in the Province. He reminded the participants that SMAP has started working with Rwamagana District last year in November 2014 and would continue working closely up till September 2015. From the Project second year, November 2015, SMAP activities will be implemented by local government where District Agronomist and Sector Agronomist will lead the implementation. He explained that TC Meeting is a good opportunity to review SMAP progress activities and share the experiences so as to focus on how to achieve the Project objectives by looking for the future.

He reminded them that 1st year, National Agricultural Export Development Board (hereinafter referred as "NAEB") Provincial Export Coordinator, Rwanda Agriculture Board (hereinafter referred as "RAB", Eastern Zone Office, District Agronomist and Sector Agronomist were in charge of implementing project activities and from 2nd year, Sector Agronomist in collaboration with District Agronomist will be in charge of this implementation with directly support by RAB Zone office and NAEB Provincial Export Coordinator. He noted that SMAP will continuously support local government in extension program but it would be better if the local government is committed.

JICA Program Manager requested TC, especially local government, to continue to work closely together with SMAP team in order to achieve the project goal. He pledges that JICA is planning for other project, Rehabilitation of Irrigation Facilities for Sustainable Agriculture Development,

Annex VIII Record of the Discussion on the Technical Committee Meeting at Rwamagana and Kirehe Districts

which will also benefit Rwamagana District. Lastly, he emphasized that JICA is committed to support through two pillars of development: infrastructure and capacity development.

Rwamagana Vice Mayor thanked SMAP project for providing technical support to the target farmers who are associated in horticulture and rice cooperatives. She also expressed her gratitude to the SMAP Team and JICA Rwanda Office for selecting Rwamagana District for capacity building in Agriculture Sector. She noted the local government officials observe positive and visible results where the production has been increased in those cooperatives as they stay every day with the farmers.

Vice Mayor concluded that vegetables and fruits are the principal crops of Rwamagana District; thus, SMAP is a good opportunity for the district and for the country in general. In addition, she expressed that there are many marshlands in their district where they could apply the knowledge gained and the District is having the responsibility of expanding SMAP techniques. She promises them that the technical support received from SMAP project will be disseminated to other persons of the districts and even outside of the district.

(2) Introduction of the Project by the Project Team

SMAP Team Leader made the brief introductory presentation of the Project and reminded the participants that SMAP focuses on the capacity building of smallholders and agricultural extension related officers. He emphasized that the purpose of the 2nd TC Meeting was to share the project progress up till now and review SMAP activities so that those concerned could discuss for the way forward. He noted that SMAP Team, NAEB, RAB, District and farmers as implementing agencies and are very important person in expanding SMAP activities.

(3) Presentation of the Progress of Rice Cultivation Training Program

SMAP Rice Expert presented the progress of activities; activity schedule, result of baseline survey, yield analysis of 2015B season, approach taken to disseminate the SMAP techniques within the cooperative and the actual achievement of farmer to farmer extension within the cooperative. The yield analysis of 2015B season in demonstration farm (within the cooperative marshland) showed significant change in yield compared to the baseline survey¹ and a yield potential of the six introduced varieties which showed the direction of yield level in the said marshland

(4) Presentation by Target Rice Cooperative Farmer

¹ Note that it is difficult to compare the result of baseline survey (Season 2013AB, 2014AB, 2015A) as the varieties which farmers choose varies within the farmers.



Target Rice Cooperative representative presented what they used to do, what were SMAP techniques, and what they found as difference in each steps from nursery up to harvesting and water management. He emphasized that they could now understand that by applying the simple and easy techniques, on the right way, right timing, and right amount could increase the yield. Now they have enough water in some canals during rice cultivation, improvement of decreasing yield by shattering, increase germination rate of seed, decrease the number of dead seedling all this were quite different before trainings.

Water user explained that after being trained by SMAP they made new belt canal and secondary canal for getting necessary water in fields; they now know how to install and to make simple division weirs from Eucalyptus. Before SMAP training the water is shared by using local weir made from soil and banana stem which was not appropriate.

(5) Presentation of the Progress of Horticulture Training Program

SMAP Horticulture Expert presented the progress by emphasizing that the project aims to shift from "grow and sell" to "grow to sell", which is to start with the market and end with the market. The presentation included introducing the outline of each activities conducted and the result of the difference in yield between the techniques which cooperative used to do, and SMAP's techniques. Those techniques are simple, easy with low cost and the result ended up in 1.5 times to 2.5times difference in yield. Also the qualities of the vegetables were in the photos and the participants could understand the difference as those vegetables with SMAP techniques were larger in size.

(6) Presentation by Horticulture Target Cooperative Farmer

The presentation was made by the farmer representative of SMAP target horticulture group. She explained the steps of training package and compared how they used to do and what they learned. By applying those many useful techniques and knowledge, she expressed that the yield of the demonstration farm using SMAP cultivation techniques was higher than the traditional technical farmland.

(7) Report of SHEP Training in Japan & Kenya and Presentation of Action Plan by Rwamagana District Agronomist

The District Agronomist thanked JICA for given opportunities to participate in SHEP training taken place in Japan and Kenya. He explained the aim of SHEP is to increase income of smallholder horticulture farmers through improving their capacity in group management and cultivation techniques. The District Agronomist presented the Action Plan which he made during the SHEP training. He also note on how Rwamagana District would continue to disseminate SMAP techniques from second year. To continue the project activities by the district, the partnership agreement signed by the District, NAEB, RAB Zone in Eastern Province and SMAP



Annex VIII Record of the Discussion on the Technical Committee Meeting at Rwamagana and Kirehe Districts

team. He also reminded that the implementing SMAP activities are in Rwamagana Performance Contract 2015/2016, thus has to be achieved.

(8) Discussions

The discussion was facilitated by Rwamagana Vice Mayor. She wished that discussions will focus on ways of how they can maintain achievements and how the SMAP techniques will be extended and shared to the other farmers in order to prevent the loss and increase the production and the profit.

a) **How rice husk charcoal is prepared? Is there any other material which can be used in the place of rice husk charcoal as all farmers cannot access rice industry?**

Referring to experience, SMAP local Agronomist explained that sorghum husk charcoal can be used in the place of rice husk charcoal, buy burning Sorghum husk with the appropriate material as the same manner rice husk charcoal is made. This material can also ameliorate the soil structure

b) **Why among rice targeted varieties Yun Yen rice is include in as it has low demand on the market and even rice industry refuse to buy the yield of Yun Yen Variety.**

SMAP Senior Agronomist charged of rice, explained that Yun Yen is not preferred by consumers at market even if the yield in comparison it with other varieties is the highest. For that we recommended farmers to grow Rumbuka and Kycema (long grain) which can compete with other rice from outside the country. He explained again that if Yuni Yan is cultivating continuously its yield will be decreased so it better to rotate the rice varieties.

c) **SMAP Team recommends District agronomist that Crop intensification Program in MINAGRI and farmer Promoters (Twigire Model) will be also involved in SMAP implementation and suggests that it will be necessary to make clear the concrete schedule for SMAP activities for next year based on the Performance Contract in District.**

d) **Collaboration of District Agronomist and Sector Agronomists**

In order to implement the 2nd year's SMAP activities successfully initiated by the Rwamagana District, District and Sector agronomist have responsibilities for the project and should work well in collaboration with each other.

e) **Representative of Ubumwe Cooperative expressed the challenges they face due to the lack of water.**

District agronomist explained to the farmer representative the process of requesting for the water pump. He noted that the District could support those cooperative with water pump and

5

recommended them to apply to the district by submitting a letter, clarifying their activities in details and their contribution.

f) **Whether the eligible cooperative for SMAP are those cooperatives who are already engaged in horticulture, or open to those who want to start horticulture.**

District agronomist with local SMAP agronomist explained that those cooperative who want to start horticulture are allowed to apply, but there are certain basic questions which might in the end limit those cooperatives.

9) CONCLUSION

Closing the meeting, the Vice Mayor in charge of Social Affairs in Rwamagana District, closed the meeting by expressing her gratitude to the TC Team and JICA Office in Rwanda for having selected their District for Capacity Building in Agriculture Sector. She promised SMAP Project that Government Officers are determined to implement SMAP activities as it is in District Performance Contract.

6

Annex VIII Record of the Discussion on the Technical Committee Meeting at Rwamagana and Kirehe Districts

Appendix 1

LIST OF PARTICIPANTS

1. District Officers

- 1) Ms. Yvonne MUHONGAYIRE Vice Mayor in Charge of Social Affairs
- 2) Mr. J. Pierre KAMAZI MBITSEMUNDA Musha Sector Agronomist
- 3) Ms. Joselyne NIKUZE Rubona Sector Agronomist
- 4) Mr. David MUHIGIRWA Executive Secretary of Gahengeri Sector
- 5) Mr. John Baptiste MUTABAZI Executive Secretary of Rubona Sector
- 6) Mr. George RUHINGUBUGI Executive Secretary of Muhazi Sector
- 7) Mr. Olivier SEBATAWARE Ag. Executive Secretary of Nyakariro Sector
- 8) Mr. Evariste NSENGIYUMVA Ag Executive Secretary of Munyiginya Sect.
- 9) Mr. Valens UWINGERI RWAMAGANA District Agronomist
- 10) Mr. Innocent UKIZURU District Joint Action Development Forum/JADF
- 11) Ms. MUKARUGIRA KAMANZI Public Relation Media and Com. Officer
- 12) Mr. Frouard MURAGIJIMANA Nzige Sector Agronomist
- 13) Mr. Gaston GASHA YIJA Gishari Sector Agronomist
- 14) Mr. Ildéphonse BIZIMANA Fumbwe Sector Agronomist
- 15) Ms. Vestine DUSENGE KUBWIMANA Mwulire Sector Agronomist
- 16) Mr. Benoit SEMUKANYA Kigabiro Sector Agronomist
- 17) Ms. Sandrine RUTIKANGA Karege Sector Agronomist
- 18) Mr. Charles KARANGWA Muhazi Sector Agronomist
- 19) Mr. Valens SIBOMANA Nyakariro Sector Agronomist
- 20) Mr. Gilbert SIMPUNGA Munyaga Ag. Sector Agronomist
- 21) Mr. Augustin UWAYO Muyumbu Sector agronomist
- 22) Mr. Frouard NZEYIMANA Gahengeri Sector Agronomist
- 23) Mr. Elie HABIMANA Munyiginya Sector Agronomist
- 24) Mr. J. Paul NDEREYIMANA

2. Cooperative farmer's Representative

- 1) Mr. RWANDANGA Anastase
Coop President of Twisingane Twiteza Imbere
- 2) Mr. NIZEYIMANA Gaspard President of Terimbere Muhinzi Coop
- 3) Mr. SEBINYENZI Felicien President of Ubumwe Coop
- 4) Ms. MUKANDAYAMBAJE Donathe Vice President of Coopagrika Coop
- 5) Mr. NSEKANABO Joseph President of Coccuricyi Coop

3. RAB REPRESENTATIVE

- 1) RWAMUCYO Louis De Gonzague, Researcher in Rice Program and RAB Zone Focal Point of SMAP Project
4. **JICA Rwanda Office**
 - 1) Mr. Aisuki SAKAMOTO Program Manager
 - 2) Mr. Pascal FURAHA Program Office (Agriculture)
5. **Project Team**
 - 1) Mr. Michio GOTO Team Leader/Agricultural Extension
 - 2) Mr. Masaya FUKUMOTO Co-Team Leader, Agriculture/Marketing/SHEP
 - 3) Mr. Zetsugaku KURITA Rice Cultivation/Training(1), Post Harvesting/ Marketing
 - 4) Mr. Yoshinao ADACHI Horticulture Expert
 - 5) Ms. Nana NOGUCHI SMAP Coordinator
 - 6) Ms. Hiromi TEKENAKA Coop Management/Gender Expert
 - 7) Mr. Takuma KOURA Water Management Expert
6. **Local Project Supporting staff**
 - 1) Mr. MUVUNYI Yahaya Project Operation Coordinator
 - 2) Mr. Valens NTEZIREMBO Project Operation Coordinator
 - 3) Mr. Didier SEMANYENZI Project Capacity Building Coordinator
 - 4) Mr. Isaie GASHONGORE Senior Agronomist (Rice)
 - 5) Mr. Benoit GATEBUKA Senior Agronomist (Horticulture)
 - 6) Mr. Claude MUNEZA Agronomist
 - 7) Mr. Enos Claude BAHUFITE Agronomist
 - 8) Mr. Eric MURAGWANKUKU Agronomist
 - 9) Ms. Gisele UWASE Interpreter/ Secretary

Handwritten signature

Handwritten signature

Handwritten signature

Handwritten signature

Annex VIII Record of the Discussion on the Technical Committee Meeting at Rwamagana and Kirehe Districts

THE RECORD OF THE DISCUSSIONS

ON

THE 3rd TECHNICAL COMMITTEE MEETING

FOR

THE SMALLHOLDER MARKET-ORIENTED AGRICULTURE PROJECT (SMAP)

IN RWANDA

Rwamagana District, Rwanda

1st September, 2015



[Signature]
Mr. MUDAHERANWA Regis
Vice Mayor in Charge of Finance and
Economic Development

[Signature]

Mr. Michio GOTO
Team Leader of The Project Team

I. INTRODUCTION

Based on the partnership between Japan International Cooperation Agency (JICA) technical cooperation project "Smallholder Market oriented Agriculture Project in Rwanda" (hereinafter referred to as "SMAP" or "the Project") and Rwanda Government, the 3rd Technical Committee (hereinafter referred to as "TC") Meeting was held at Rwamagana District, Avega Guest house Conference Hall on 1st September 2015, chaired by the Vice Mayor in charge of Finance and Economic Development, Mr. MUDAHERANWA Regis.

The activities of SMAP 1st year in Rwamagana and Kirehe Districts have been started since November 2014 and will be terminated at the end of September 2015 with aims to increase the agricultural incomes of smallholders of the target cooperatives through a series of FFS, etc. by collaboration with District, RAB, NAEB and SMAP team.

The purposes of the 3rd TC meeting are to evaluate the agricultural profits/ incomes of the target cooperatives for 2015 Season B both horticulture and rice cultivation; to discuss and confirm the implementation schedule of SMAP activities for the 2nd year initiated by Rwamagana District and to discuss and decide the District indicators of the Project purpose in Horticulture cultivation for increasing profits of the target Cooperatives and target Cooperatives members. The list of the participants in the meeting is shown on Appendix.

Through discussions, precious comments and recommendations were given by the participants. Following were discussed and confirmed by the participants.

(1) Evaluation of the profits/incomes of the target cooperatives in horticulture

In his presentation, Co Team Leader explained the progress of project activities by comparing the result of baseline survey (from Jan-Dec2014) and mid-term survey (from Jan-July 2015), with those results most cooperatives supported by SMAP have exceeded their net income even though it is mid-term survey results and some cooperative with minus rate of increase they are increased to 50% from baseline survey. Within visible results net income of individual farmland is increased from 153% and above from the mid-term baseline survey. And this will be visible as the final monitoring survey will also be conducted in December 2015.

He noted that the target production for the 2nd year is set by discussion with District Agronomist taking due considering of the result of baseline survey and crop selected and the target production is realistic because it is taken from the baseline results, so if SMAP techniques are applied the production in cooperatives will be increased to 40.3% and 28.2% of increase ratio of Agricultural profits for cooperative farmland and individual cooperatives members.

(2) Evaluation of the profits/incomes of the target cooperatives in rice cultivation

In Rice Expert's presentation, he outlines briefly the first year training schedule from December 2014 to September 2015. Based on baseline results before starting training, the average of yield in 2015 Season A was only 4.7 t per ha, and after half year of training in 2015 season B the production was increased to 5.3 t per ha for collected paddy by cooperative so far. The growth rate of cooperative agriculture income is

[Handwritten mark]

[Handwritten signature]

shifted from 100% to 119% for long and short grain. For individual farmland the yield increases from 5.5 t/ha at 2015A season to 6.4 t/ha at 2015B season. The growth rate of agricultural income per cooperative members has also increased from 100% to 256.5% comparing 2014 season A, B and 2015 season A, B.

He noted that if SMAP techniques are used properly, each farmer can get the yield similar to that of 2015B-Season in SMAP demonstration training farm as follow.

N ^o	Cultivated variety	Calculated yield (t/ha)
1	Yun Yen (Short Grain)	8.4
2	Yuni Tiam (Short Grain)	6.9
3	Facagro (Long Grain)	6.7
4	Kyccema (Long Grain)	6.5
5	Insindagira – WAT (Long Grain)	6.6
6	Rumbuka (Long Grain)	6.0

(3) Implementation of the 2nd year SMAP activities in District

On behalf of Rwamagana District who is already starting implementing SMAP activities, District Agronomist announced 5 horticulture cooperatives (1 Core and 4 satellites) selected which will be supported by District but in SMAP manner. He outlines the Annual action Plan for 1st year of implementing Horticulture SMAP techniques in their District.

(4) Discussion

a) Confirmation of Target Production set by discussion with District Agronomist

As District and Sector Agronomists have responsibilities for the SMAP project and work well in collaboration with each other; all Sector Agronomists agree and confirm that they have strategies of implementing SMAP activities, they hope that production will increase from the production of baseline survey to the target production of District in a period of 5 years, as they have learnt knowledge from SMAP training. They are convinced that following target production and indicators of Project Purpose of District in five years will be achieved.

Rwamagana District Target Production by using the SMAP techniques

Crop Name	Production of Baseline (ton/ha)	Target Production of District (ton/ha)	Target Rate of Increase
Tomato	9.27	15.3	65%
Cabbage	6.78	10.8	59%
Carrot	7.97	14.0	76%
Onion	5.49	9.5	73%
Eggplant	5.30	11.3	113%
Sweet Pepper	5.24	9.2	75%
Beetroot	6.64	12.6	90%
Water Melon	8.40	16.4	95%

3

Indicators of Project Purpose of Horticulture in Rwamagana District

District	Total Net Income in Target Cooperatives (RWF)*1	Target Net Income Increase in Target Cooperatives (RWF)	Increase ratio of Agricultural profits	
			Cooperatives' Farm	Cooperative farmers' Farm*2
Rwamagana	23,264,340	9,371,208	40.3%	28.2%

*1 Total net income for target Cooperatives was calculated net profits selling by all horticulture production from cooperatives' farm during the baseline period.

*2 Assumption that 70% of cooperative farmers successfully apply SMAP technique into their own farmland

By the District Agronomist declaration, they do not worry about target production of District because in nowadays vegetables have a high market demand so why most farmers are involved in horticulture, they agree that SMAP training has positive impacts for example, now farmers know the good time of applying fertilizers, they get a new Agronomist from SMAP; for these reasons Sector Agronomists believe that as they have set strategies of disseminating SMAP techniques they can go beyond the target production of the District. Thus, the sector agronomists clarified their strategies to achieve the target defined:

- For rice production increase, they will organize FFS at association level where some members will participate and they mobilize the rice cooperative in collaboration with WUO to recruit a permanent employee in charge of water management and establishing water committees at zone level.
- For horticulture cooperatives, they will increase the cultivation land, organize farmers in associations for FFS running, increase the number of seasons cultivated crops, provide necessary materials like water pumps and support horticulture cooperatives to be officially registered and well organized.

(5) CONCLUSION

Closing the meeting, the Vice Mayor in charge of Finance and Economic and Development in Rwamagana District, expressed his gratitude to the SMAP team and JICA Office in Rwanda for having selected their District for Capacity Building in Agriculture Sector. He promised that Government Officers are determined to highlight strategies to implement SMAP learnt techniques as it is in District Performance Contract.

4

Annex VIII Record of the Discussion on the Technical Committee Meeting at Rwamagana and Kirehe Districts

Appendix 1 LIST OF PARTICIPANTS

1. District Officers

- | | |
|------------------------------|--|
| 1) Mr. Regis MUDAHERANWA | Vice Mayor in Charge of Finance and Economic Development |
| 2) Mr. J. de Dieu NIYITANGA | Development Agricultural Officer |
| 3) Mr. Emmanuel RWAKAYIGAMBA | Environmental Officer |
| 4) Mr. Richard NIYOMWUNGERI | Business Promotion Director |
| 5) Mr. Moise R. MUKIZA | District Cooperative Officer |
| 6) Mr. J. Baptiste MUTABAZI | Rubona Sector Ex. Secretary |
| 7) Mr. Innocent UKIZURU | RWAMAGANA District Agronomist |
| 8) Mr. J. Paul NZEYIMANA | Rubona Sector Agronomist |
| 9) Mr. Elie HABIMANA | Gahengeri Sector Agronomist |
| 10) Mr. Charles KARANGWA | Karege Sector Agronomist |
| 11) Mr. Gilbert SIMPUNGA | Nyakariro Sector Agronomist |
| 12) Mr. Theogene NIZEYIMANA | Munyaga Sector Agronomist |

2. JICA Rwanda Office

- | | |
|------------------------|-------------------------------|
| 1) Mr. Atsuki SAKAMOTO | Program Manager |
| 2) Mr. Pascal FURAHA | Program Officer (Agriculture) |

3. Project Team

- | | |
|-------------------------|--|
| 1) Mr. Michio GOTO | Team Leader/Agricultural Extension |
| 2) Mr. Masaya FUKUMOTO | Co-Team Leader, Agriculture/Marketing/SHEP |
| 3) Mr. Zetsugaku KURITA | Rice Cultivation/Training(1), Post Harvesting/ Marketing |
| 4) Mr. Yoshinao ADACHI | Horticulture Expert |
| 5) Ms. Nana NOGUCHI | SMAP Coordinator |

4. Local Project Supporting staff

- | | |
|-----------------------------|---------------------------------------|
| 1) Mr. Valens NTEZIREMBO | Project Operation Coordinator |
| 2) Mr. Didier SEMANYENZI | Project Capacity Building Coordinator |
| 3) Mr. Isate GASHONGORE | Senior Agronomist (Rice) |
| 4) Mr. Benoit GATEBUKA | Senior Agronomist (Horticulture) |
| 5) Mr. Enos Claude BAHUFITE | Agronomist |
| 6) Ms. Gisele UWASE | Secretary |

THE RECORD OF THE DISCUSSIONS

ON

THE 2nd TECHNICAL COMMITTEE MEETING

FOR

THE SMALLHOLDER MARKET-ORIENTED AGRICULTURE PROJECT (SMAP)

IN RWANDA

Kirehe District, Rwanda

23rd July, 2015

Mr. MUZUNGU Gerard
Mayor of Kirehe District

Mr. Michio GOTO

Team Leader of The Project Team

Annex VIII Record of the Discussion on the Technical Committee Meeting at Rwamagana and Kirehe Districts

I. INTRODUCTION

Based on the partnership between Japan International Cooperation Agency (JICA) technical cooperation project "Smallholder Market Oriented Agriculture Project in Rwanda" (hereinafter referred to as "SMAP" or "the Project") and Rwanda Government, the 2nd Technical Committee (hereinafter referred to as "TC") Meeting was held at Kirehe District, Kirehe Guest house Conference Hall on 23rd July 2015, with the purpose of reviewing the progress of SMAP activities, sharing experiences and good improvement of farming techniques.

II. Technical Committee (TC) Meeting at District Level

Venue: KIREHE Guest House Conference Hall

Date: 23rd July 2015

Participant: Refer to Appendix 1

(1) Opening remarks by the JICA Representative, Program Officer, and the Good Governance Officer of Kirehe district.

JICA representative, Program Manager, welcomed all participants and appreciated and strong commitment of local government and he also thanked SMAP team for its contribution in Agriculture Sector. He observed that the two commodities, namely horticulture and rice, promoted by the Project are of paramount importance in the Province. He reminded participants that SMAP started working with Kirehe District last year in November 2014 and would continue to work closely up till September 2015. From the Project second year, November 2015, SMAP activities will be implemented by local government where District Agronomist and Sector agronomist will be charge of implementation with technical support by Rwanda Agriculture Board (hereinafter referred to as "RAB") Zone and National Agriculture Export Development Board (hereinafter referred to as "NAEB") Provincial Export Coordinator in Eastern Province. He explained that TC Meeting is a good opportunity to review SMAP progress and share the experiences so as to focus on how to achieve the Project objectives.

He reminded them that 1st year, RAB zone office and Project Team, NAEB Provincial Export Coordinator, District Agronomist and Sector Agronomist were in cooperation for implementing project activities and from 2nd year, Sector Agronomist in collaboration with directly support by RAB Zone Office and NAEB Provincial Export Coordinator.

He requested local government officer to continue establishing sustainable structure of extending SMAP activities and he wishes that TC would provide all supports to share activities and techniques of SMAP in all areas of Kirehe District.

JICA Program Manager requested TC members, especially local government, to continue to work closely together with SMAP team in order to achieve the project goal. He pledged them

2

8

that SMAP will continuously support local government in extension program but it would be better if the local government is committed.

Good Governance Officer who represented District Officers in the meeting, appreciated SMAP project for technical support provided to target farmers working in Horticulture and Rice Cooperative, and promoting agricultural activities especially horticulture and rice cultivation. He emphasized that the main purpose of TC meeting is to share the progress of SMAP activities. He promised SMAP that TC would continue implementing SMAP techniques as an obligation as it is a great benefit to Kirehe District where 99% of its population is farmers.

(2) Introduction of the Project by the Project Team

SMAP Team Leader presented the brief outline of the Project and reminded the participants that SMAP focuses on capacity building of both smallholder farmers and extension officers. He emphasized that the purpose of the 2nd TC Meeting is to review SMAP activities and to share experiences with the participants so as to discuss what could be done for the future.

He noted that SMAP Team, NAEB, RAB, District and farmers as implementing agencies are very important person in extending SMAP activities.

(3) Presentation of the Progress of Rice Cultivation Training Program

SMAP Rice Expert presented the progress of activities; activity schedule, result of baseline survey, yield analysis of 2015B season, approach taken to disseminate the SMAP techniques within the cooperative and the actual achievement of farmer to farmer extension within the cooperative. The yield analysis of 2015B season in demonstration farm (within the cooperative marshland) showed significant change in yield compared to the baseline survey¹ and a yield potential of the six introduced varieties which showed the direction of yield level in the said marshland.

He mentioned a big issue of lack of yield yard in MRG Cooperative that influenced farmers to get all production at their home place. For that the estimation of real yield production by farmer and collection of yield on some place become complicated and the situation increase level of illegal selling of production and low paddy production collected at cooperative level.

(4) Presentation by Target Rice Cooperative Farmer and Water User Association

Target rice cooperative representative presented what they used to do, what SMAP new techniques are and the difference they found as the result for each steps; from nursery up to harvesting and water management. Now they have enough water flow in some canals during rice cultivation, improvement of yield by decreasing shattering due to late harvest, increase germination rate of seed, decrease the number of dead seedling, all this were quite different before trainings. He highlighted that before being trained by SMAP, the yield was 30 kg per,

¹ Note that it is difficult to compare the result of baseline survey (Season 2013AB, 2014AB, 2015A) as the varieties which farmers choose varies within the farmers.

3

8

Annex VIII Record of the Discussion on the Technical Committee Meeting at Rwamagana and Kirehe Districts

but they harvested 60 kg for 2015B season. The significant increase in the yield presents the visible result how SMAP training has increased farmers' income.

The representative of Water Users Association explained that after being trained by SMAP, they could construct new belt canal and secondary canal to get necessary water in fields. They now understand how to install and to build simple division weirs from eucalyptus. Before SMAP training, the water was shared by using local weir made from soil, sand bag and banana stem which were not appropriate.

(5) Presentation of Progress of Horticulture Training Program

SMAP Horticulture Expert presented progress by emphasizing that the project aims to shift from "grow and sell" to "grow to sell", which is to start with the market and end with the market. The presentation included introducing the outline of each activity conducted and the result of the difference in yield between the techniques which cooperative used to do, and SMAP's techniques. Those techniques are simple, easy with low cost and the result ended up in 1.5 times to 2.5 times difference in yield. Also the qualities of the vegetables were in the photos and the participants could understand the difference as those vegetables with SMAP techniques were larger in size. Horticulture training package has been given to target cooperative and farmers learned many useful techniques, knowledge with results to increase profit.

(6) Presentation by Horticulture Target Cooperative Farmer

The representative of Horticulture Cooperative presented the comparison of how cooperative were doing before and what they learned from SMAP training. He noted that farmers learnt many useful techniques and knowledge and the yield of the demonstration farm using SMAP cultivation techniques was higher than the traditional technical farmland. For example, by using traditional techniques, the cooperative harvested 90 kg per are for tomato, and by using SMAP techniques, the yield was 250 kg per are.

(7) Report of SHEP Training and Action Plan prepared by District Agronomist by SMAP Project Operation Coordinator

SMAP Project Operation Coordinator explained the aim of SHEP is to increase income of smallholder horticulture farmers through improving their capacity in group management and cultivation techniques. SHEP training was organized by JICA for 3 weeks; two weeks in Japan and one week in Kenya. Kirehe District Agronomist with other participants from eight African countries participated in this training. The training was an opportunity to share experiences from different countries on smallholder farmer group promotion in agriculture services, theory and practice to conduct market survey. In the end of the training, the District Agronomist prepared action plan to implement SHEP approach, which SMAP is also based on, and SMAP techniques in Kirehe district for sustaining agriculture activities and disseminate SMAP activities from the second year in Kirehe District. He concluded by inviting all participants

4



2

involved in Agriculture extension to collaborate with District Agronomist for achieving established activities.

(8) Discussions

Kirehe Good Governance Officer and Research Technician from RAB Zone in Eastern Province facilitated the discussion.

a) What is the Reason of Low Yield in Mushikiri Rice Growers Cooperative Compared to the Other Area?

Participants mentioned their worries of baseline Survey's result in Mushikiri Rice Growers Cooperative because the total production per hectare is too low. They noted that the collected paddy must cover the production of paddy sold in illegal system. They suggested SMAP Team to add a remark clarifying that baseline survey was made based on collected paddy at cooperative level.

b) How could we Avoid Illegal Selling by the Farmers?

Local government noted that they could avoid illegal selling by taking farmers as investors and paying them on time. Illegal selling could also be avoided by supporting farmers in getting necessary inputs on time. The participants in TC meeting recommended the cooperative leaders to adjust their activities in order to fight against the illegal selling activities.

c) Why among rice targeted varieties Yun Yen yield is included in as it has low demand on the market and even Rice miller are not interested to buy the yield of Yun Yen Variety.

SMAP Senior Agronomist charged of rice, explained that Yun Yen is not preferred by consumers at market even if the yield in comparison it with other varieties is the highest. For that we recommended farmers to grow Rumbuka and Kycema (long grain) which can compete with other rice from outside the country. He explained again that if Yun Yen is cultivating continuously its yield will be decreased so it better to rotate the rice varieties.

d) Collaboration of District Agronomist and Sector Agronomists

In order to implement the 2nd year's SMAP activities successfully initiated by the Kirehe District, District and Sector agronomist have responsibilities for the project and should work well in collaboration with each other.

e) Implementing SMAP activities from 2015/2016

On behalf of District Authorities, the Good Governance explained that the meeting would be organized as soon as possible to discuss on how to implement SMAP activities for year 2015/2016, which is included in the District Performance Contract.

f) Necessary to rehabilitate the irrigation facilities in Kirehe marshland

SMAP team suggested the rice yields in Kirehe are lower than that of Rwamagana. This is mainly due to insufficient irrigation systems and irrigation water is difficult to use properly. So

5



2

Annex VIII Record of the Discussion on the Technical Committee Meeting at Rwamagana and Kirehe Districts

that the rehabilitation of the irrigation facilities is essential and urgent in collaboration with the KWAMP, etc.

9) CONCLUSION

Good Governance Officer and RAB Research Technical closed the meeting by reminding the participants that the Rwandan government policy on rice is to increase the rice production so that it can compete with the rice from outside the country. They thanked TC Team and JICA Rwanda Office for having selected their District to build capacity in agriculture sector. He promises SMAP Project that Government Officers are determined to implement SMAP activities as it is in District contract performance.

Appendix 1 LIST OF PARTICIPANTS

1. District Officers

- 1) Mr. MUGABO Frank
Act Good governance Officer
- 2) Mr. MUSABYIMANA Alexis
Act District Agronomist
- 3) Mr. BUTITI Fred
JADF
- 4) Mr. MUNYEMANA Sosthene
Agriculture Cooperative representative
- 5) Mr. MUNYANEZA Festus
Planning
- 6) Mr. HAKIZIMANA Daniel
Mushikiri Sector Agronomist
- 7) Mr. MUGANINEZA Jimmy Frank
Act Kigarama Sector Agronomist
- 8) Mr. TUGIRIMANA J. Bosco
Act Musaza Sector Agronomist
- 9) Mr. RIDASINGWA Etief
Nyamugali Sector Agronomist

2. Cooperative farmer's Representative

- 1) Mr. NTEZIYAREMYE Mamasah
KIVEFACO Coop
- 2) Mr. BIZIMANA Anastase
Mushikiri Rice Growers Coop
- 3) Mr. BAZAYISENGA Claude
Water Users Organization

3. RAB REPRESENTATIVE

- 1) RWAMUCYO Louis De Gonzague
RAB Research Technician

4. JICA Rwanda Office

- 1) Mr. SAKAMOTO Atsuki
Program Manager
- 2) FURAHU Pascal
Program Office (Agriculture)

5. Project Team

- 1) Mr. GOTO Michio
Team Leader/Agricultural Extension
- 2) Mr. FUKUMOTO Masaya
Co-Team Leader, Agriculture/Marketing/SHEP
- 3) Mr. KURITA Zeisugaku
Rice Cultivation/Training(1), Post Harvesting/Marketing
- 4) Mr. ADACHI Yoshimao
Horticulture Expert
- 5) Ms. NOGUCHI Nana
SMAP Coordinator
- 6) Ms. TAKENAKA Hiromi
Coop Management/Gender Expert
- 7) Mr. KOURA Takuma
Water Management Expert

6. Local Supporting staff

1. Mr. MUVUNYI Yahaya
Project Operation Coordinator
2. Mr. NTEZIREMBO Valens
Project Operation Coordinator
3. Mr. SEMANYENZI Didier
Project Capacity Building Coordinator
4. Mr. GASHONGORE Isale
Senior Agronomist (Rice)
5. Mr. GATEBUKA Benoit
Senior Agronomist (Horticulture)
6. Mr. MUNEZA Claude
Agronomist
7. Mr. BAHUFITE Enos Claude
Agronomist
8. Mr. MURAGWANKUKU Eric
Agronomist
9. Ms. UWASE Gisele
Interpreter/Secretary

Annex VIII Record of the Discussion on the Technical Committee Meeting at Rwamagana and Kirehe Districts

THERECORD OF THE DISCUSSIONS

ON

THE 3rd TECHNICAL COMMITTEE MEETING

FOR

THE SMALLHOLDER MARKET-ORIENTED AGRICULTURE PROJECT (SMAP)

IN RWANDA

Kirehe District, Rwanda

2nd September, 2015



Mr. ZIKAMA Eric
Kirehe District Executive Secretary

Mr. Michio GOTO
Team Leader of The Project Team

I. INTRODUCTION

Based on the partnership between Japan International Cooperation Agency (JICA) technical cooperation project "Smallholder Market-oriented Agriculture Project in Rwanda" (hereinafter referred to as "SMAP" or "the Project") and Rwanda Government, the 3rd Technical Committee (hereinafter referred to as "TC") Meeting was held at Kirehe District, on 2nd September 2015, chaired by the District Executive Secretary Mr. ZIKAMA Eric.

The activities of SMAP for 1st year in Rwamagana and Kirehe Districts have been started since November 2014 and will be terminated at the end of September 2015 to increase the agricultural incomes of smallholders of the target cooperatives through a series of PFS, etc. by collaboration with District, RAB, NAEB and SMAP team.

The purposes of the 3rd TC Meeting are to evaluate the agricultural profits/ incomes of the target cooperatives for 2015 B season both horticulture and rice cultivation and to discuss and confirm the implementation schedule of SMAP activities for the 2nd year initiated by Kirehe District. The list of the participants in the meeting is shown on Appendix.

Through discussions, precious comments and recommendations were given by the participants. Following were discussed and confirmed by the participants.

(1) Evaluation of the profits/incomes of the target cooperatives in horticulture

In his presentation, Co-Team Leader explained the progress of project activities by comparing the result of Baseline Survey (from Jan-Dec2014) and Mid-term Survey (from Jan-July 2015). As a result of Mid-term survey, four (4) cooperatives supported by SMAP have exceeded their net income and the remaining one is still harvesting. The income of cooperative members was also increased. He reminded them that SMAP project do not only provide technical support but also marketing, gender mainstreaming and cooperative management training.

Indicators of proposed purpose were also showed in his presentation.

He noted that District must propose some indicators to be achieved when SMAP techniques are implemented, and to make agreement and to brainstorm what should be targeted.

(2) Evaluation of the profits/incomes of the target cooperatives in rice cultivation

SMAP Rice Expert presented the progress of activities; the progress of rice training, result of baseline survey, yield analysis from 2013A to 2015 A seasons; and the actual achievement of farmer to farmer extension within the cooperative. He analyses that 2013A season cooperative had abnormal low yield due to the low collection of paddy and in 2015 A there were low production due to the illegal selling system. 2015B season where cooperatives start to apply SMAP techniques paddy is still under shipping stage to collection point and not completed sale business.

G *M.P.*

By observing the result of quadrat sampling in Mushikiri Rice Growers Cooperative for 2015B season the production of paddy is increased due to the strategies set of avoiding illegal sales and using SMAP techniques, results are visible in yield analysis of the 2015B season in SMAP demonstration farm.

No	Variety	Yield t/ha
1	Yun Yen (SG)	10.5
2	Yun Tiam (SG)	10.2
3	Facagro (LG)	8.5
4	Kyccma (LG)	5.8
5	Insindagira (LG)	8.8
6	Rumboka (LG)	5.7

(3) Implementation of the 2nd year SMAP activities in District

Kirehe District Agronomist presented the progress of implementing SMAP activities; the technical committee of District with the help of SMAP Project has already select 5 cooperatives to be trained by District with the help of 2 SMAP Agronomists (1 rice and 1 horticulture agronomist) who are dispatched in Kirehe District during one year.

(4) Discussion

Confirmation of Target Production set by discussion with District agronomist

During discussion, Sector Agronomists showed some challenges by saying that farmers are motivated but the problem is transport from their homes to the demonstration farm. On the side of District, District agronomist informed them that there is a budget provided to implement SMAP activities. And also they worried that the target set is too high, here The District Agronomist reminds participants that the target set is for whole District not for Sectors and most of Kirehe District sectors are highly productive. At the end of discussion all participants agreed that proposed indicators are realistic and can be achieved and go beyond in a period of 5 years.

Kirehe District Target Production by using the SMAP techniques

Crop Name	Production of Baseline (ton/ha)	Target Production of District (ton/ha)	Target Rate of Increase
Tomato	5.28	15	184%
Cabbage	10.36	15	45%
Carrot	2.73	5	83%
Onion	2.82	6	113%
Eggplant	4.73	9	90%
Chili Pepper	2.71	5	84%
Watermelon	8.40	20	138%

Ge M.R.

Indicators of Project Purpose of Horticulture in Kirehe District

District	Total Net Income in Target Cooperatives (RWF)*1	Target Net Income Increase in Target Cooperatives (RWF)	Increase ratio of Agricultural profits	
			Cooperatives' Farm	Cooperative farmers' Farm*2
Kirehe	11,845,217	5,199,710	43.9%	30.7%

*1 Total net income for target Cooperatives was calculated net profits selling by all horticulture production from cooperatives' farm during the baseline period.

*2 Assumption that 70% of cooperative farmers successfully apply SMAP technique into their own farmland

(5) CONCLUSION

Closing the meeting, the Director of Planning in Kirehe District, expressed his gratefulness to the SMAP team and JICA Office in Rwanda for having selected their District for Capacity Building in Agriculture Sector. He remind participants that contract performance of productivity is set at the national level, so why he promised SMAP that District Government Officers are determined to implement SMAP activities as it is in District Performance Contract. He welcomed the agronomists dispatched by SMAP during the coming year and concluded by thanking SMAP because these agronomists will support in the sustainability of SMAP activities in Kirehe district.

Ge M.R.

Appendix 1 LIST OF PARTICIPANTS

1. District Officers

- | | |
|----------------------------------|--|
| 1) Mr. Eric ZIKAMA | District Ex. Secretary |
| 2) Mr. Claude BYUKUSENGE | Planning Director |
| 3) Mr. Desire NSABIMANA | District Cooperative Officer |
| 4) Mr. J. Claude KABALISA | District Agronomist |
| 5) Mr. Alexis MUSABYIMANA | Agriculture Technician Assistant |
| 6) Ms. Tharcille KAYITESI | Kigarama Sector Coop Officer |
| 7) Ms. Adeline UWERA | Kigarama Sector Coop Officer |
| 8) Mr. Gerard RUSEMBO | Musaza Sector Coop Officer |
| 9) Ms. M. Claire UMUBYEYI | Mushikiri Sector Coop Officer |
| 10) Mr. Faustin NKAZAMUREGO | Nyamugali Sector Coop Officer |
| 11) Mr. Denis NKUNDINEZA KANDOTA | Gahana Sector Coop Officer |
| 12) Mr. Eliel RUDASINGWA | Nyamugali Sector Agronomist |
| 13) Mr. Bonaventure MBARUSHIMANA | Musaza Sector Agronomist |
| 14) Mr. Daniel CYUBAHIRO | Act Kigarama Sector Agronomist |
| 15) Mr. Daniel HAKIZIMANA | Mushikiri Sector Agronomist |
| 16) Mr. Olivier KAMUZINZI | Kirehe Sector agronomist or coop. officer ???? |

2. Project Team

- | | |
|-------------------------|---|
| 1) Mr. GOTO Michio | Team Leader/Agricultural Extension |
| 2) Mr. FUKUMOTO Masaya | Co-Team Leader, Agriculture/Marketing/SHEP |
| 3) Mr. KURITA Zeisugaku | Rice Cultivation/Training(1), Post Harvesting/Marketing |
| 4) Mr. ADACHI Yoshinao | Horticulture Expert |
| 5) Ms. NOGUCHI Nana | SMAP Coordinator |

3. Local Supporting staff

- | | |
|--------------------------|---------------------------------------|
| 1) Mr. NTEZIREMBO Valens | Project Operation Coordinator |
| 2) Mr. SEMANYENZI Didier | Project Capacity Building Coordinator |
| 3) Mr. GASHONGORE Isate | Senior Agronomist (Rice) |
| 4) Mr. GATEBUKA Benoit | Senior Agronomist (Horticulture) |
| 5) Mr. MURAGWANKUKU Eric | Agronomist |
| 6) Ms. UWASE Gisele | Secretary |

Annex IX The Project Activities

Annex IX.I Horticulture

Annex IX.I.I Target Cooperative List for Horticulture

1. Rwamagana District

1) Direct support: 1st Project year (FY2014/15)

Type	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
Core	Coopagrika	Karambi	Rubona	29	38	67
Satellite 1	Twisungane Twiteza Imbere	Kabare	Gahengeri	16	14	30
Satellite 2	Terimbere Muhinzi	Kangamba	Karenge	125	85	210
Satellite 3	Kopabinya	Munini	Nyakariro	51	16	67
Satellite 4	Ubumwe	Byimana	Karenge	9	6	15
			Sub-total	230	159	389

2) 1st Indirect: 2nd Project year (FY2015/16)

Type	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
Core	Kotuabiki	Kigarama	Nzige	169	135	304
Satellite 1	Kotuiru	Kigarama	Nzige	56	54	110
Satellite 2	Tuzamurane	Bicumbi	Mwulire	20	62	82
Satellite 3	Twitezimbere	Bicumbi	Mwulire	51	59	110
Satellite 4	Urumuri Rwa Musha	Nyabisindu	Musha	70	32	102
			Sub-total	366	342	708

3) 2nd Indirect: 3rd Project year (FY 2016/17)

Type	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
Core	Duhuze Imbaraga	Ntebe	Muhazi	10	6	16
Satellite 1	Imboganziza Muyumbu	Bujyujub	Muyumbum	17	29	46
Satellite 2	Kopavabu	Kigarama	Nzige	67	43	110
Satellite 3	Kotuiumu	Murama	Nzige	71	49	120
Satellite 4	Abanyamurava Rususa	Gishore	Nyakariro	10	11	21
			Sub-total	175	138	313

4) 3rd Indirect: 4th Project year (FY 2017/18)

Type	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
Core	Isuka Irakiza	Karitututu	Muhazi	50	70	120
Satellite 1	Twubakane Kiryango	Nkungu	Munyaga	24	7	31
Satellite 2	Twisungane Gishari	Ruhunda	Gishari	8	12	20
Satellite 3	Terimbere muhinzi mworozzi Nyakariro	Gatare	Nyakariro	11	13	24
Satellite 4	Abadahigwa ba Kabare	Akabare	Musha	34	19	53
			Sub-total	127	121	248

5) 4th Indirect: 5th Project year (FY 2018/19)

Type	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
Core	Twitezimbere Mwurire	Bicumbi	Mwurire	50	56	106
Satellite 1	Tuzamurane Mwurire	Bicumbi	Mwurire	35	40	75
Satellite 2	Zone Karambi	Karambi	Rubona	92	135	227
Satellite 3	Kopavabu	Kigarama	Nzige	32	66	98

Type	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
Satellite 4	Copaleg	Rweri	Gahengeri	24	16	40
Satellite 5	Twubakane Kiryango	Nkungu	Munyaga	24	7	31
Satellite 6	Terimbere muhinzi mworozzi Nyakariro	Gatare	Nyakariro	11	13	24
			Sub-total	268	333	601

2. Kirehe District

1) Direct support: 1st Project year (FY2014/15)

Type	Cooperative Name	Location		No. of Members		
		Cell	Sector	Male	Female	Total
Core	Kivefaco	Cyanya	Kigarama	21	11	32
Satellite 1	Twisungane	Butezi	Gahara	6	9	15
Satellite 2	Duhinge Imboga	Mubuga	Musaza	8	4	12
Satellite 3	Hodeko-Uruzabibu	Musaza	Musaza	11	6	17
Satellite 4	Kubinya	Nyamugari	Nyamugari	28	29	57
				74	59	133

2) 1st Indirect support: 2nd Project year (FY2015/16)

Type	Cooperative Name	Location		No of Members		
		Cell	Sector	Male	Female	Total
Core	Hoproconya	Kazizi	Nyamugari	25	15	40
Satellite 1	Twitezimbere	Bisagara	Mushikiri	7	12	19
Satellite 2	Association Abishyizehamwe	Kamasaro	Kirehe	5	15	20
Satellite 3	Coepomu	Rwanyamuhanga	Mushikiri	40	20	60
Satellite 4	Abishyizehamwe	Rwanyamuhanga	Mushikiri	4	3	7
Satellite 5	Imbaraga	Kiremera	Kigarama	160	90	250
			Sub-total	241	155	396

3) 2nd Indirect support: 3rd Project year (FY 2016/17)

Type	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
Core	Coyaiga Tuganeheza	Gatarama	Kigina	5	9	14
Satellite 1	Ubuzima Family	Muganza	Gatore	2	8	10
Satellite 2	Abihuje Association	Kigina	Kigina	4	12	16
Satellite 3	Koiambama	Munini	Mahama	60	30	90
Satellite 4	Copaflem	Mwoga	Mahama	26	40	66
			Sub-total	97	99	196

4) 3rd Indirect support: 4th Project year (FY 2017/18)

Type	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
Core	Twiteze Imbere	Mushongi	Mpanga	3	4	7
Satellite 1	Duhinge Imboga	Rubaya	Mpanga	10	12	22
Satellite 2	Abunzubumwe	Mushongi	Mpanga	8	10	18
Satellite 3	Twisungane	Nasho	Mpanga	8	7	15
Satellite 4	Twiteze Imbere	Mushongi	Mpanga	8	9	17
			Sub-total	37	42	79

5) 4th Indirect support: 5th Project year (FY 2018/19)

Type	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
Core	Abakoranabushake	Kamombo	Mahama	15	10	25
Satellite 1	Duterimbere	Saruhembe	Mahama	20	15	35
Satellite 2	Kora Ubehoneza	Mwoga	Mahama	7	4	11
Satellite 3	Twisungane	Nasho	Mpanga	8	7	15
Satellite 4	Duhinge Imboga	Rubaya	Mpanga	10	12	22
			Sub-total	60	48	108

3. Rulindo District

1) Direct support: 2nd Project year (FY2015/16)

Type	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
Core	Terimbere Mukoto	Mukoto	Bushoki	2	18	20
Satellite 1	Twizerane Base	Rwamahwa	Base	9	12	21
Satellite 2	Twigire Babyeyi	Gasiza	Bushoki	3	20	23
Satellite 3	Covamaba	Bukoro	Mbogo	56	37	93
Satellite 4	Imbaturabukungu	Bugaragara	Shyorongi	23	28	51
			Sub-Total	93	115	208

2) 1st Indirect support: 3rd Project year (FY 2016/17)

Type	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
Core	Urukundo	Nyirangarama	Bushoki	1	19	20
Satellite 1	Terimbere Muhinzi	Mushari	Mbogo	103	181	284
Satellite 2	Twirindindwara	Rwili	Cyungo	6	10	16
Satellite 3	Iamu Hhuguka	Burehe	Cyungo	9	5	14
Satellite 4	Abishyizehamwe	Taba	Tumba	11	13	24
			Sub-Total	130	228	358

3) 2nd Indirect support: 4th Project year (FY 2017/18)

Type	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
Core	Abadatezuka	Kianza	Ntarabana	8	17	25
Satellite 1	Abahuzumugambi	Ndarage	Buyoga	9	11	20
Satellite 2	Twubake urwanda	Kamusenyi	Kisaro	3	9	12
Satellite 3	Twitezimbere	Nyirabirori	Tumba	12	9	21
Satellite 4	Twitezimbere	Butare	Buyoga	12	8	20
			Sub-Total	44	54	98

4) 3rd Indirect support: 5th Project year (FY 2018/19)

Type	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
Core	Twikuremubukene	Butare	Buyoga	16	4	20
Satellite 1	Abahujumugambi	Gahabwa	Tumba	10	15	25
Satellite 2	Abalikumwe	Kalengeri	Burega	21	43	64
Satellite 3	Abazicyogukora	Busoro	Buyoga	8	22	30
Satellite 4	Abakundisuka	Ngiramazi	Mbogo	11	5	16
			Sub-Total	66	89	155

4. Musanze District

1) Direct support: 2nd Project year (FY2015/16)

Type	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
Core	Twikenure Musenyi	Iburabuturo	Muko	2	28	30
Satellite 1	Kopabu Kimonyi	Buramira	Kimonyi	23	27	50
Satellite 2	Indangamirwa	Buramira	Kimonyi	10	14	24
Satellite 3	Twitezimbere Sangano	Cyivugiza	Muko	0	30	30
Satellite 4	Twongerumusaruro Mukinga	Kabushinge	Rwaza	44	79	123
			Sub-Total	79	178	257

2) 1st Indirect support: 3rd Project year (FY 2016/17)

Type	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
Core	Abakorerabushake Croix Rouge Gashaki	Mbwe	Gashaki	14	12	26
Satellite 1	Coctmu	Mbwe	Gashaki	15	5	20
Satellite 2	Abimbuzi	Murambi	Remera	19	11	30
Satellite 3	Dukoretwigira	Rurambi	Remera	14	6	20
Satellite 4	Shyigikirisuka	Nturo	Rwaza	0	30	30
			Sub-Total	62	64	126

3) 2nd Indirect support: 4th Project year (FY 2017/18)

Type	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
Core	Duharanirubuzima	Sahara	Busogo	25	50	75
Satellite 1	Gaveco	Rubindi	Gataraga	6	6	12
Satellite 2	Dushyigikirane Busogo	Gisesero	Busogo	11	3	14
Satellite 3	Dutezanyimbere	Nyagisozi	Busogo	8	7	15
Satellite 4	Abahujumugambi	Buramira	Kimonyi	3	7	10
			Sub-Total	53	73	126

4) 3rd Indirect support: 5th Project year (FY 2018/19)

Type	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
Core	Tuzamurane Nkotsi	Bikara	Nkotsi	3	12	15
Satellite 1	Icyizere Musenyi	Mburabuturo	Muko	0	30	30
Satellite 2	Shishikara Muhinzi	Gasongerero	Remera	10	5	15
Satellite 3	Dukundumurimo Ntundo	Mburabuturo	Muko	10	20	30
Satellite 4	Abizerwa	Kabusinge	Rwaza	1	6	7
			Sub-Total	24	73	97

5. Nyamasheke District

1) Direct support: 3rd Project year (FY 2016/17)

Type	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
Core	KAAB	Nyarusange	Bushekeri	7	7	14
Satellite 1	Twitezimbere Mubihingwa Ngandurarugo	Shara	Kagano	10	5	15
Satellite 2	Abajyamugambi	Kigoya	Kanjongo	4	11	15
Satellite 3	Duهارانirubuzima	Kibogora	Kanjongo	5	25	30
Satellite 4	Turwanye Imirire Mibi	Mutongo	Macuba	12	8	20
			Sub-total	38	56	94

2) 1st Indirect support: 4th Project year (FY 2017/18)

Type	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
Core	Jyambere Muhinzi Wimboga	Kibogora	Kanjongo	17	9	26
Satellite 1	Kobufi	Mpumbu	Bushekeri	7	14	21
Satellite 2	Tubibiungabunge	Karengera	Kirimbi	10	50	60
Satellite 3	Tubehoneza	Kibogora	Kanjongo	4	6	10
Satellite 4	Abisunganye	Kibogora	Kanjongo	5	5	10
			Sub-total	43	84	127

3) 2nd Indirect support: 5th Project year (FY 2018/19)

Type	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
Core	Tuzamurane	Gashashi	Karengera	21	45	66
Satellite 1	Abunzunumwe	Mugera	Shangi	9	9	18
Satellite 2	Akabando Kubuzima	Miko	Karengera	10	5	15
Satellite 3	Turwanye Imirire Mibi	Mwezi	Karengera	5	25	30
Satellite 4	Dushyirehamwe Muhinzi	Kagatamu	Bushenge	5	5	10
			Sub-total	50	89	139

6. Rubavu District

1) Direct support: 3rd Project year (FY 2016/17)

Type	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
Core	Kotibanya	Kiberema	Kanzenze	17	103	120
Satellite 1	Abanyamurava	Nyarushyamba	Nyakiriba	21	9	30
Satellite 2	Kodutu	Gora	Cyanzarwe	0	32	32
Satellite 3	Koauru	Gisa	Rugerero	35	12	47
Satellite 4	Tubarereneza	Nengo	Gisenyi	4	32	36
			Sub-total	77	188	265

2) 1st Indirect support: 4th Project year (FY 2017/18)

Type	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
Core	Garukurebe Association	Nengo	Gisenyi	12	4	16
Satellite 1	Coope	Bahimba	Nyundo	14	11	25
Satellite 2	Codecan	Kavomo	Nyundo	12	23	35
Satellite 3	Kobatu	Kirempera	Kanzenze	14	16	30
Satellite 4	Koturu	Kirempera	Kanzenze	15	25	40
			Sub-total	67	79	146

3) 2nd Indirect support: 5th Project year (FY 2018/19)

Type	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
Core	Kaidu (Koperative y'Abahinzi b'Imboga n'Imbutu Duhinge neza)	Makoro	Busasamana	72	95	167
Satellite 1	Kopindabu (Koperative Indashyikirwa Busasamana)	Makoro	Busasamana	17	13	30
Satellite 2	Korebusa (Koperative Rebakure Busasamana)	Makoro	Busasamana	17	7	24
Satellite 3	Jijuka Uterimbere	Rwanzekuma	Cyanzarwe	6	14	20
Satellite 4	Amugi (Abunze Ubumwe mu guhinga no Guteza imbere Ubuhinzi bw'Imboga Imbutu)	Kabumba	Bugeshi	11	1	12
			Sub-total	123	130	253

Appendix IX.I.II Participants List

(1) Overall Activities

(i) JCC Meeting

Area of office / Place of Workshop		1st JCC			2nd JCC			3rd Jcc			4th JCC			5th JCC			6th JCC		
		18-Nov-14			16-Dec-15			23-Dec-16			21-Dec-17			29-Nov-18			4-Oct-19		
		M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total
MINAGRI RAB/ NAEB	MINAGRI	2	0	2	2	0	2	2	0	2	1	0	1	2	0	2	1	0	1
	RAB	2	0	2	2	0	2	5	0	5	4	0	4	3	0	3	3	0	3
	NAEB	1	0	1	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0
District	D. Director of A.N.R	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1
	District Agr. Officer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3
	District Cash Crop Of.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	RCA	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
	Japan Embassy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	JICA	3	0	3	3	0	3	4	0	4	2	1	3	2	1	3	3	2	5
SMAP		4	0	4	8	2	10	5	2	7	8	1	9	8	1	9	6	2	8
Total		12	0	12	16	2	18	17	2	19	18	2	20	15	2	17	17	5	22

(ii) MAEP Validation Workshop

Area of office / Place of Workshop		MAEP Validation WS			MAEP Validation WS for Horticulture			MAEP Validation WS for Rice cultivation		
		26th - 28th July 2017			7th August 2017			23rd - 24th August 2018		
		M	F	Total	M	F	Total	M	F	Total
MINAGRI/ RAB	MINAGRI	1	0	1	0	0	0	0	0	0
	RAB Hort. Officers	8	3	11	18	13	31	0	0	0
	RAB Rice Officers	1	0	1	0	0	0	5	1	6
	RAB Post Harvest Officers	3	0	3	0	0	0	0	0	0
	Others	0	2	2	0	0	0	0	0	0
Others (ex. HoReCo)		3	0	3	0	0	0	0	0	0
JICA		2	0	2	0	0	0	0	0	0
SMAP		10	3	13	7	1	8	4	1	5
Total		28	8	36	25	14	39	9	2	11

(iii) MAEP Introduction Workshop

Area of office / Place of Workshop		Western Province			Northern Province			Southern Province			Eastern Province		
		28th May 2019			29th May 2019			5th June 2019			6th June 2019		
		M	F	Total	M	F	Total	M	F	Total	M	F	Total
District Officers	Vice M.E.D	0	1	1	3	0	3	7	0	7	2	0	2
	D. Director of A.N.R	6	0	6	4	0	4	3	1	4	3	0	3
	D. Cash Crop	1	1	2	1	0	1	1	1	2	0	0	0
RAB	Head of RAB Station	4	0	4	1	0	1	1	0	1	1	0	1
	RAB Hort. Officers	3	0	3	0	1	1	1	0	1	0	0	0
	RAB Rice Officers	1	0	1	0	0	0	2	0	2	0	0	0
Cooperative Representative		1	0	1	0	1	1	2	0	2	2	0	2
Others		2	0	2	0	0	0	0	0	0	0	0	0
SMAP		6	1	7	6	1	7	5	1	6	5	1	6
Total		24	3	27	15	3	18	22	3	25	13	1	14

(iv) Completion Seminar

Area of office / Place of Workshop		Completion Seminar		
		19th September 2019		
		M	F	Total
MINAGRI RAB	MINAGRI	2	0	2
	DDG	1	0	1
	Head of RAB Station	8	0	8
	RAB Horticulture Officers	6	4	10
	RAB Rice Officers	6	1	7
District	D. Director of Agriculture Natural Resources	10	0	10
	D. Cash Crop	0	1	1
Farmers	Cooperative Representative	7	9	16
Other officers	Other Sector Agri. working grp with Minagri	6	3	9
	Japanese Embassy	1	1	2
	JICA	4	0	4
	Others	8	0	8
SMAP		10	2	12
Total		69	21	90

(2) SMAP Horticulture Activities

(i) Participants List in Rwamagana District

1st Cycle		Training/ Workshop		Kick-off/WS		Marketing		Gender TOT		FFS-1		FFS-2		FFS-3		STUDYTOUR		FFS-4		FFS-5		Matching Mtg.				
Category	Cooperative Name	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	
Farmers	COOPAGRIKA	6	6	12	6	6	12	6	6	12	4	4	8	4	4	8	2	2	4	4	4	4	8	1	1	2
	TWISUNGANE TWITEZA IMBERE	3	7	10	6	6	12	4	3	7	3	4	7	4	4	8	2	2	4	4	4	4	8	1	1	2
	TERIMBERE MUJINZI	19	6	25	6	6	12	5	3	8	5	3	8	4	4	8	2	2	4	4	4	4	8	1	1	2
	KOPABINYA	9	0	9	6	6	12	5	6	11	4	4	8	4	4	8	2	2	4	5	3	8	4	4	8	
	UBUMWE	5	7	12	7	2	9	0	9	2	2	4	6	1	7	4	4	8	2	2	4	4	8	4	4	8
	Farmer Promoter (FP)	0	0	0	7	0	7	11	10	21	2	0	2	0	1	1	0	0	0	5	3	0	3	0	3	0
	Sector Agro.	1	1	2	6	2	8	9	2	11	2	1	3	1	1	2	1	0	1	3	1	0	1	1	3	1
	District	0	0	0	0	0	0	1	1	0	1	1	1	0	1	0	0	0	0	1	0	0	1	0	0	0
Officers	NAEB	0	0	0	0	0	3	3	0	4	0	1	1	0	2	0	1	1	0	0	0	2	0	1	1	0
	RAB	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Others	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	23
	Total			70			75			94			42			44			29			49			45	42

2nd Cycle		Training/ Workshop		FFS-1		2nd TC Meeting		Profit Analysis		FFS-2		FFS-3		3rd TCM		FFS-4		Evaluation WS		3rd TC Meeting					
Category	Cooperative Name	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total			
Farmers	COOPAGRIKA	4	4	8	0	1	1	0	0	0	4	5	9	3	5	8	0	0	0	5	10	3	1	4	
	TWISUNGANE TWITEZA IMBERE	3	3	6	1	0	1	2	2	4	4	4	8	4	4	8	0	0	0	4	8	3	3	6	
	TERIMBERE MUJINZI	4	4	8	1	0	1	1	2	3	4	5	9	4	9	0	0	0	5	3	8	3	3	6	
	KOPABINYA	4	4	8	0	0	0	2	1	3	5	3	8	5	3	8	0	0	0	4	8	3	3	6	
	UBUMWE	5	4	9	1	0	1	2	2	4	4	5	9	4	4	8	0	0	0	4	5	9	3	2	
	COCURICYI (Rice)	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Farmer Promoter (FP)	1	0	1	0	0	0	0	0	0	2	1	3	0	0	0	0	0	0	5	2	7	0	0	
	Farmer Facilitator (FF)	0	0	0	0	0	0	0	0	0	2	1	3	4	1	5	0	0	0	0	0	0	0	0	
	Sector Agro.	2	0	2	12	1	13	0	2	2	1	0	1	3	0	3	5	0	0	5	0	0	4	10	
	District Officers	0	0	0	1	2	3	0	0	0	0	0	0	0	0	0	3	0	0	0	0	1	1	2	
	Executive Secretary	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	
Officers	Copp Officers	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
	Agriculture Officer	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	District Agro.	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
	NAEB	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	
	RAB	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	
	Total			45			31			17			52			50			12			53			34

(ii) Participants List in Kirehe District

1st Cycle		Training/Workshop		Kick-off WS		Marketing		Gender TOT		FFS-1		FFS-2		FFS-3		STUDY TOUR		FFS-4		FFS-5		Matching Mtg.												
Cooperative Name	Category	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total									
		KIVEFACO	Farmer	7	3	10	6	6	12	4	4	8	4	4	8	4	4	8	3	1	4	6	2	8	4	4	8	1	1	2				
TWISUNGANE	Farmer	11	6	17	6	6	12	4	4	8	4	4	8	4	4	8	2	2	4	4	4	8	4	4	8	4	4	8	1	1	2			
DUHINGE IMBOGA RUNYINYA	Farmer	9	5	14	6	6	12	4	4	8	4	4	8	4	4	8	2	2	4	4	4	8	4	4	8	4	4	8	1	1	2			
HODEKO-URUZABIBU	Farmer	7	6	13	6	6	12	4	4	8	4	4	8	4	4	8	2	2	4	4	4	8	4	4	8	4	4	8	1	1	2			
KUBINYA	Farmer	4	4	8	6	6	12	4	4	8	4	4	8	4	4	8	2	2	4	4	4	8	4	4	8	4	4	8	1	1	2			
Farmer Promoter (FP)	Farmer	0	0	0	0	0	0	0	0	0	3	1	4	3	1	4	4	4	8	2	1	3	3	2	5	3	2	5	0	0	0			
Sector Agro.	Sector	1	0	1	8	2	10	12	1	13	1	2	3	0	3	3	0	3	3	0	3	3	0	3	3	0	3	3	0	3	3	0	0	0
Sector Coop.	Sector	0	0	0	9	2	11	11	3	14	2	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
District Coop.	District	0	0	0	2	1	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
District Agro.	District	0	0	0	1	0	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1
Cash Crop.	District	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NAEB	District	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RAB	Other	0	0	0	0	0	0	0	2	2	0	2	2	0	2	2	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1
Gender District	RAB	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	1	1	2	0	0	0	1	1	2	0	0	0	1	1	2	0	0	0
Sector Executif Secretary	District	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cell Executif Secretary	Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	Other	2	0	2	0	0	0	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1
				65			85			105			55			51			30			49			49			10						

2nd Cycle		Training/Workshop		FFS-1		2nd TC Meeting		Profit Analysis		FFS-2		FFS-3		3rd TCM		FFS-4		Evaluation WS		3rd TC Meeting								
Cooperative Name	Category	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total			
		KIVEFACO	Farmer	4	4	8	1	0	1	2	2	4	4	4	8	4	4	8	0	0	0	4	4	8	3	3	6	1
TWISUNGANE	Farmer	4	4	8	0	0	0	2	2	4	4	4	8	4	4	8	0	0	0	4	4	8	3	3	6	0	0	0
DUHINGE IMBOGA RUNYINYA	Farmer	4	4	8	1	1	2	2	2	4	4	4	8	5	4	9	0	0	0	4	5	9	3	3	6	0	0	0
HODEKO-URUZABIBU	Farmer	4	4	8	0	0	0	2	2	4	4	4	8	4	4	8	0	0	0	4	4	8	3	3	6	0	0	0
KUBINYA	Farmer	4	4	8	0	0	0	2	2	4	4	4	8	4	4	8	0	0	0	4	4	8	3	3	6	0	0	0
W.U.O	Farmer	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MUSHIKIRI R. G (Rice)	Farmer	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
Farmer Promoter (FP)	Farmer	4	1	5	0	0	0	0	0	0	4	1	5	2	1	3	0	0	0	4	1	5	0	0	0	0	0	0
Farmer Facilitator (FF)	Farmer	0	0	0	0	0	0	0	0	0	5	0	5	7	0	7	0	0	0	5	1	6	0	0	0	0	0	0
Sector Agro.	Sector	3	1	4	5	0	5	1	0	1	2	0	2	2	0	2	5	0	5	3	0	3	3	1	4	11	0	11
Sector Coop.	Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	6	0	0	0	0	0	0	6	0	6
District Officers	District	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	1	0	1	7	2	9
District Coop.	District	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0
District Agro.	District	1	0	1	0	0	0	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1
Cash Crop.	District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
NAEB	Other	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	2	2	4	0	0	0	0	0	0
RAB	RAB	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0
Gender District	District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Sector Executif Secretary	Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cell Executif Secretary	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total				51			15			22			53			16			59			40			32			

(iii) Participants List in Rulindo District

1st Cycle		1st TC Meeting 13Dec/2015		Kick Off Workshop 20-22/Jan/2016		Gender TOT 20-22/Jan/2016		Marketing 2-5/Feb/2016		FFS-1 23/Feb/2014		FFS-2 22/Mar/2016		Matching Meeting 28/Apr/2016		FFS-3 19/Apr/2016		FFS-4 12-May-16		FFS-5 21/Jun/2016		STUDY TOUR 7-8/July/2016									
Cooperative Name	Category	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total						
		TERIMBERE MUKOTO	Farmer	0	0	0	2	4	6	2	4	6	2	6	8	2	6	8	2	6	8	3	5	8	3	5	8	3	3	6	
TWIZERANE	Farmer	0	0	0	4	2	6	4	2	6	3	3	6	5	3	8	5	3	8	4	4	8	5	3	8	5	3	8	3	3	6
TWIGIRE BABYEYI	Farmer	0	0	0	2	4	6	2	4	6	2	4	6	3	5	8	2	6	8	2	6	8	2	6	8	2	6	8	2	4	6
COVAMABA	Farmer	0	0	0	4	4	8	4	4	8	4	4	8	4	4	8	4	4	8	4	4	8	4	4	8	4	4	8	4	4	8
IMBATURABUKUNGU	Farmer	0	0	0	3	3	6	3	3	6	3	3	6	4	4	8	4	4	8	4	4	8	4	4	8	4	4	8	4	4	8
Farmer Promoter (FP)	Farmer	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
District Agro.	District	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1			
Cash Crop. Officer	District	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1			
Distr. Coop Officer	District	0	0	0	1	1	2	1	1	2	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Gender Officer	District	0	0	0	1	1	2	1	1	2	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Sector Agro.	Sector	9	4	13	3	1	4	3	1	4	2	2	4	3	2	5	2	2	4	2	2	4	2	2	4	2	2	4			
Sect Coop Officer	Sector	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
RAB	RAB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
NAEB	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Others	Other	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Total		18		40	40		41		46	45		64		47	49		52		51		51		34								

2nd Cycle		Profit Analysis WS 8/Sep/2016		FFS-1 21/Jul/2016		FFS-2 23/Aug/2016		2nd TC Meeting 13/Sep/2016		FFS-3 28/Sep/2016		FFS-4 20/Oct/2016		Final Eval/Wo 23-Feb-17		3rd TC Meeting 12th May 2017						
Cooperative Name	Category	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total			
		TERIMBERE MUKOTO	Farmer	3	3	6	3	5	8	3	5	8	1	2	3	5	8	13	3	5	8	3
TWIZERANE	Farmer	3	3	6	3	5	8	3	5	8	1	2	3	5	8	13	4	8	12	3	6	9
TWIGIRE BABYEYI	Farmer	2	4	6	1	7	8	1	7	8	1	2	3	7	1	8	1	7	8	2	4	6
COVAMABA	Farmer	3	3	6	5	3	8	4	4	8	1	2	3	6	8	14	2	8	10	3	6	9
IMBATURABUKUNGU	Farmer	3	3	6	5	3	8	5	3	8	1	2	3	4	8	12	5	3	8	3	6	9
Farmer Promoter (FP)	Farmer	0	0	0	2	3	5	2	3	5	0	0	0	2	3	5	3	2	5	0	0	0
Vice Mayor	District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
District Agro.	District	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cash Crop. Officer	District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distr Coop Officer	District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender Officer	District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sector Executive Secretary	Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sector Agro.	Sector	2	1	3	2	1	3	2	2	4	2	2	4	2	2	4	2	2	4	2	2	4
Sect Coop Officer	Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RAB	RAB	0	1	1	0	1	1	0	3	3	0	0	0	0	0	0	1	1	2	1	0	1
NAEB	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	Other	0	1	1	1	1	2	1	1	2	0	4	4	0	0	0	0	0	0	0	0	0
Total		36		50	53		24		50	51		51		51		51		38				

(iv) Participants List in Musanze District

1st Cycle		1st TC Meeting 9/Dec/2015		Kick Off Workshop 19-21/Jan/2016		Gender TOT 19-21/Jan/2016		Marketing 3-6/Feb/2016		FFS-1 24/Feb/2016		FFS-2 23/Mar/2016		Matching Meeting 28/Apr/2016		FFS-3 20/Apr/2016		FFS-4 13/May/2016		FFS-5 22/Jun/2016		STUDY TOUR 13-14/Jul/2016				
Cooperative Name	Category	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	
Twitezimbere Sangano	Farmer	0	0	0	6	6	0	6	6	0	8	8	0	8	8	0	8	8	0	8	8	0	8	8	0	8
Twikenure Musenyi	Farmer	0	0	1	5	6	1	5	6	0	8	8	0	8	8	0	8	8	0	8	8	0	8	8	0	8
Twongerumusaruro Mu	Farmer	0	0	3	6	6	4	10	6	4	10	4	4	8	4	4	8	4	4	8	4	4	8	4	3	6
Indangamirwa	Farmer	0	0	3	6	3	3	6	3	3	6	4	4	8	4	4	8	4	4	8	4	4	8	4	3	6
Kopabu	Farmer	0	0	2	4	6	2	4	6	3	5	8	3	5	8	3	6	4	4	8	4	4	8	4	3	6
Farmer Promoter (FP)	Farmer	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	1	0	1	1	0	1	1	0	0
District Agro.	District	1	0	1	1	1	1	1	1	1	0	1	0	1	0	0	1	0	1	0	1	0	1	0	1	0
Cash Crop Officer	District	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
District Coop Officer	District	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender Officer	District	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sector Agro.	Sector	13	1	14	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Sector Coop Officer	Sector	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RAB	RAB	0	0	0	0	0	0	0	0	3	3	2	2	0	0	0	1	1	0	2	2	0	2	2	0	0
NAEB	Other	2	0	2	0	0	0	0	1	0	1	0	0	0	0	0	1	1	0	1	1	0	1	1	0	0
Others	Other	6	2	8	0	0	0	0	0	1	1	2	4	1	2	3	30	33	0	3	3	0	2	2	1	3
Total				25			37		45		51		46		64		49		49		52		34			

2nd Cycle		Profit Analysis WS 9/Sep/2016		FFS-1 20/Jul/2016		FFS-2 24/Aug/2016		2nd TC Meeting 16/Sep/2016		FFS-3 23/Sep/2016		FFS-4 21/Oct/2016		Final Evaluation/W 24-Feb-17		3rd TC Meeting 11th May 2017									
Cooperative Name	Category	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total						
Twitezimbere Sangano	Farmer	0	6	6	0	8	8	0	8	8	0	8	8	0	8	8	0	8	8	0	8	8	0	8	
Twikenure Musenyi	Farmer	0	6	6	0	8	8	0	7	7	0	8	8	0	8	8	0	8	8	0	8	8	0	8	
Twongerumusaruro Mukinga	Farmer	2	4	6	2	6	8	1	2	2	6	8	3	5	8	0	6	6	0	6	6	0	6	6	
Indangamirwa	Farmer	3	3	6	2	6	8	1	2	1	7	8	1	7	8	3	6	2	0	2	0	2	0	2	
Kopabu	Farmer	3	3	6	2	6	8	1	2	3	5	8	3	5	8	2	4	6	1	1	2	0	2	0	
Farmer Facilitator (FF)	Farmer	0	0	0	0	0	2	3	5	0	1	4	5	0	4	0	0	0	0	0	0	0	0	0	
Farmer Promoter (FP)	Farmer	0	0	0	0	0	5	5	0	0	5	5	0	6	6	0	0	0	0	0	0	0	0	0	
District Executive Secretary	District	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
District Agro.	District	1	0	1	0	0	0	0	0	1	0	1	0	0	0	1	0	1	0	1	0	1	0	1	0
Cash Crop Officer	District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
District Coop Officer	District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender Officer	District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sector Executive Secretary	Sector	1	0	1	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sector Agro.	Sector	2	0	2	14	1	15	14	1	14	15	1	16	12	1	13	11	1	12	13	1	14	1	14	
Sector Coop Officer	Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Director of Agri.	District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0
RAB	RAB	0	0	0	0	0	0	2	2	0	1	1	0	2	0	1	1	0	1	1	0	1	1	0	0
NAEB	Other	0	0	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0
Others	Other	0	1	1	1	1	2	2	1	3	0	2	2	0	1	1	0	1	1	0	0	0	0	0	0
Total				35		58		70		32		70		66		46		66		32		70		46	

(v) Participants List in Rubavu District

1st Cycle	Training/Workshop		1st TC Meeting		Kick Off Workshop		Gender TOT		Marketing		FFS-1		FFS-2		FFS-3		FFS-4		Profit Analysis				
	Date		23rd Nov 2016		20-23rd/Dec 2016		20-23rd/Dec 2016		20-23rd/Dec 2016		31-Jan-17		3rd March 2017		30th March 2017		5-May-17		30-Jun-17				
	Cooperative Name	Category	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total
KOAUURU	Farmer	0	0	0	3	6	3	6	3	6	4	4	8	3	5	8	3	5	8	3	3	6	6
Tubarere Neza Gisenyi	Farmer	0	0	0	1	5	6	1	5	6	0	0	8	0	8	0	8	0	8	0	8	0	6
Abanyamurava	Farmer	0	0	0	3	6	3	6	3	6	5	3	8	4	4	8	3	5	8	3	5	8	3
KODUTU	Farmer	0	0	0	1	5	6	1	5	6	2	6	8	1	7	8	1	7	8	1	7	8	3
Kotibanya	Farmer	0	0	0	3	6	3	6	3	6	4	4	8	4	4	8	3	5	8	3	5	8	3
Farmer Promoter (FP)	Farmer	0	0	0	0	0	0	0	0	0	4	0	4	5	0	5	3	2	5	0	5	0	0
Farmer Facilitator (FF)	Farmer	0	0	0	0	0	0	0	0	0	2	2	4	3	2	5	3	2	5	3	2	5	0
Director of Agri.	District	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
District Agro.	District	1	0	1	1	0	1	1	1	0	0	0	0	1	0	1	0	0	0	0	0	1	0
Distr Cash Crop Officer	District	0	0	0	0	1	1	0	1	0	1	0	1	0	1	0	1	0	0	0	0	1	0
Distr Coop Officer	District	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Distr.Exec Secre	District	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gender Officer	District	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sector Agro.	Sector	9	3	12	0	2	2	2	2	2	5	3	8	5	2	7	4	0	4	8	3	11	0
Sect Exec Secretary	Sector	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sect Coop Officer	Sector	7	1	8	3	1	4	3	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0
RAB	RAB	2	0	2	0	0	0	0	0	0	2	2	0	2	2	0	2	2	0	2	2	0	2
NAEB	Other	0	0	0	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	Other	1	1	2	1	1	2	1	1	2	1	0	1	1	0	1	0	1	0	1	0	1	0
Total				29				42						60								66	35

2nd Cycle

2nd Cycle	Training/Workshop		FFS-1		2nd TC Meeting		FFS-2		FFS-3		FFS-4		Profit Analysis				
	Date		21st July 2017		11th Aug 2017		24th August 2017		15th Sept 2017		26th Sept 2017		9th Feb 2018				
	Cooperative Name	Category	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total
KOAUURU	Farmer	4	4	8	1	1	2	4	4	8	4	4	8	3	3	6	6
Tubarere Neza Gisenyi	Farmer	1	7	8	0	2	2	0	8	8	0	8	0	8	0	8	6
Abanyamurava	Farmer	5	3	8	1	1	2	4	4	8	4	4	8	3	3	6	6
KODUTU	Farmer	0	8	8	0	2	2	7	1	8	0	8	1	7	8	2	4
Kotibanya	Farmer	3	5	8	1	1	2	4	4	8	4	4	8	3	3	6	6
Farmer Promoter (FP)	Farmer	5	0	5	0	0	0	5	0	5	5	0	5	0	5	0	0
Farmer Facilitator (FF)	Farmer	3	2	5	0	0	0	3	2	5	3	2	5	4	1	5	0
Director of Agri.	District	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
District Agro.	District	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
Distr Cash Crop Officer	District	0	1	1	1	0	1	0	1	1	0	1	0	1	0	0	0
Distr Coop Officer	District	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
Distr.Exec Secre	District	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0
Gender Officer	District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sector Agro.	Sector	9	3	12	6	2	8	8	3	11	8	4	12	8	4	12	8
Sect Exec Secretary	Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sect Coop Officer	Sector	1	0	1	10	2	12	1	2	0	0	0	0	0	0	8	2
RAB	RAB	2	0	2	2	0	2	2	0	2	2	0	2	0	2	0	0
NAEB	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Others	Other	1	3	4	0	0	0	1	3	4	3	1	4	1	2	0	0
Total				71			36						70			69	51

(vi) Participants List in Nyamasheke District

1st Cycle		1st TC Meeting 17th Nov 2016		Kick Off Workshop 13-16/Dec 2016		Gender TOT 13-16/Dec 2016		Marketing 13-16/Dec 2016		FFS-1 28th Jan 2017		FFS-2 27-Feb-17		FFS-3 28-Mar-17		FFS-4 2nd May 2017		Profit Analysis 28-Jun-17		
Training/Workshop Date	Cooperative Name	Category	M		F		Total		M		F		Total		M		F		Total	
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
	Turwanye Imire Mibi	Farmer	0	0	3	3	6	6	4	4	8	4	4	8	4	4	8	4	4	8
	Duharanubuzima	Farmer	0	0	2	4	6	2	4	6	4	5	9	1	7	8	2	6	8	1
	Twitezimbere mu Bihingwa	Farmer	0	0	3	3	6	3	3	6	4	4	8	4	4	8	4	4	8	3
	Nganduranugo	Farmer	0	0	4	2	6	4	2	6	4	4	8	3	5	8	4	4	8	3
	Abayamugambi	Farmer	0	0	3	3	6	3	3	6	4	4	8	3	5	8	4	4	8	3
	K.A.A.B	Farmer	0	0	0	0	0	0	0	0	2	3	5	2	3	5	2	3	5	0
	Farmer Promoter (FP)	Farmer	0	0	0	0	0	0	0	0	3	1	4	4	1	5	2	3	5	0
	Farmer Facilitator (FF)	Farmer	0	0	0	0	0	0	0	0	3	1	4	4	1	5	2	3	5	0
	Vice Mayor (VMED)	District	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Director of Agriculture	District	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
	Dist Exec Secretary	District	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	District Agro.	District	1	0	1	0	1	0	1	0	1	0	1	0	0	1	0	1	0	1
	Cash Crop Officer	District	0	0	1	1	0	1	1	0	0	0	0	0	0	1	0	1	0	0
	District Coop Officer	District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Gender Officer	District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Sector Agro.	Sector	11	4	15	3	1	4	3	1	4	12	3	15	11	3	14	11	4	15
	Sector Coop Officer	Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	RAB	RAB	3	0	3	0	0	0	0	0	2	1	3	2	0	2	0	2	2	0
	NAEB	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Others	Other	7	0	7	1	0	1	1	0	1	1	0	1	0	0	0	0	0	0
	Total				29			38			70			66			69			68

2nd Cycle		18th July 2017		10th Aug 2017		22nd Aug 2017		14th Sept 2017		27th Sept 2017		8th Feb 2018								
Training/Workshop Date	Cooperative Name	Category	M		F		Total		M		F		Total							
			M	F	M	F	M	F	M	F	M	F	M	F						
	Turwanye Imire Mibi	Farmer	5	3	8	1	1	2	5	3	8	4	4	8	3	3	6			
	Duharanubuzima	Farmer	2	6	8	1	1	2	2	6	8	1	7	8	2	6	8			
	Twitezimbere mu Bihingwa	Farmer	4	4	8	1	1	2	4	4	8	4	4	8	3	5	8			
	Nganduranugo	Farmer	4	4	8	1	1	2	4	4	8	4	4	8	3	5	8			
	Abayamugambi	Farmer	4	4	8	1	1	2	4	4	8	4	4	8	3	5	8			
	K.A.A.B	Farmer	4	4	8	1	1	2	3	5	8	4	4	8	4	4	8			
	Farmer Promoter (FP)	Farmer	1	4	5	0	0	0	3	2	5	2	3	5	3	2	5			
	Farmer Facilitator (FF)	Farmer	4	1	5	0	0	0	3	2	5	2	3	5	4	1	5			
	Vice Mayor (VMED)	District	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0			
	Director of Agriculture	District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Distr Exec Secretary	District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	District Agro.	District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Cash Crop Officer	District	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0			
	District Coop Officer	District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Gender Officer	District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Sector Agro.	Sector	10	4	14	13	2	15	12	3	15	12	3	15	12	3	15			
	Sector Coop Officer	Sector	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	RAB	RAB	1	0	1	2	0	2	0	2	3	0	3	0	2	0	2			
	NAEB	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Other	Other	1	1	2	0	0	0	2	0	2	0	0	0	1	1	3			
	Total				68			28			69			69			69			46

(3) ToT for RAB-SMAP

Participant organization/ Name of Training/Workshop	RAB TOT Training			RAB-SMAP Introduction WS		
	24-Oct-16			26-28 July 2017		
	M	F	Total	M	F	Total
RAB	10	10	20	11	6	17
MINAGRI	0	0	0	0	1	1
Others	0	0	0	3	0	3
JICA	0	0	0	2	0	2
SMAP	5	0	5	10	3	13
				25		36

Participant organization/ Name of Training/Workshop	Introduction Workshop			Marketing & Gender, Coop Mgmt		
	11th-13th/Dsc/2017			8th-12th/Jan/2018		
	M	F	Total	M	F	Total
HQ	6	2	8	5	2	7
Eastern	5	4	9	4	5	9
Northern	1	2	3	1	3	4
Western	4	0	4	5	0	5
Southern	3	4	7	5	5	10
Others	0	0	0	0	1	1
SMAP	6	1	7	4	1	5
	25	13	38	24	16	40

Participant organization/ Name of Training/Workshop	FFS-1			FFS-2			FFS-3			FFS-4			FFS-5			Profit Analysis & Evaluation WS		
	2nd/Feb/2018			2nd/Mar/2018			27th/Mar/2018			20th/Apr/2018			25th/May/2018			7-8th/Aug/2018		
	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total
HQ	6	4	10	2	6	8	5	2	7	3	2	5	3	0	3	4	2	6
Eastern	5	6	11	4	6	10	2	5	7	4	6	10	4	6	10	5	4	9
Northern	1	2	3	1	3	4	1	3	4	1	2	3	1	2	3	1	3	4
Western	4	0	4	6	0	6	6	0	6	6	0	6	5	0	5	5	0	5
Southern	3	3	6	2	4	6	3	4	7	1	4	5	1	4	5	2	5	7
Others	0	1	1	1	0	1	1	3	4	7	0	2	2	0	2	0	0	0
SMAP	6	4	10	5	4	9	4	2	6	4	3	7	3	2	5	7	1	8
	25	13	38	24	15	39	22	19	41	21	19	40	18	17	35	24	15	39

Participant organization/ Name of Training/Workshop	Marketing & Gender, Coop Mgmt			FFS-1			FFS-2			FFS-3			FFS-4			FFS-5			Profit Analysis & Evaluation WS		
	5th-9th/Jan/2018			18th/Mar/2019			5th/Apr/2019			29th/Apr/2019			2nd/ Jul 2019			2nd/3rd September 2019					
	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total	M	F	Total			
HQ	0	3	3	0	2	2	1	1	2	0	1	1	0	1	1	0	1	1			
Northern	1	1	2	0	1	1	1	1	2	1	1	2	1	1	2	1	1	2			
Eastern	1	0	1	0	0	0	0	0	1	0	1	1	0	1	1	0	1	1			
Western	3	0	3	3	0	3	3	0	3	3	0	3	3	0	3	3	0	3			
Southern	2	5	7	2	4	6	1	4	5	2	4	6	1	4	5	2	3	5			
Others	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0			
SMAP	5	2	7	1	2	3	1	2	3	1	2	3	1	1	2	4	1	5			
	12	11	23	7	10	17	8	7	15	7	8	15	10	7	17	14	11	25			

Annex IX.I.III Activity Record of Indirect Support for Horticulture

(i) Rwamagana District

Activity Name	Date	Number of Participants		Cost by District		Cost by RAB		Cost by Farmers		Remarks
		Particularly	Total	RWF	Expenditure Items	Rwf	Expenditure Items	Rwf	Expenditure Items	
Indirect 1st year (FY2015/2016)										
1	FFS-1	26-Apr-16	Sector Agro: 1 (M:1), Farmer: 60 (M:30, F:30)	61	0-	0-	0-	10,000	Seeds	Only for core cooperative. The cooperative bought vegetable seed.
2	FFS-2	18-May-16	DAO: 1 (M:1), RAB officer: 1 (M:1), Sector Agro: 3 (M:3), Farmer: 30 (M:15, F:15)	35	253,000	77,000	Rent a car and allowance for RAB staff	0-		
3	FFS-3	21-Jun-16	Sector Agro: 1 (M:1), Farmer: 60 (M:30, F:30)	61	0-	0-	0-	6,000	Fertilizer (NPK)	Only for core cooperative. The cooperative bought fertilizer.
4	FFS-4	05-Jul-16	Sector Agro: 1 (M:1), Farmer: 60 (M:30, F:30)	61	0-	0-	0-	15,000	Fertilizer and pesticides	Core cooperative bought fertilizer and pesticides.
Sub-Total				218	253,000	77,000		31,000		
Indirect 2nd year (FY2016/2017)										
1	Kick off meeting	20-Oct-16	Director of agriculture: 1, DAO: 1, Cash crop officer: 1, Secto Agro: 4 (M:4), District agro assistant: 1, RAB: 1, Farmer: 10 (M: 8 F:2)	19	49,000	0-	Mission allowance for 4 sector agronomists	36,000	Transportation ticket for participants	
2	Marketing training	10,11-Nov-16	Director of agriculture: 1, DAO: 1, Cash crop officer: 1, Secto Agro: 4 (M:4), District agro assistant: 1, Farmer: 25 (M:15, F:10)	33	1,167,000	0-	Transportation ticket for the participants (coop member, sector agro), Tea break, Lunch, Water, Rental charge of vehicle to transport participants to the market	0-		Transportation ticket for farmers (190,000Rwf), Transportation ticket for sector agro (49,000Rwf), Tea break (2,000x33), Lunch(3,500x33), Water(500x3), vehicle to transport farmers to the market (130,000 Rwf)
3	FFS-1	24-Nov-16	Director of agriculture: 1, DAO: 1, Cash crop officer: 1, Secto Agro: 4 (M:4), District agro assistant: 1, Farmer: 50 (M:27, F:23)	58	497,000	0-	Transportation ticket for participants (coop member, sector agro), Rental charge of vehicle to transport farmers to DT farm	30,000	Seeds	DAO prepared a minibus to bring participants from District office to DT farm. Mini bus: 68,000 Rwf.
4	Coop. Management and Gender	13,14-Dec-16	Director of agriculture: 1, DAO: 1, Cash crop officer: 1, Secto Agro: 4 (M:4), District agro assistant: 1, Farmer: 25 (M:15, F:10)	33	1,471,200	0-	Transportation ticket for participants (coop member, sector agro), Tea break, Lunch, Water	0-		Transportation ticket for farmers (190,000Rwf), Transportation ticket for sector agro (49,000Rwf), Tea break (2,000x33), Lunch(3,500x33), Water(500x3)
5	FFS-2	23-Dec-16	DAO: 1, Cash crop: 1, Secto Agro: 4 (M:4), Farmer: 50 (M:25, F:25)	56	497,000	0-	Transportation ticket for participants (coop member, sector agro), Rental charge of vehicle to transport farmers to DT farm	0-		DAO prepared a minibus to bring participants from District office to DT farm. Mini bus: 68,000 Rwf.
6	FFS-3	24-Jan-17, 2,3,8,10-Feb-17	DAO: 1, Secto Agro: 4 (M:4), District agro assistant: 1, RAB: 2 (F:2), Farmer: uncounted	-	98,000	-	Mission allowance for DAO and DAO Assistant	3,000	Fertilizer(NPK)	DAO and cash crop visited to each cooperatives' field and conducted FFS-3. They invited all coop members and Sector Agronomist.
Sub-Total				199	3,779,200	0		69,000		

(Note) DAO: District Agronomist

(ii) Kirehe District

No.	Activity Name	Date	Number of Participants		Cost by District		Cost by RAB		Cooperative Farmer		Remarks
			Particularly	Total	RWF	Expenditure Items	RWF	Expenditure Items	RWF	Expenditure Items	
Indirect 2nd year (FY2016/2017)											
1	Kick off meeting	19-Oct-16	Director of agriculture: 1(M:1), DAO: 1(M:1), Cash crop officer: 1(M:1), Sector Agro: 3(M:2, F:1), Farmer: 20(M:10, F:10)	26	25,500	Mission allowance for Sector Agro	0 -	0 -	50,000	Transportation ticket	The meeting was done at district office.
2	Marketing training	9,10,11-Nov-16	Director of agriculture: 1(M:1), DAO: 1(M:1), Cash crop officer: 1(M:1), Sector Agro: 3 (M:2, F:1), SEDO: 5 (M:3, F:2), Sector BDEP: 3 (M:3), DIO: 1 (F:1), Farmer: 20(M:10, F:10)	35	847,500	Transportation ticket for participants (Coops, District/ Sector Officers)	0 -	0 -	0 -		The training was done for 3 days, from 8:00 am to 2:00 pm without lunch, all participants were paid only transportation ticket.
3	FFS-1	24-Nov-16	Cash crop officer: 1(M:1), Sector Agro: 3 (M:2, F:1), SEDO: 5(M:3, F:2), FFS Facilitators: 3 (M:3), Farmer: 20(M:10, F:10)	33	261,500	Transportation ticket for participants (Coops, District/ Sector Officers)	0 -	0 -	32,000	Seeds	
4	FFS-2	23-Dec-16	Sector Agro: 3 (M:2, F:1), SEDO 5(M:3, F:2), FFS Facilitators: 3(M:3), Farmer: 20 (M:10, F:10)	31	232,500	Transportation ticket for participants (Coops, District/ Sector Officers)	0 -	0 -	0	-	
5	FFS-3	19-Jan-17	Director of agriculture: 1 (M:1), DAO: 1 (M:1), Cash crop officer: 1 (M:1), DIO:1 (F:1), Sector Agro: 3 (M:2, F:1), SEDO: 5(M:3, F:2), Farmer: 20 (M:10, F:10)	32	261,000	Transportation ticket for participants (Coops, District/ Sector Officers)	0 -	0 -	3,000	Fertilizer (NPK)	
				Sub-Total	157	1,628,000	0	0	85,000		
Indirect 3rd year (FY2017/2018)											
1	Coop. Management, Gender and Marketing training	17 - 20 April 2018	Farmer: 22(M:12; F:10), District /Sector officer: 3(M:2, F:1)	25	775,000	Transportation fee for the participants, Lunch	0	0	0	-	
2	FFS - 1	24-Apr-18	Farmer: 22(M:12; F:10), District /Sector officer: 2(M:2/ F:6)	24	155,000	Transportation fee for the participants, Lunch	0	0	2,500	Seeds	
3	FFS - 2	21-May-18	Farmer: 15(M:9; F:6), District /Sector officer: 1(M:1)	19	160,000	Transportation fee for the participants, Lunch	0	0	0	-	
3	FFS - 3	22-Jun-18	Farmer: 15(M:9; F:6), District /Sector officer: 1(M:1; F:1)	18	150,000	Transportation fee for the participants, Lunch	0	0	1,800	Compost	
4	FFS - 4	22-Aug-18	Farmer: 15(M:10; F:5), District /Sector officer: 1(M:1; F:1)	17	160,000	Transportation fee for the participants, Lunch, Pesticide	0	0	0	-	
5	FFS - 5. Profit analysis Workshop	11-Oct-18	Farmer: 23(M:14; F:9), District /Sector officer: 6(M:4; F:2)	29	318,000	Transportation fee for the participants, Lunch	0	0	0	-	FFS 5 and Profit analysis Workshop were organised at the same day.
				Sub-Total	152	1,718,000	0	0	4,300		

Note) DAO: District Agronomist Officer, SEDO: Social Economic Development Officer(cell level officer), DIO: District Irrigation Officer, FFS: Farmer Field School

(iii) Rulindo District

No.	Activity Name	Date	Number of Participants		Cost by District		Cost by RAB		Cost by NAEB		Cooperative Farmer Expenditure Items		Remarks
			Particularly	Total	RWF	Expenditure Items	RWF	Expenditure Items	RWF	Expenditure Items	RWF	Expenditure Items	
Indirect 1st year (FY 2016/2017)													
1	Kick off meeting	28-Oct-17	Farmer: 200(M:11, F:9), DAO: 1, Sector Agro: 4(M:3, F:1) Farmer: 200(M:11, F:9), FFS Facilitator: 4(M:3, F:1), DAO: 1, Sector Agro: 4(M:3, F:1) RAB officer: 2, NAEB officer: 1	25	165,000	Transportation ticket: 56,000 Lunch: 59,000 Conference room: 50,000	0	0	0	0	0	0	
2	Marketing training	13,14-Dec-16	Farmer: 200(M:11, F:9), FFS Facilitator: 4(M:3, F:1), DAO: 1, Sector Agro: 4(M:3, F:1) RAB officer: 2, NAEB officer: 1	34	515,000	Transportation ticket: 240,000 Lunch: 175,000 Conference room: 100,000	112,000	Rent-a-car fee for RAB technician.	56,000	Rent-a-car fee for NAEB technician.	0	0	
3	FFS-1	5-Jan-17	Farmer: 200(M:11, F:9), FFS Facilitator: 4(M:3, F:1), DAO: 1, Sector Agro: 4(M:3, F:1) Farmer: 200(M:11, F:9), FFS Facilitator: 4(M:3, F:1), DAO: 1, Sector Agro: 4(M:3, F:1) RAB officer: 1	29	105,000	Transportation ticket: 105,000	0	0	0	0	0	0	
4	FFS-2	7-Feb-17	Farmer: 200(M:11, F:9), FFS Facilitator: 4(M:3, F:1), DAO: 1, Sector Agro: 4(M:3, F:1) RAB officer: 1	30	224,000	Transportation ticket: 105,000 Lunch: 119,000	56,000	Rent-a-car fee for RAB technician.	0	0	0	0	
5	Coop. Management, Gender and Marketing training	2,3-Mar-17	Farmer: 200(M:11, F:9), FFS Facilitator: 4(M:3, F:1), DAO: 1, District Gender officer: 1, District IP&FS: 2 Sector Agro: 4(M:3, F:1), RAB officer: 2, NAEB: 1	35	655,000	Lunch, Tea break: 315,000 Transportation ticket: 240,000 Conference room: 100,000	112,000	Rent-a-car fee for RAB technician.	56,000	Rent-a-car fee for NAEB technician.	0	0	
6	FFS-3 and FFS-4	31-Mar-17	Farmer: 200(M:11, F:9), FFS Facilitator: 4(M:3, F:1), DAO: 1, District Cash Crop officer: 1, Sector Agro: 4(M:3, F:1), RAB officer: 2	32	224,000	Transportation ticket: 105,000 Lunch: 119,000	56,000	Rent-a-car fee for RAB technician.	0	0	0	0	
7	Matching meeting	13-Jun-17	Farmer: 200(M:11, F:9), FFS Facilitator: 4(M:3, F:1), DAO: 1, Sector Agro: 2(M:2, F:0), RAB officer: 2, NAEB: 1 Others (Vegetable buyers of Gasiza and Unguka accountants): 13	43	305,000	Transportation ticket: 105,000 Rental car to transport the buyers: 60,000 Lunch: 140,000	0	0	0	0	0	0	
Sub-Total					228	2,193,000	336,000	112,000	112,000	-	-	-	
Indirect 2nd year (FY 2017/2018)													
1	Kick off meeting and cooperative management training	10-Oct-17	Farmer: 200(M:10, F:10), FFS Facilitator: 3(M:2, F:1), DAO: 1, Sector Agro: 3(M:2, F:1), SEDO: 1(M:1) RAB officer: 2, NAEB: 1	31	238,000	Transportation ticket, Lunch, Conference room, Training materials	0	0	0	0	0	0	
2	Gender and Marketing training	16-Jan-18	Farmer: 200(M:10, F:10), FFS Facilitator: 1(F:1), DAO: 1(M:1), District Cash Crop officer: 1(M:1), District Cooperative Officer: 1(M:1), Sector Agro: 4(M:2, F:2)	28	282,300	Transportation ticket, Lunch, Conference room, Training materials, Accommodation	0	0	0	0	0	0	

No.	Activity Name	Date	Number of Participants		Cost by District		Cost by RAB		Cost by NAEB		Cooperative Farmer		Remarks
			Particularity	Total	RWF	Expenditure Items	RWF	Expenditure Items	RWF	Expenditure Items	RWF	Expenditure Items	
3	Marketing training	17-Jan-18	Farmer: 20(M:10, F:10), FFS Facilitator: 1(F:1), DAO: 1(M:1), District Cash Crop officer: 1(M:1), District Cooperative Officer: 1(M:1), Sector Agro: 4(M:2, F:2)	28	319,700	Transportation ticket, Lunch, Conference room, Training materials	0-	0-	0-	0-	0-		
2	FFS-1	5-Jun-18	Farmer: 25(M:14, F:11), District /Sector officer: 1(F:1)	26	117,000	Transportation fee for farmers and sector officers	0-	0-	0-	0-	0		
3	FFS-2	10-Jul-18	Farmer: 19(M:10, F:9), District /Sector officer: 3(M:1, F:2)	22	125,000	Transportation fees of farmers and sector officers	0-	0-	0-	0-	3,000	Mulching material	
4	FFS-3	1-Aug-18	Farmer: 19(M:10, F:9), District /Sector officer: 2(M:1, F:1)	21	117,000	Transportation fees of farmers and sector officers	0-	0-	0-	0-	4,500	Compost, Fertilizer (NPK)	
5	FFS-4	12-Sep-18	Farmer: 15(M:8, F:7), District /Sector officer: 2(M:1, F:1), RAB: 1(F:1)	18	92,000	Transportation fees of farmers and sector officers	88,000	Transportation fee for RAB officer	0-	0-	1,500	Fertilizer (NPK)	
6	FFS - 5, Profit analysis workshop	7-Nov-18	Farmer: 17(M:10, F:7), District /Sector officer: 2(M:2, F:0)	19	99,000	Transportation fees of farmers and sector officers	0-	0-	0-	0-	0-	0-	
Sub-Total					193	1,390,000		88,000	0	0	9,000		

Note) DAO: District Agronomist, FFS: Farmer Field School

(iv) Musanze District

No.	Activity Name	Date	Number of Participants		Cost by District		Cost by RAB		Cooperative Farmer		Remarks
			Particularly	Total	RWF	Expenditure Items	RWF	Expenditure Items	RWF	Expenditure Items	
Indirect 1st year (FY2016/2017)											
1	Kickoff Meeting	27-Dec-16	Farmer: 10(M:5, F:5), DAO: 1, Sector/ Cell officer: 16, RAB: 1, NAEB: 1	29	226,800	Transportation fee and training materials	0 -		0 -		RAB and NAEB officers were invited and the District paid their transportation fee.
2	Cooperative Management and Gender Training	29-Dec-16	Farmer: 35(M:16, F:19), DAO: 1, Sector/ Cell officer: 16, RAB: 1, NAEB: 1	54	375,000	Transportation fee and training materials	0 -		0 -		RAB and NAEB officers were invited and the District paid their transportation fee.
3	Marketing training	5-Jan-17	Farmer: 35(M:16, F:19), DAO: 1, Sector/ Cell officer: 16, RAB: 1, NAEB: 1	54	393,000	Transportation fee and training materials	0 -		0 -		RAB and NAEB officers were invited and the District paid their transportation fee.
4	Marketing training	10-Jan-17	Farmer: 35(M:16, F:19), DAO: 1, Sector/ Cell officer: 16, RAB: 1, NAEB: 1	54	393,000	Transportation fee and training materials	0 -		0 -		RAB and NAEB officers were invited and the District paid their transportation fee.
5	FFS-1	20-Jan-17	Farmer: 35(M:16, F:19), DAO: 1, Sector/ Cell officer: 16, RAB: 1, NAEB: 1	53	438,000	Transportation fee and training materials	0 -		0 -		NAEB officer was invited and the District paid their transportation fee.
6	FFS-2	14-Mar-17	Farmer: 35(M:16, F:19), DAO: 1, Sector/ Cell officer: 16, RAB: 1, NAEB: 1	54	383,000	Transportation fee and training materials	0 -		0 -		RAB and NAEB officers were invited and the District paid their transportation fee.
7	FFS-3	21-Apr-17	Farmer: 35(M:16, F:19), DAO: 1, Sector/ Cell officer: 16, RAB: 1, NAEB: 1	53	381,000	Transportation fee and training materials	0 -		0 -		RAB and NAEB officers were invited and the District paid their transportation fee.
8	FFS-4	25-May-17	Farmer: 35(M:16, F:19), DAO: 1, Sector/ Cell officer: 16, RAB: 1, NAEB: 1	54	383,000	Transportation fee and training materials	0 -		0 -		RAB and NAEB officers were invited and the District paid their transportation fee.
9	FFS-5	28-Jun-17	Farmer: 35(M:16, F:19), DAO: 1, Sector/ Cell officer: 16, RAB: 1, NAEB: 1	53	383,000	Transportation fee and training materials	0 -		0 -		NAEB officer was invited and the District paid their transportation fee.
10	Matching Meeting	20-Jul-17	Farmer: 10(M:4, F:6), District/ Sector/ Cell officer: 10, NAEB: 1, Buyers etc.: 26	47	608,000	Transportation fee and Lunch	0 -		0 -		NAEB officer was invited and the District paid their transportation fee.

No.	Activity Name	Date	Number of Participants		Cost by District		Cost by RAB		Cooperative Farmer		Remarks
			Particularly	Total	RWF	Expenditure Items	RWF	Expenditure Items	RWF	Expenditure Items	
11	FFS-1	27-Jul-17	Farmer: 35(M:17, F:18), DAO: 1, Director of Agriculture: 1, Sector/ Cell officer: 16, NAEB: 1	54	460,500	Transportation fee and Lunch	0 -	0 -		0 -	NAEB officer was invited and the District paid their transportation fee.
12	FFS-2	9-Jul-17	Farmer: 35(M:17, F:18), DAO: 1, Director of Agriculture: 1, Sector/ Cell officer: 15, RAB: 1, NAEB: 1	54	374,500	Transportation fee and Lunch	0 -	0 -		0 -	NAEB officer was invited and the District paid their transportation fee.
13	FFS-3	10-Oct-17	Farmer: 35(M:17, F:18), DAO: 1, Director of Agriculture: 1, Sector/ Cell officer: 15, NAEB: 1	53	381,000	Transportation fee and Lunch	0 -	0 -		0 -	
14	Study tour	12-13-Oct-2017	Farmer: 15(M:8, F:7), District/ Sector/ Cell officer: 10	25	1,555,000	Transportation fee and Accommodation for two days	0 -	0 -		0 -	
15	FFS-4	21-Dec-17	Farmer: 35(M:17, F:18), DAO: 1, Director of Agriculture: 1, Sector/ Cell officer: 15, NAEB: 1	53	398,000	Transportation fee and Lunch	0 -	0 -		0 -	
16	Profit analysis workshop	8-Feb-18	Farmer: 50(M:20, F:30), DAO: 1, Director of Agriculture: 1, Cash Crop Officer: 1, Sector/ Cell officer: 13, Other: 1	67	892,000	Transportation fee and Lunch	0 -	0 -		0 -	
Sub-Total					811	8,024,800		-		-	
Indirect 2nd year (FY2017/2018)											
1	Kickoff and Cooperative Management and Gender Training	1-2-Nov-17	Farmer: 25(M:13, F:12), DAO: 1 Director of Agriculture: 1, Cash Crop Officer: 1, Sector/ Cell officers: 5, NAEB: 1	34	420,000	Transportation fee	0 -	0 -		0 -	
2	Marketing training	8-9-Nov-2017	Farmer: 25(M:13, F:12), DAO: 1 Director of Agriculture: 1, Cash Crop Officer: 1, Sector/ Cell officers: 5, NAEB: 1	34	420,000	Transportation fee	0 -	0 -		0 -	

No.	Activity Name	Date	Number of Participants		Cost by District			Cost by RAB			Cooperative Farmer		Remarks
			Particularly	Total	RWF	Expenditure Items	RWF	Expenditure Items	RWF	Expenditure Items			
3	FFS-1	2-Mar-18	Farmer: 25(M:13, F:12), DAO: 1 Director of Agriculture: 1, Cash Crop Officer: 1, Sector/ Cell officers: 5, NAEB: 1	34	257,000	Transportation fee, Seeds and Fertilizer (NPK)	0 -	0 -					
4	FFS-2	17-Apr-18	Farmer: 25(M:13, F:12), DAO: 1 Director of Agriculture: 1, Cash Crop Officer: 1, Sector/ Cell officers: 5, NAEB: 1	34	210,000	Transportation fee	0 -	0 -					
5	FFS-3	30-Apr-18	Farmer: 25(M:13, F:12), DAO: 1 Director of Agriculture: 1, Cash Crop Officer: 1, Sector/ Cell officers: 5, NAEB: 1	34	212,000	Transportation fee and Pesticide	0 -	0 -					
6	FFS-4	11-May-18	Farmer: 25(M:13, F:12), DAO: 1 Director of Agriculture: 1, Cash Crop Officer: 1, Sector/ Cell officers: 5, NAEB: 1	34	210,000	Transportation fee	0 -	0 -					
7	FFS-5	6-Jul-18	Farmer: 25(M:13, F:12), DAO: 1 Director of Agriculture: 1, Cash Crop Officer: 1, Sector/ Cell officers: 5, NAEB: 1	34	231,000	Transportation fee and Stationary	0 -	0 -					
8	Study tour	6-7-Sep-2018	Farmer: 15(M:7, F:8), DAO: 1 Director of Agriculture: 1, Cash Crop Officer: 1, Sector/ Cell officers: 6	24	1,323,150	Transportation fee, Lunch and Accommodation	0 -	0 -					
9	Profit analysis workshop	31-Oct-18	Farmer: 30(M:15, F:15), DAO: 1 Director of Agriculture: 1, Cash Crop Officer: 1, Sector/ Cell officers: 10	43	460,000	Transportation fee, Lunch	0 -	0 -					
Sub-Total					1,314	14,993,950		-	-				

Note) DAO: District Agronomist

(v) Nyamasheke District

No.	Activity Name	Date	Number of Participants		Cost by District		Cost by RAB		Cooperative Farmer		Remarks
			Particularly	Total	RWF	Expenditure Items	RWF	Expenditure Items	RWF	Expenditure Items	
Indirect 1st year (FY2017/2018)											
1	Coop Management & Marketing Training	16-19-Jan-2018	Farmer: 20(M:10, F:10) District officers: 3, Sector Agro: 12	35	1,221,500	Transportation fee for participants(876,000Rwf), Lunch(300,000Rwf), Other materials(45,500Rwf)	0	0	0		Transportation fee for the farmer has been sent to farmers' accounts.
2	FFS-1	7-Mar-18	Farmer: 20(M:10, F:10) District officers: 1, Sector Agro: 3	24	171,500	Transportation fee for participants(105,500Rwf), Lunch(66,000Rwf)	0	0	7,500	Seeds	Ditto
3	FFS-2	11-Apr-18	Farmer: 20(M:10, F:10) District officers: 1, Sector Agro: 3	24	171,500	Transportation fee for participants(105,500Rwf), Lunch(66,000Rwf)	0	0	0		Ditto
4	FFS-3	11-May-18	Farmer: 20(M:10, F:10) District officers: 1, Sector Agro: 3	24	171,500	Transportation fee for participants(105,500Rwf), Lunch(66,000Rwf)	0	0	0		Ditto
5	FFS-4	12-Jun-18	Farmer: 20(M:10, F:10) District officers: 1, Sector Agro: 3	24	171,500	Transportation fee for participants(105,500Rwf), Lunch(66,000Rwf)	0	0	0		Ditto
6	FFS5 combined with profit analysis	13-Sep-18	Farmer: 20(M:10, F:10) District officers: 1, Sector Agro: 3	24	0		0	0	0		
Sub-Total				155	1,907,500		-	-	7,500		
Indirect 2nd year (FY2018/2019)											
1	Coop Management & Marketing training	22, 25-Jan-2019	Farmer: 20(M:10, F:10) District officers: 2, Sector Agro: 3	25	836,000	Transportation fee for participants(504,000Rwf), Lunch(297,000Rwf), Other materials(35,000Rwf)	0	0	0		Transportation fee for the farmer has been sent to farmers' accounts.
2	FFS-1	2-Apr-19	Farmer: 20(M:10, F:10) District officers: 1, Sector Agro: 3	24	230,000	Transportation fee for participants(135,000Rwf), Lunch(90,000Rwf), Other materials(5,000Rwf)	0	0	5,000	Seeds	Ditto
3	FFS-2	5-May-19	Farmer: 20(M:10, F:10) District officers: 1, Sector Agro: 3	24	0	Transportation fee for participants(135,000Rwf), Lunch(90,000Rwf), Other materials(5,000Rwf)	0	0	0		
4	FFS-3	20-Jun-19	Farmer: 20(M:10, F:10) District officers: 1, Sector Agro: 3	24	0	Transportation fee for participants(135,000Rwf), Lunch(90,000Rwf), Other materials(5,000Rwf)	0	0	0		
Sub-Total				97	1,066,000		-	-	-		

(Note) DAO: District Agronomist

(vi) Rubavu District

No.	Activity Name	Date	Number of Participants		Cost by District		Cost by RAB		Cooperative Farmer		Remarks
			Particularly	Total	RWF	Expenditure Items	RWF	Expenditure Items	RWF	Expenditure Items	
Indirect 1st year (FY2017/2018)											
1	Kickoff meeting	28-Sep-17	Farmers: 10(M:5, F:5), FFS Facilitators: 3 (M:1, F:2), Sector Agro: 3 (M:2, F:1)	16	0	-	0	-	0	-	The farmers were not paid the transportation fees because kick off meetings was conducted at sector level of
2	Cooperative Management and Gender Training	20-Dec-17	Farmer: 20(M:15, F:5), District Officer: 3(M:2, F:1), Sector Agro: 2(M:2), Cash Crop Officer: 1(F:1)	26	205,700	Transportation fee, Lunch	0	-	-	-	
3	Marketing Training	21-22-Dec-2017	Farmer: 20(M:15, F:5), District Officer: 3(M:2, F:1), Sector Agro: 2(M:2), Cash Crop Officer: 1(F:1)	26	411,400	Transportation fee, Lunch	0	-	-	-	
5	FFS-1	6-Mar-18	Farmer: 19(M:9, F:10), FFS Facilitator: 2(F:2), Cell Officer: 1(M:1), Sector Agro: 3 (M:2, F:1), DAO: 1(M:1)	26	176,600	Transportation fee, Lunch	0	-	-	-	
6	FFS-2	18-Apr-17	Farmer: 16(M:8, F:8), FFS Facilitator: 2(F:2), Sector Agro: 3 (M:2, F:1), Cash Crop Officer: 1(F:1)	22	153,700	Transportation fee, Lunch	0	-	-	-	
7	FFS-3	16-May-17	Farmer: 19(M:9, F:10), FFS Facilitator: 3(M:1, F:2), Sector Agro: 2(M:2), Cash Crop Officer: 1(F:1), DAO: 1(M:1)	26	193,800	Transportation fee, Lunch	0	-	-	-	
8	FFS-4	8-Jun-17	Farmer: 20(M:10, F:10), FFS Facilitator: 2(M:1, F:1), Sector Agro: 3 (M:2, F:1), Cash Crop Officer: 1(F:1), DAO: 1(M:1)	27	202,800	Transportation fee, Lunch	0	-	-	-	
9	Profit Analysis Workshop	10-Nov-18	Farmer: 20(M:11, F:9), Sector Agro: 3 (M:2, F:1), Cash Crop Officer: 1(F:1), DAO: 1(M:1)	25	176,800	Transportation fee, Lunch	0	-	0	-	
Sub-Total					194	1,520,800					
Indirect 2nd year (FY2018/2019)											
1	Kickoff Meeting and Cooperative Management and Gender Training	27-28-Dec-2018	Farmer: 20(M:11, F:9), Sector Agro: 3(M:2, F:1), Sector Cooperative Officer: 3 (M:3), Cash Crop Officer: 1(F:1), DAO: 1(M:1)	28	600,700	Transportation fee, Lunch, Conference room	0	0	0	0	
2	Marketing Training	08-09-Jan-2019	Farmer: 20(M:11, F:9), Sector Agro: 3 (M:2, F:1), Sector Cooperative Officer: 1(M:1), Cash Crop Officer: 1(F:1), DAO: 1(M:1)	26	550,800	Transportation fee, Lunch, Conference room	0	0	0	0	

No.	Activity Name	Date	Number of Participants Particularly	Cost by District		Cost by RAB		Cooperative Farmer Expenditure		Remarks
				RWF	Expenditure Items	RWF	Expenditure Items	RWF	Expenditure Items	
3	FFS-1	20-Feb-19	Farmer: 20(M:11, F:9), Sector Agro: 3(M:2, F:1), Sector Cooperative Officer: 2(M:2), Cash Crop Officer: 1(F:1), DAO: 1(M:1)	27	Transportation fee, Lunch	122,000	0	0	0	
4	FFS-2	4-Apr-19	Farmer: 20(M:11, F:9), FFS Facilitator: 3(M:3), Sector Agro: 3(M:3), Cash Crop Officer: 1(F:1), DAO: 1(M:1)	28	Transportation	122,600	0	0	0	
5	FFS-3	9-May-19	Farmer: 20(M:11, F:9), FFS Facilitator: 3(M:3), Sector Agro: 3(M:3), Cash Crop Officer: 1(F:1), DAO: 1(M:1)	28	Transportation	122,600	0	0	0	
6	FFS-4	13-Jun-19	Farmer: 20(M:11, F:9), FFS Facilitator: 3(M:3), Sector Agro: 3(M:3), Cash Crop Officer: 1(F:1), RAB: 1(M:1)	28	Transportation	122,600	0	0	0	
7	FFS-5	25-Jul-19	Farmer: 20(M:11, F:9), FFS Facilitator: 3(M:3), Sector Agro: 2(M:2), Cash Crop Officer: 1(F:1)	26	Transportation	122,000	0	0	0	
Sub-Total				191		1,763,300				

Note) DAO: District Agronomist, FFS: Farmer Field School

The proposal of selecting implementing districts has four main considerations: **Motivation, Resources Availability and Mobilization, Geographical Conditions** and **Socio-economic Considerations**. You are requested to provide information of your district using the format given by ticking in the appropriate box or filling in the blankspaces.

1. General Information

1.1 Name of the District _____

1.2 Size of Land (km2) _____

1.3 Population of the District _____

1.4 Distance from District Office to Kigali (km) _____

1.5 Distance form District Office to Province Capital (km) _____

1.6 No. of Administrative Units:

- Sector _____

- Cell _____

1.7 No. of Agricultural Extension Staffs (Agronomist, Cooperative, and other related officers):

- District _____

- Sector _____

- Cell _____

1.8 No. of RAB Staffs: _____

1.9 No. of NAEB Staffs: _____

1.10 No. of Horticulture Cooperatives (Vegetable): _____

2. Motivation

2.1 Do you want to implement SMAP approach in your district? *** Yes No

2.3 District Staff Motivation ***

1) Please gauge the motivational level of your extension staff in terms of working with smallholder horticulture farmers using limited resources? *** High Medium Low

2) Please gauge the willingness of extension staff to learn and apply new ideas and/or approaches? *** High Medium Low

2.4 Is the District Office willing to provide office space to SMAP team in order to efficiently carry out the project activity? *** Yes No

2.5 Is the District Office willing to conclude Minutes of Understanding (MoU) among the District Office, RAB, NAEB and SMAP Project Team to agree human resources and budgetary allocation for the next year's SMAP activities? *** Yes No

2.6 Is the District Office willing to include the SMAP project Yes No activity into the "District Performance Contract" from the 2nd project year? ***

2.7 Please identify 3 major challenges under the following sections. *

1) Horticulture Crop Production

2) Marketing

2.8 Agricultural Projects/Programs in the District: in the table below, please indicate major projects/programs for the last 5 years. *

Name of Project/ Programs	Main Activities	Donor	Target Group	Number of T. Groups	Date of Completion

3. Resource Availability and Mobilization

3.1 Extension Staffs: in the table below, please provide information on numbers of farm families and extension staff at divisional and location levels. **

Name of Sector	No. Farmer Households	No. Sector Agronomists	No. Coop Officers	No. Farmer Promoters	No. Farmer Facilitators

3.2 Availability of Functional Office Equipment in District Office**

Type of Equipment	Number	Condition
PC (Desktop & Laptop)		
Printer		
Photocopy		
Projector		
Other:		
Other:		
Other:		

3.3 Vehicle and Motorcycle Availability **

Please indicate the number of vehicles and motorcycles which are utilized by extension activities in good condition.

- 1) Number of motor vehicles in good condition in the district. _____
- 2) Number of motor vehicles in good condition in the sectors. _____
- 3) Number of motorcycles in good condition in the district. _____
- 4) Number of motorcycles in good condition in the sectors. _____

4. Geographic Conditions

4.1 Climatic Conditions

- 1) Rainfall: please provide information in the table below. *

Mean Annual Rainfall in last 5 Years (mm)				
2010	2011	2012	2013	2014

Source of Data: _____

- 2) Temperature (Calculus) (2014): please provide information in the table below. *

Month	Maximum	Minimum	Diurnal Temperature
January			
February			
March			
April			
May			
Jun			
July			
August			
September			
October			
November			
December			

Source of Data: _____

4.2 Resource of Water

- 1) What is the main source of water for irrigation in the district? Permanent River Lake Spring Dam Water pan

2) Comment on suitability of water for irrigation from the main source.

4.3 Information of Main Roads in District **

Name of Road	Connecting From To	Status	Condition	Connecting Main Market
	~	<input type="checkbox"/> Turmeric <input type="checkbox"/> Earth	<input type="checkbox"/> Good <input type="checkbox"/> Medium <input type="checkbox"/> Poor	
	~	<input type="checkbox"/> Turmeric <input type="checkbox"/> Earth	<input type="checkbox"/> Good <input type="checkbox"/> Medium <input type="checkbox"/> Poor	
	~	<input type="checkbox"/> Turmeric <input type="checkbox"/> Earth	<input type="checkbox"/> Good <input type="checkbox"/> Medium <input type="checkbox"/> Poor	
	~	<input type="checkbox"/> Turmeric <input type="checkbox"/> Earth	<input type="checkbox"/> Good <input type="checkbox"/> Medium <input type="checkbox"/> Poor	
	~	<input type="checkbox"/> Turmeric <input type="checkbox"/> Earth	<input type="checkbox"/> Good <input type="checkbox"/> Medium <input type="checkbox"/> Poor	
	~	<input type="checkbox"/> Turmeric <input type="checkbox"/> Earth	<input type="checkbox"/> Good <input type="checkbox"/> Medium <input type="checkbox"/> Poor	

4.4 Repair and maintenance of unclassified roads: involvement of community and stakeholders.

1) Are community members willing to participate by providing labor and resources in road repair and maintenance? ** Yes No

2) Are there stakeholders willing to support community to repair and maintain rural access and farm roads? ** Yes No

3) List the major stakeholders who would be willing to support road repairs.

5. Socio-Economic Conditions

5.1 List of Major Market in District **

Name of Market	Sector	Scale		
		<input type="checkbox"/> Provincial	<input type="checkbox"/> District	<input type="checkbox"/> Sector
		<input type="checkbox"/> Provincial	<input type="checkbox"/> District	<input type="checkbox"/> Sector
		<input type="checkbox"/> Provincial	<input type="checkbox"/> District	<input type="checkbox"/> Sector
		<input type="checkbox"/> Provincial	<input type="checkbox"/> District	<input type="checkbox"/> Sector
		<input type="checkbox"/> Provincial	<input type="checkbox"/> District	<input type="checkbox"/> Sector
		<input type="checkbox"/> Provincial	<input type="checkbox"/> District	<input type="checkbox"/> Sector
		<input type="checkbox"/> Provincial	<input type="checkbox"/> District	<input type="checkbox"/> Sector
		<input type="checkbox"/> Provincial	<input type="checkbox"/> District	<input type="checkbox"/> Sector
		<input type="checkbox"/> Provincial	<input type="checkbox"/> District	<input type="checkbox"/> Sector
		<input type="checkbox"/> Provincial	<input type="checkbox"/> District	<input type="checkbox"/> Sector

5.2 Markets and Market Infrastructure *

1) Names of nearest wholesale markets in your district. *

2) Names of main exporters operating in your district. *

3) Names of horticulture processors operating in your district. *

4) Names of cooling facilities/produce collection centers (public & private) in your district. *

5.3 What are the major crops in the district? Where those crops are transported and consumed? (within district, outside of district, Kigali, etc.)

5.4 Farm Input Suppliers **

Adequate Moderately Adequate

Does the district have adequate farm input suppliers providing horticulture inputs? Not Adequate

5.5 Involvement of Cooperatives in Horticulture Production

1) Are there cooperatives involved in group production for export market? Yes No

2) Are there cooperatives involved in group production for domestic market? Yes No

3) Are there cooperatives involved in contract farming? Yes No

5.6 Farm Labor

1) Who is the main provider of farm labor Family labor Hired labor

2) How is the level of dependence on labor hired High Medium Low
from outside the district?

6. Additional Information to be submitted

Please submit 1) List of Horticulture Cooperatives in the district with detail information, and 2) Topographic map of the district with this application form.

Name of District Agricultural Officer: _____

Signature : _____

Name of Mayor: _____

Signature : _____

Date : _____

Stamp : _____

General Concept of the SMAP

SMAP is one of the MINAGRI's Project supported by Japan International Cooperation Agency (JICA). The main implementers of the Project are Rwanda Agriculture Board (RAB), National Agricultural Export Development Board (NAEB) and District/ Sector office. The Project aims at increasing profit in horticulture and rice production in the all four provinces (Eastern, Southern, Northern, and Western) in Rwanda through technical assistance. In horticulture component, technical assistance is mainly composed of participatory market survey, action plan & problem analysis, matching meeting with stakeholders in horticulture sector and implementation of technical training. **In the training, the Project provides target cooperatives with many useful and effective techniques which are mainly based on farmers' needs and market requirements.** The former project of SMAP, named PiCROPP, was implemented in Bugesera and Ngoma districts in Eastern province from 2011 to 2013, and 35 horticulture cooperatives were supported. The target farmers of PiCROPP have significantly increased their profit through enhancing their knowledge and techniques.

Purpose of the Proposal

The purpose of the proposal is to evaluate cooperative's willingness to participate in the Project in terms of organizational capacity daily operation and management of demonstration and training farm, appropriateness and eligibility to be assisted by the Project and willingness of the sector agronomist to assist the cooperative. As a result of the evaluation, target cooperatives to be assisted will be rated and selected by the district agronomists. **This proposal is to be prepared by the cooperatives with assistance of concerned sector agronomist. Cooperatives and sector agronomist are requested to tick or fill in the following items and submit this proposal to the district agronomist.**

Proposal Form (All items to be filled in)

1. General Information of the Cooperative

1.1	Name of the Cooperative:	_____	
1.2	Location	_____	
	- Cell:	_____	
	- Sector:	_____	
	- District:	_____	
1.3	Month and Year of Establishment:	Month: _____	Year: _____
1.4	Name of the President (Tel. Number):	(Tel: _____)	
		Elected Year, if selected by Election: _____	
1.5	Crop Produced by Cooperative:	(List all crop) _____	
1.6	Main Crop Produced by Cooperative:	1 st Major Crop: _____	
		2 nd Major Crop: _____	
		3 rd Major Crop: _____	
1.7	Size of the Cooperative's Farm Land: (Do NOT include individual farmland)	(a) _____	
1.8	Status of the Cooperative's Farm Land: (Multiple answers are accepted.)	<input type="checkbox"/> Owned by the Cooperative	
		<input type="checkbox"/> Land Lease from the Government	
		<input type="checkbox"/> Land Lease	
1.9	Management of Cooperative's Farm Land:	<input type="checkbox"/> Managed by "Cooperative"	
		<input type="checkbox"/> Managed Individually	
		<input type="checkbox"/> Other (Specify: _____)	
1.10	Distance of Farm Land from Sector Office:	(km) _____	
1.11	Availability of Water Source in dry Season:	<input type="checkbox"/> Yes	<input type="checkbox"/> No

(If 1.11 is Yes) What is water source?:	<input type="checkbox"/> Stream	<input type="checkbox"/> Spring water	<input type="checkbox"/> Dam
	<input type="checkbox"/> Lake	<input type="checkbox"/> Farm Pond	<input type="checkbox"/> Shallow well
	<input type="checkbox"/> Other (_____)		
(If 1.11 is Yes) Is Water source Perennial?:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
(If 1.11 is Yes) Method of Watering:	<input type="checkbox"/> Watering can	<input type="checkbox"/> Treadle pump	
	<input type="checkbox"/> Motoring pump	<input type="checkbox"/> Gravity	
	<input type="checkbox"/> Other (_____)		
1.12 Current Business Activity: (Multiple answers are accepted.)	<input type="checkbox"/> Horticulture Production		
	<input type="checkbox"/> Cereal Production		
	<input type="checkbox"/> Animal Husbandry		
	<input type="checkbox"/> Collection and Selling of Product		
	<input type="checkbox"/> Small Credit		
	<input type="checkbox"/> Mass Procurement and Distribution of Farm Input		
	<input type="checkbox"/> Processing		
	<input type="checkbox"/> Other (Specify: _____)		
	<input type="checkbox"/> Other (Specify: _____)		
	<input type="checkbox"/> Other (Specify: _____)		
1.13 Current Horticulture Activity: (Multiple answers are accepted.)	<input type="checkbox"/> Individual Farm Work		
	<input type="checkbox"/> Collective Farm Work		
	<input type="checkbox"/> Individual Selling of Production		
	<input type="checkbox"/> Collective Selling of Production as Cooperative		
	<input type="checkbox"/> Individual Purchase of Agriculture Inputs		
	<input type="checkbox"/> Collective Purchase of Agricultural Inputs as Cooperative		
	<input type="checkbox"/> Marketing Survey		
	<input type="checkbox"/> Other (Specify: _____)		
	<input type="checkbox"/> Other (Specify: _____)		
1.14 Number of Total Member:	Total:		(persons)
	Male:		(persons)
	Female:		(persons)
Age Group of the Member	20's:	person, 30's:	person,
	40's:	person, Above 50's:	person
1.15 Number of Board Member:	Total:	(persons), (M:	F: _____)
1.16 Name of Committee and the Number of Member per Committee:	Name of Committee:		
	Total No.:	(persons),(M:	F: _____)
	Name of Committee:		
	Total No.:	(persons),(M:	F: _____)
	Name of Committee:		
	Total No.:	(persons),(M:	F: _____)
1.17 Annual Contribution:			(RWF / person)
1.18 Annual Contribution Collection Rate:			(%)
1.19 Registration to RCA:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> On process
1.20 Owned Facility: (Multiple answers accepted.)	<input type="checkbox"/> Office		
	<input type="checkbox"/> Storage		
	<input type="checkbox"/> Other (Specify: _____)		
	<input type="checkbox"/> Other (Specify: _____)		
1.21 Frequency of General Assembly Meeting:			(times / year)
- Average Attending Rate of Member:			(% of total member)

1.22 Date of the Last General Assembly	Date:	Month:	Year:
1.23 Agenda of the Last General Assembly	⇒		
	⇒		
	⇒		
1.24 Frequency of Board Member Meeting:		(times / year)	
	Date of the Last Board Member Meeting:		
1.25 Frequency of Auditing:		(times / year)	
	Date of the Last Auditing:		
1.26 List Down Any Support by the Government or Foreign Donors for the Past 3 Years, if Any:	<input type="checkbox"/> Yes		
	1) Name of Those Who Supported: _____		
	Contents of the Support: _____		
	2) Name of Those who Supported: _____		
	Contents of the Support: _____		
	3) Name of Those Who Supported: _____		
	Contents of the Support: _____		
	<input type="checkbox"/> No		
1.27 Income for the Last Season (May to October 2014):		(RWF / season)	
1.28 Major Markets for Selling Product:			
1.29 Opening Bank Account	<input type="checkbox"/> Yes (Name of bank: _____)		
	<input type="checkbox"/> No		

2. Willingness of the Cooperative to participate in the Project

2.1 Do all members of the cooperatives agree with the assistance by SMAP?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
2.2 Do the cooperatives agree with the Project concept of SMAP?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
2.3 Is the cooperative willing to devote a farm field for demonstration farm? (Size of the demonstration farm is about 3-4 a.)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
2.4 Is the cooperative willing to devote time and manpower to the daily operation and management of demonstration farm?	<input type="checkbox"/> Yes	<input type="checkbox"/> No

3. Requirement of Technical Support

3.1 List down problems and constraints which cooperative faces in the area of horticulture cultivation, marketing, and cooperative management, if any.	
3.2 List down assistances which the cooperative is expecting from SMAP, and Why.	

4. Willingness of the Sector Agronomist to assist the Cooperative

4.1 Is the sector agronomist willing to support NAEB and RAB in the horticulture marketing and production trainings?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
4.2 Is the sector agronomist willing to provide training for organizational development of the cooperative using materials prepared by the Project?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
4.3 Is the sector agronomist willing to do periodical monitoring for the technology transfer to the cooperative members and other farmers in and out of the cooperatives?	<input type="checkbox"/> Yes	<input type="checkbox"/> No

5. Signature of the President of the Cooperative and the Sector Agronomist

Signature of Cooperative President:

Name:

Date:

Signature of Sector Agronomist:

Name:

Date:

Signature of Sector Cooperative Development Officer:

Name:

Date:

Annex IX.II Rice Cultivation

Annex IX.II.I Target Cooperative List for Rice Cultivation

1. Rwamagana District

Project year/ FY	Direct/ Indirect	Cooperative Name	Location		No. Members		
			Cell	Sector	Male	Female	Total
1 st / 2014/15	Direct	Cocuricyi	Nkungu	Munyaga	198	70	268
2 nd / 2015/16	1 st Indirect	Cocuriga	Nawe	Kigabiro	126	90	216
2 nd / 2015/16	1 st Indirect	Cocuribu	Sibagire	Rubona	106	23	129
3 rd / 2016/17	2 nd Indirect	Coricya	Sovu	Kigabiro	315	170	485
4 th / 2017/18	3 rd Indirect	Ejo Heza	Nyarukombe	Muyumbu	240	232	472
5 th / 2018/19	4 th Indirect	Cocurimu	Bwinsanga	Gishari	84	35	119

2. Kirehe District

Project year/ FY	Direct/ Indirect	Cooperative Name	Location		No. Members		
			Cell	Sector	Male	Female	Total
1 st / 2014/15	Direct	Mushikiri	Bisagara	Mushikiri	518	196	714
2 nd / 2015/16	1 st Indirect	Mushikiri (Continued)	Bisagara	Mushikiri	518	196	714
2 nd / 2015/16	1 st Indirect	Corimu	Nganda, Kabuga	Musaza	376	104	480
3 rd / 2016/17	2 nd Indirect	Isabane Coop	Nyabitasre	Nyagrubuye	225	175	400
4 th / 2017/18	3 rd Indirect	Kijumbura Rice Growers Coop.	Butezi	Gahara	82	68	150
5 th / 2018/19	4 th Indirect	Dukore Kinoni 1	Kiremera	Kigarama	103	97	200

3. Kayonza District

Project year/ FY	Direct/ Indirect	Cooperative Name	Location		No. Members		
			Cell	Sector	Male	Female	Total
2 nd / 2015/16	Direct	Cocurivamu	Rugendabari	Mukarange	129	53	182
3 rd / 2016/17	1 st Indirect	Cocuriru	Umubuga	Ruramira	172	42	214
4 th / 2017/18	2 nd Indirect	Cocurika	Kirehe	Kabare	340	312	652
5 th / 2018/19	3 rd Indirect	Cocurika	Kirehe	Kabare	340	312	652

4. Huye District

Project year/ FY	Direct/ Indirect	Cooperative Name	Location		No. Members		
			Cell	Sector	Male	Female	Total
3 rd / 2016/17	Direct	Jyambere Muhinzi wa Huye	Rukira	Huye	190	225	415
4 th / 2017/18	1 st Indirect	Twongera Musaruro	Mutunda	Mbazi	439	622	1,061
5 th / 2018/19	2 nd Indirect	Ubumwe Tumbau	Cyarwa	Tumba	232	237	469

5. Gisagara District

Project year/ FY	Direct/ Indirect	Cooperative Name	Location		No. Members		
			Cell	Sector	Male	Female	Total
3 rd / 2016/17	Direct	Cooprroz Ngiryi	Bukinyanya	Musha	422	393	815
4 th / 2017/18	1 st Indirect	Garukurebe Akaboti	Akaboti	Kansi	189	228	417
5 th / 2018/19	2 nd Indirect	Koabinya	Duwani	Kibirizi	200	320	520

6. Ruhango District

Project year/ FY	Direct/ Indirect	Cooperative Name	Location		No. Members		
			Cell	Sector	Male	Female	Total
4 th / 2017/18	Direct	Cotemunyaruru	Nyamagana	Ruhango	280	141	421
5 th / 2018/19	1 st Indirect	Coriki	Rukina	Kinihira	245	367	612

Annex IX.II.II Rice Cultivation Activities for the Cooperatives

1. First Year (January to December 2015)					
(1) Kick-off Workshop					
Purpose	Making agreement of training framework among the stakeholders concerned for project implementation				
Date, Time, Venue, Coop, Participants	9 th Jan 2015 8:00 - 13:30	Rwamagana District Munyaga Sector Office	Cocurivamu Coop	Total: 52 District: 0 Sector: 2 RAB: 1 Cooperative: 49 (M:38, F:11)	
	10 th Jan 2015 8:00 - 13:30	Kirehe District Mushikiri Sector Office	MRGC	Total: 48 District: 0 Sector: 2 RAB: 0 Cooperative: 46 (M:41, F:5)	
Agenda and Agreed Items	<p>(1) Presentation on SMAP activities by Project Team and discussion</p> <ul style="list-style-type: none"> · Introduction of SMAP activities · Explanation on the framework of SMAP rice training program · Explanation on the contents of FFS · Explanation on role of each stakeholders · Discussion about management method of the materials provided by SMAP · Discussion about management method of the demonstration training farm <p>(2) Explanation of outline of Group Empowerment Level (GEL) by Project Team</p> <p>(3) Baseline survey on rice production by each participant in the 2015 A and 2015 B season (Only in Cocurivamu cooperative)</p> <p>(4) Survey on challenges about water management and needs on water management training (Only in Cocurivamu cooperative)</p> <p>(5) Overall discussion</p>				
(2) FFS-1					
Subject	a) Life cycle of rice plant, b) Seed selection via water and disinfection, c) Preparation of nursery bed, d) Seed rate and sowing density, e) Management of nursery bed, f) Soil improvement by using rice straw (Verification survey has been done in the both DT-F during the 2017 A season), g) Improvement of drainage condition by installing sorghum stems as simple filter (Verification survey has been done in the DT-F in MRGC during the 2017 A season)				
Date, Time, Coop, Participants	2015B Season	19 th Jan 2015 8:00 - 13:00	Rwamagana District Munyaga Sector	Cocuricyi Coop	Total: 53 District: 0 Sector: 1 RAB: 1 Cooperative: 51 (M:39, F:12)
		20 th Jan 2015 8:00 - 13:00	Kirehe District Mushikiri Sector	MRGC	Total: 59 District: 1 Sector: 1 RAB: 1 Cooperative: 56 (M:47, F:9)
	2016A Season	30 th Jun 2015 8:00 - 13:00	Rwamagana District Munyaga Sector	Cocuricyi Coop	Total: 55 District: 1 Sector: 1 RAB: 0 Cooperative: 53 (M:41, F:12)
		9 th Jul 2015 8:00 - 13:00	Kirehe District Mushikiri Sector	MRGC	Total: 58 District: 0 Sector: 1 RAB: 1 Cooperative: 56 (M:48, F:8)

(3) FFS-2					
Subject		a) Proper seedling age for transplanting, b) Proper transplanting density, c) Proper number of seedlings/hill, d) Preparation of transplanting guide rope, e.) Puddling and leveling work, f) Transplanting and water management, g) Basal dressing, h) Water management along to growth stage, i) Improvement of ill-drained paddy field			
Date, Time, Coop, Participants	2015B Season	11 th Feb 2015 8:00 - 13:30	Rwamagana District Munyaga Sector	Cocuricyi Coop	Total: 58 District: 1 Sector: 0 RAB: 1 Cooperative: 56 (M:43, F:13)
		12 th Feb 2015 8:00 - 13:30	Kirehe District Mushikiri Sector	MRGC	Total: 61 District: 2 Sector: 1 RAB: 1 Cooperative: 57 (M:46, F:11)
	2016A Season	24 th Jul 2015 8:00 - 13:30	Rwamagana District Munyaga Sector	Cocuricyi Coop	Total: 54 District: 0 Sector: 1 RAB: 0 Cooperative: 53 (M:41, F:12)
		31 st Jul 2015 8:00 - 13:30	Kirehe District Mushikiri Sector	MRGC	Total: 58 District: 1 Sector: 1 RAB: 0 Cooperative: 56 (M:48, F:8)
(4) FFS-3					
Subject		a) Application time and amount of urea as topdressing, b) Pest and disease control, c) Importance of roguing of off type, d) Weeding by rotary weeder, e) Mitigation of horizontal percolation by coating soil band			
Date, Time, Coop, Participants	2015B Season	11 th Mar 2015 8:00 - 13:30	Rwamagana District Munyaga Sector	Cocuricyi Coop	Total: 53 District: 0 Sector: 1 RAB: 1 Cooperative: 51 (M:39, F:12)
		12 th Mar 2015 8:00 - 13:30	Kirehe District Mushikiri Sector	MRGC	Total: 61 District: 1 Sector: 1 RAB: 1 Cooperative: 58 (M:49, F:9)
	2016A Season	21 st Aug 2015 8:00 - 13:30	Rwamagana District Munyaga Sector	Cocuricyi Coop	Total: 51 District: 0 Sector: 1 RAB: 1 Cooperative: 49 (M:38, F:11)
		28 th Aug 2015 8:00 - 13:30	Kirehe District Mushikiri Sector	MRGC	Total: 61 District: 1 Sector: 1 RAB: 1 Cooperative: 58 (M:48, F:10)
(5) FFS-4					
Subject		a) Importance of timely harvest in terms of paddy quality, b) Judgment of timely harvest, c) Reaping of rice plant by sickle, d) Threshing work by 2 types of threshing devices and its evaluation, e) Winnowing practice, f) Sun-drying method of paddy, g) Bagging and proper storage method, h) Yield evaluation			
Date, Time, Coop, Participants	2015B Season	16 th Jun 2015 8:00 - 13:30	Rwamagana District Munyaga Sector	Cocuricyi Coop	Total: 52 District: 0 Sector: 1 RAB: 1 Cooperative: 50 (M:36, F:14)
		29 th Jun 2015 8:00 - 13:30	Kirehe District Mushikiri Sector	MRGC	Total: 54 District: 0 Sector: 1 RAB: 1 Cooperative: 52 (M:42, F:10)
	2016A Season	17 th Dec 2015	Rwamagana District	Cocuricyi Coop	Total: 55

		8:00 - 13:30	District Munyaga Sector		District: 0 Sector: 1 RAB: 2 Cooperative: 52 (M:39, F:13)
		6 th Jan 2016 8:00 - 13:30	Kirehe District Mushikiri Sector	MRGC	Total: 55 District: 0 Sector: 1 RAB: 1 Cooperative: 53 (M:44, F:9)
(6) Coop Management/ Gender Training					
Subject	1) Gender, 2) Family Budgeting, 3) Cooperative, 4) Leadership, 5) Record Management, 6) Book Keeping				
Date, Time, Coop, Participants	2015B Season	26 th to 28 th Feb 2015 8:00 - 16:30	Rwamagana District Avega Guesthouse	Cocuricyi Coop (together with the horticulture target cooperative)	Total: 36 District/ Sector: 9 RAB: 1 NAEB: 2 Cooperative: 26 (M:14, F:10)
		4 th to 6 th Mar 2015 8:00 - 16:30	Kirehe District Kirehe Guest House	MRGC (together with the horticulture target cooperative)	Total: 40 District/ Sector: 15 NAEB: 1 Cooperative: 24 (M:12, F:12)
(7) Water Management Training					
Subject	a) Role of WUO and ideal relationship between coop and WUO, b) Flow of WUO establishment, c) Understanding of irrigation system and importance of maintenance of irrigation facilities, d) Maintenance of simple division weir, e) Appropriate plot demarcation by making soil bands for easy leveling and water management, f) Importance of soil band coating, g) Practical training on installation of simple division weirs made of eucalyptus logs and soil bags				
Date, Time, Coop, Participants	2015B Season	17 th Mar 2015 8:00 - 13:30	Rwamagana District Munyaga Sector	Cocuricyi Coop	Total: 30 District: 0 Sector: 2 RAB: 1 Cooperative: 27 (M:24, F:3)
		18 th Mar 2015 8:00 - 13:30	Kirehe District Mushikiri Sector	MRGC	Total: 40 District: 1 Sector: 3 RAB: 1 Cooperative: 35 (M:27, F:8)
	2016A Season	11 th Aug 2015 8:00 - 13:30	Rwamagana District Munyaga Sector	Cocuricyi Coop	Total: 40 District: 0 Sector: 2 RAB: 2 Cooperative: 36 (M:32, F:4)
		12 th Aug 2015 8:00 - 13:30	Kirehe District Mushikiri Sector	MRGC	Total: 36 District: 0 Sector: 2 RAB: 2 Cooperative: 32 (M:25, F:7)
(8) Study Tour					
Destination and Purpose	<u>Destination</u> Destination: Corinyaburiba Coop / Bugesera District, Target coop by PiCROPP <u>Purpose</u> a) Field inspection on practice of rice cultivation technique, b) Sharing experience on management of coop and WUO, c) Sharing experience on how to maintain their yield level and continue to farmer to farmer extension after completion of PiCROPP, d) Understanding of how coop cooperates to manage irrigation facilities together with WUO				
Date, Time, Coop, Participants		24 th Aug 2015 6:00 - 18:00	Rwamagana District Munyaga Sector	Cocuricyi Coop	Total: 33 District: 0 Sector: 1 RAB: 0 Cooperative: 32 (M:27, F:5)
		26 th Aug 2015 6:00 - 18:00	Kirehe District Mushikiri Sector	MRGC	Total: 33 District: 0 Sector: 1 RAB: 0 Cooperative: 32 (M:26, F:6)
(9) Mid-term Evaluation Workshop					
Date, Time,	28 th Jul 2015	Rwamagana	Cocuricyi Coop	Total: 57	

Coop, Participants	8:00 - 16:30	District Avega Guesthouse		District: 0 Sector: 1 RAB: 0 Cooperative: 56 (M:42, F:14)
	29 th Jul 2015 8:00 - 16:30	Kirehe District Kirehe Guest House	MRGC	Total: 67 District: 0 Sector: 2 RAB: 0 Cooperative: 65 (M:55, F:10)
Agenda and Agreed Items	(1) Presentation on review of the 1 st cycle of rice training program and sampling result of the target cooperative (2) Group Work: Constraints on rice cultivation and water management, Action taken to improve the constraints, and Action plan for yield improvement in the 2017A season (3) Review of the 1 st cycle of rice training program by the officer from RAB Eastern Zone (4) Presentation on situation of application of SMAP techniques by cooperative members, farmer to farmer extension, and changes compared to before SMAP training (5) Survey on paddy production in the 2016B season using questionnaire (6) Survey on action taken and changes after the water management training using questionnaire (7) Review on coop internal training to their members on cooperative management and gender (a. challenges and countermeasures, b. discussion on GEL result and way forward, c. impact/changes in cooperative in terms of organization, management and gender, d. way forward) (8) Overall discussion: Way forward to improve yield			
(10) Terminal Evaluation Workshop				
Date, Time, Coop, Participants	12 th Feb 2016 8:00 - 16:30	Rwamagana District Avega Guesthouse	Cocuricyi Coop	Total: 55 District: 0 Sector: 1 RAB: 1 Cooperative: 53 (M:42, F:11)
	23 rd Mar 2016 8:00 - 16:30	Kirehe District Kirehe Guest House	MRGC	Total: 70 District: 1 Sector: 1 RAB: 1 Cooperative: 67 (M:57, F:10)
Agenda and Agreed Items	(1) Presentation on review of the rice training program and sampling result of the target cooperative (2) Group Work: Constraints on rice cultivation and water management, Action taken to improve the constraints, and Action plan for yield improvement (3) Review of the rice training program by the officer from RAB Eastern Zone (4) Presentation on situation of application of SMAP techniques by cooperative members, farmer to farmer extension, and changes compared to before SMAP training (5) Survey on paddy production in the 2017A season using questionnaire (6) Survey on action taken and changes after the water management training using questionnaire (7) Review on coop internal training to their members on cooperative management and gender (a. challenges and countermeasures, b. discussion on GEL result and way forward, c. impact/changes in cooperative in terms of organization, management and gender, d. way forward) (8) Overall discussion: Way forward to improve yield			
2. Second Year (January to December 2016)				
(1) Kick-off Workshop				
Purpose	Same as the first year			
Date, Time, Venue, Coop, Participants	15 th Jan 2016 9:00 - 15:00	Kyonza District Midland Motel	Cocurivamu Coop	Total: 54 District: 1 Sector: 2 RAB: 1 Cooperative: 50 (M:25, F:15)
	19 th Jan 2016 9:00 - 12:30	Kirehe District Mushikiri Sector Office	MRGC	Total: 68 District: 1 Sector: 3 RAB: 0 Cooperative: 64 (M:55, F:9)
Agenda and Agreed Items	Same as the first year			

(2) FFS-1					
Subject		Same as the first year			
Date, Time, Coop, Participants	2016B Season	26 th Jan 2016 8:00 - 13:00	Kayonza District Mukarengé Sector	Cocurivamu Coop	Total: 57 District: 0 Sector: 3 RAB: 0 Cooperative: 54 (M:39, F:15)
		27 th Jan 2016 8:00 - 13:30	Kirehe District Mushikiri Sector	MRGC	Total: 72 District: 2 Sector: 7 RAB: 0 Cooperative: 63 (M:44, F:19)
	2017A Season	14 th Jul 2016 8:00 - 13:00	Kayonza District Mukarengé Sector	Cocurivamu Coop	Total: 60 District: 1 Sector: 5 RAB: 0 Cooperative: 54 (M:40, F:14)
		15 th Jul 2016 8:00 - 13:30	Kirehe District Mushikiri Sector	MRGC	Total: 77 District: 0 Sector: 5 RAB: 1 Cooperative: 71 (M:52, F:21)
(3) FFS-2					
Subject		Same as the first year			
Date, Time, Coop, Participants	2016B Season	18 th Feb 2016 8:00 - 13:30	Kayonza District Mukarengé Sector	Cocurivamu Coop	Total: 59 District: 1 Sector: 4 RAB: 0 Cooperative: 54 (M:40, F:14)
		19 th Feb 2016 8:00 - 13:30	Kirehe District Mushikiri Sector	MRGC	Total: 74 District: 1 Sector: 5 RAB: 2 Cooperative: 66 (M:48, F:18)
	2017A Season	9 th Aug 2016 8:00 - 14:00	Kayonza District Mukarengé Sector	Cocurivamu Coop	Total: 65 District: 0 Sector: 3 RAB: 1 Cooperative: 61 (M:44, F:17)
		10 th Aug 2016 8:00 - 14:00	Kirehe District Mushikiri Sector	MRGC	Total: 78 District: 0 Sector: 4 RAB: 1 Cooperative: 73 (M:52, F:21)
(4) FFS-3					
Subject		Same as the first year			
Date, Time, Coop, Participants	2016B Season	17 th Mar 2016 8:00 - 13:30	Kayonza District Mukarengé Sector	Cocurivamu Coop	Total: 57 District: 0 Sector: 3 RAB: 1 Cooperative: 53 (M:39, F:14)
		18 th Mar 2016 8:00 - 13:30	Kirehe District Mushikiri Sector	MRGC	Total: 75 District: 1 Sector: 4 RAB: 2 Cooperative: 68 (M:48, F:20)
	2017A Season	8 th Sep 2016 8:00 - 13:30	Kayonza District Mukarengé Sector	Cocurivamu Coop	Total: 61 District: 0 Sector: 1 RAB: 1 Cooperative: 59 (M:44, F:15)
		9 th Sep 2016 8:00 - 13:30	Kirehe District Mushikiri	MRGC	Total: 75 District: 0 Sector: 6 RAB: 1

			Sector		Cooperative: 68 (M:47, F:21)
(5) FFS-4					
Subject	Same as the first year				
Date, Time, Coop, Participants	2016B Season	17 th Jun 2016 8:00 - 13:30	Kayonza District Mukarengé Sector	Cocurivamu Coop	Total: 52 District: 0 Sector: 1 RAB: 1 Cooperative: 50 (M:46, F:14)
		28 th Jun 2016 8:00 - 14:00	Kirehe District Mushikiri Sector	MRGC	Total: 62 District: 0 Sector: 0 RAB: 1 Cooperative: 61 (M:45, F:16)
	2017A Season	28 th Dec 2016 8:00 - 14:00	Kayonza District Mukarengé Sector	Cocurivamu Coop	Total: 66 District: 1 Sector: 6 RAB: 1 Cooperative: 58 (M:44, F:14)
		29 th Dec 2016 8:00 - 14:00	Kirehe District Mushikiri Sector	MRGC	Total: 78 District: 1 Sector: 5 RAB: 1 Cooperative: 71 (M:48, F:23)
(6) Coop Management/ Gender Training					
Subject	Same as the first year				
Date, Time, Coop, Participants	2016B Season	24 th to 26 th Feb 2016 8:00 - 16:30	Kayonza District Mukarengé Sector	Cocurivamu Coop	Total: 46 District/ Sector: 6 Cooperative: 40 (M:25, F:15)
		8 th to 7 th Jun 2016 8:00 - 13:00	Kirehe District Mushikiri Sector	MRGC* *For newly elected zones/ associations leaders	Total: 54 District/ Sector: 3 Cooperative: 51 (M:36, F:15)
	2017A Season	11 th to 12 th Aug 2016 8:00 - 13:00	Kirehe District Mushikiri Sector	MRGC** **For newly elected Board/ Supervisors, new zones/ associations leaders	Total: 19 District / Sector: 2 Cooperative: 15 (M:11, F:4)
(7) Water Management Training					
Subject	Same as the first year				
Date, Time, Coop, Participants	2016B Season	10 th Mar 2016 8:00 - 13:30	Kayonza District Mukarengé Sector	Cocurivamu Coop	Total: 64 District: 0 Sector: 2 RAB: 2 Cooperative: 60 (M:46, F:14)
		11 th Mar 2016 8:00 - 13:00	Kirehe District Mushikiri Sector	MRGC	Total: 52 District: 2 Sector: 5 RAB: 2 Cooperative: 43 (M:36, F:7)
	2017A Season	16 th Aug 2016 8:00 - 13:00	Kayonza District Mukarengé Sector	Cocurivamu Coop	Total: 70 District: 1 Sector: 5 RAB: 2 Cooperative: 62 (M:44, F:18)
		17 th Aug 2016 8:00 - 13:30	Kirehe District Mushikiri Sector	MRGC	Total: 68 District: 0 Sector: 4 RAB: 2 Cooperative: 62 (M:49, F:13)
(8) Study Tour					
Destination and Purpose	Cocurivamu Coop Destination: Corinyaburiba Coop / Bugesera District, Target coop by PiCROPP				

	<u>MRGC Coop</u> Destination: Cocurigi Coop / Ngoma District, Satellite Coop by PiCROPP <u>Purpose</u> Same as the first year			
Date, Time, Coop, Participants	13 th May 2016 6:00 - 18:00	Kayonza District Mukarengé Sector	Cocurivamu Coop	Total: 34 District: 0 Sector: 1 RAB: 0 Cooperative: 33 (M:26, F:7)
	18 th May 2016 6:00 - 17:00	Kirehe District Mushikiri Sector	MRGC	Total: 34 District: 0 Sector: 1 RAB: 0 Cooperative: 33 (M:22, F:11)
(9) Mid-term Evaluation Workshop				
Date, Time, Coop, Participants	2 nd Aug 2016 8:00 - 16:30	Kayonza District Midland Motel	Cocurivamu Coop	Total: 49 District: 0 Sector: 0 RAB: 1 Cooperative: 48 (M:33, F:15)
	31 st Aug 2016 8:00 - 16:30	Kirehe District Kirehe Guest House	MRGC	Total: 87 District: 0 Sector: 5 RAB: 1 Cooperative: 81 (M:59, F:26)
Agenda and Agreed Items	Same as the first year			
(10) Terminal Evaluation Workshop				
Date, Time, Coop, Participants	10 th Feb 2017 8:00 - 16:30	Kayonza District Midland Motel	Cocurivamu Coop	Total: 54 District: 2 Sector: 4 RAB: 3 Cooperative: 45 (M:35, F:10)
	21 st Feb 2017 8:00 - 16:30	Kirehe District Kirehe Guest House	MRGC	Total: 95 District: 2 Sector: 7 RAB: 1 Cooperative: 85 (M:59, F:26)
Agenda and Agreed Items	Same as the first year			
3. Third Year (January to December 2017)				
(1) Kick-off Workshop				
Purpose	Same as the first year			
Date, Time, Venue, Coop, Participants	22 nd Dec 2016 9:00 - 15:00	Gisagara District Musha Sector Office	Coprroz Ngiriyi Coop	Total: 45 District: 0 Sector: 2 RAB: 1 Cooperative: 42 (M:36, F:6)
	21 st Dec 2016 9:00 - 12:30	Huye District Huye Sector Office	Jyambere Muhinzi wa Huye Coop	Total: 52 District: 1 Sector: 2 RAB: 1 Cooperative: 48 (M:26, F:22)
Agenda and Agreed Items	Same as the first year			

(2) FFS-1					
Subject		Same as the first year			
Date, Time, Coop, Participants	2017B Season	10 th Jan 2017 8:00 - 13:00	Gisagara District Musha Sector	Coprroz Ngiryi Coop	Total: 57 District: 1 Sector: 12 RAB: 1 Cooperative: 42 (M:38, F:4)
		11 th Jan 2017 8:00 - 13:00	Huye District Huye Sector	Jyambere Muhinzi wa Huye Coop	Total: 84 District: 1 Sector: 9 RAB: 1 Cooperative: 73 (M:43, F:30)
	2018A Season	29 th Jun 2017 8:00 - 13:00	Gisagara District Musha Sector	Coprroz Ngiryi Coop	Total: 73 District: 1 Sector: 13 RAB: 1 Cooperative: 58 (M:46, F:12)
		21 st Jul 2017 8:00 - 13:00	Huye District Huye Sector	Jyambere Muhinzi wa Huye Coop	Total: 93 District: 1 Sector: 14 RAB: 0 Cooperative: 78 (M:45, F:33)
(3) FFS-2					
Subject		Same as the first year			
Date, Time, Coop, Participants	2017B Season	2 nd Feb 2017 8:00 - 14:00	Gisagara District Musha Sector	Coprroz Ngiryi Coop	Total: 84 District: 1 Sector: 12 RAB: 1 Cooperative: 72 (M:55, F:17)
		8 th Feb 2017 8:00 - 14:00	Huye District Huye Sector	Jyambere Muhinzi wa Huye Coop	Total: 88 District: 0 Sector: 11 RAB: 1 Cooperative: 76 (M:47, F:29)
	2018A Season	20 th Jul 2017 8:00 - 14:00	Gisagara District Musha Sector	Coprroz Ngiryi Coop	Total: 68 District: 1 Sector: 13 RAB: 0 Cooperative: 54 (M:44, F:10)
		22 nd Aug 2017 8:00 - 14:00	Huye District Huye Sector	Jyambere Muhinzi wa Huye Coop	Total: 103 District: 1 Sector: 14 RAB: 1 Cooperative: 87 (M:49, F:38)
(4) FFS-3					
Subject		Same as the first year			
Date, Time, Coop, Participants	2017B Season	7 th Mar 2017 8:00 - 13:30	Gisagara District Musha Sector	Coprroz Ngiryi Coop	Total: 63 District: 1 Sector: 9 RAB: 1 Cooperative: 52 (M:44, F:8)
		9 th Mar 2016 8:00 - 13:30	Huye District Huye Sector	Jyambere Muhinzi wa Huye Coop	Total: 90 District: 0 Sector: 13 RAB: 1 Cooperative: 76 (M:39, F:37)
	2018A Season	17 th Aug 2017 8:00 - 13:30	Gisagara District Musha Sector	Coprroz Ngiryi Coop	Total: 61 District: 1 Sector: 13 RAB: 1 Cooperative: 51 (M:41, F:10)
		15 th Sep 2017 8:00 - 13:30	Huye District Huye	Jyambere Muhinzi wa Huye Coop	Total: 75 District: 0 Sector: 6 RAB: 1

			Sector		Cooperative: 68 (M:47, F:21)
(5) FFS-4					
Subject	Same as the first year				
Date, Time, Coop, Participants	2017B Season	13 th Jun 2017 8:00 - 13:30	Gisagara District Musha Sector	Coprroz Ngiryi Coop	Total: 63 District: 0 Sector: 13 RAB: 1 Cooperative: 49 (M:43, F:6)
		14 th Jul 2017 8:00 - 13:30	Huye District Huye Sector	Jyambere Muhinzi wa Huye Coop	Total: 97 District: 1 Sector: 14 RAB: 2 Cooperative: 80 (M:52, F:28)
(6) Coop Management/ Gender Training					
Subject	Same as the first year				
Date, Time, Coop, Participants	2017B Season	19 th - 20 th Jan and 16 th - 17 th Feb 2017	Gisagara District Musha Sector	Coprroz Ngiryi Coop	Total: 112 District:3 Sector:1 RAB:2 Cooperative: 106 (M:64, F:42)
		17 th - 18 th Jan and 14 th - 15 th Feb 2017	Huye District Huye Sector	Jyambere Muhinzi wa Huye Coop	Total: 71 District:3 Sector:1 RAB:2 Cooperative: 65 (M:33, F:32)
(7) Water Management Training					
Subject	Same as the first year				
Date, Time, Coop, Participants	2017B Season	26 th Jan 2017 8:00 - 13:30	Gisagara District Musha Sector	Coprroz Ngiryi Coop	Total: 86 District: 1 Sector: 12 RAB: 1 Cooperative: 72 (M:55, F:17)
		27 th Jan 2017 8:00 - 13:00	Huye District Huye Sector	Jyambere Muhinzi wa Huye Coop	Total: 97 District: 1 Sector: 14 RAB: 2 Cooperative: 80 (M:52, F:28)
	2018A Season	1 st Aug 2017 8:00 - 13:00	Gisagara District Musha Sector	Coprroz Ngiryi Coop	Total: 96 District: 0 Sector: 12 RAB: 2 Cooperative: 82 (M:61, F:21)
		2 nd Aug 2017 8:00 - 13:30	Huye District Huye Sector	Jyambere Muhinzi wa Huye Coop	Total: 106 District: 1 Sector: 14 RAB: 2 Cooperative: 89 (M:59, F:30)
(8) Study Tour					
Destination and Purpose	<u>Destination:</u> Corinyaburiba Coop / Bugesera District, Target coop by PiCROPP <u>Purpose:</u> Same as the first year				
Date, Time, Coop, Participants	3 rd to 4 th May 2017		Gisagara District Musha Sector	Coprroz Ngiryi Coop	Total: 34 District: 0 Sector: 1 RAB: 0 Cooperative: 33 (M:27, F:6)
	26 th to 27 th Apr 2017		Huye District Huye Sector	Jyambere Muhinzi wa Huye Coop	Total: 34 District: 0 Sector: 1 RAB: 0 Cooperative: 33 (M:16, F:17)
(9) Mid-term Evaluation Workshop					
Date, Time, Coop,	10 th Aug 2017 8:00 - 14:30	Gisagara District	Coprroz Ngiryi Coop	Total: 60 District: 2	

Participants		Office		Sector: 1 RAB: 1 Cooperative: 56 (M:46, F:10)	
	16 th Aug 2017 8:00 - 14:30	Huye District Motel du Huye	Jyambere Muhinzi wa Huye Coop	Total: 69 District: 0 Sector: 1 RAB: 1 Cooperative: 67 (M:31, F:36)	
Agenda and Agreed Items	Same as the first year				
4. Forth Year (January to December 2018)					
(1) Kick-off Workshop					
Purpose	Same as the first year				
Date, Time, Target Coop, Participants	19 th Dec 2018 9:00 - 15:00	Ruhango District Ruhango Sector	Cotemunyar Coop	Total: 47 (M:29, F:18) District: 2 (M:2, F:0) Sector: 1 (M:1, F:0) RAB: 1 (M:1, F:0) Cooperative: 42 (M:26, F:16) FFS Facilitator: 1 (M:0, F:1)	
Agenda and Agreed Items	Same as the first year				
(2) FFS-1					
Subject	Same as the first year				
Date, Time, Target Coop, Participants	2018B Season	27 th Dec 2017 8:00 - 13:30	Ruhango District Ruhango Sector	Cotemunyar Coop	Total: 64 (M:40, F:24) District: 0 Sector: 4 (M:0, F:4) RAB: 1 (M:1, F:0) Cooperative: 53 (M:35, F:18) FFS Facilitator: 6 (M:4, F:2)
		6 th Feb 2018 8:00 - 13:30	Huye District Huye Sector	Jyambere Muhinzi wa Huye Coop	Total: 81 (M:36, F:45) District: 1 (M:1, F:0) Sector: 1 (M:1, F:0) RAB: 2 (M:2, F:0) Cooperative: 64 (M:22, F:42) FFS Facilitator: 13 (M:10, F:3)
	2019A Season	27 th Jun 2018 8:00 - 13:30	Ruhango District Ruhango Sector	Cotemunyar Coop	Total: 67 (M:43, F:24) District: 0 Sector: 9 (M:5, F:4) RAB: 0 Cooperative: 48 (M:34, F:14) FFS Facilitator: 10 (M:4, F:6)
		17 th Jul 2018 8:00 - 13:30	Huye District Huye Sector	Jyambere Muhinzi wa Huye Coop	Total: 77 (M:33, F:44) District: 0 Sector: 1 (M:1, F:0) RAB: 3 (M:3, F:0) Cooperative: 66 (M:24, F:42) FFS Facilitator: 7 (M:5, F:2)
(3) FFS-2					
Subject	Same as the first year				
Date, Time, Target Coop, Participants	2018B Season	24 th Jan 2018 8:00 - 14:00	Ruhango District Ruhango Sector	Cotemunyar Coop	Total: 71 (M:45, F:26) District: 2 (M:2, F:0) Sector: 9 (M:4, F:5) RAB: 1 (M:1, F:0) Cooperative: 49 (M:34, F:15) FFS Facilitator: 10 (M:4, F:6)
		6 th Mar 2018 8:00 - 14:00	Huye District Huye Sector	Jyambere Muhinzi wa Huye Coop	Total: 83 (M:38, F:45) District: 1 (M:1, F:0) Sector: 1 (M:1, F:0) RAB: 2 (M:2, F:0) Cooperative: 65 (M:23, F:42) FFS Facilitator: 14 (M:11, F:3)
	2019A Season	25 th Jul 2018 8:00 - 14:00	Ruhango District Ruhango Sector	Cotemunyar Coop	Total: 72 (M:50, F:22) District: 1 (M:1, F:0) Sector: 9 (M:5, F:4) RAB: 3 (M:3, F:0)

					Cooperative: 49 (M:37, F:12) FFS Facilitator: 10 (M:4, F:6)
		14 th Aug 2018 8:00 - 14:00	Huye District Huye Sector	Jyambere Muhinzi wa Huye Coop	Total: 83 (M:35, F:48) District: 0 Sector: 1 (M:1, F:0) RAB: 3 (M:3, F:0) Cooperative: 68 (M:23, F:45) FFS Facilitator: 11 (M:8, F:3)
(4) FFS-3					
Subject	Same as the first year				
Date, Time, Target Coop, Participants	2018B Season	21 st Feb 2018 8:00 - 13:30	Ruhango District Ruhango Sector	Cotemunyaruru Coop	Total: 75 (M:51, F:24) District: 1 (M:1, F:0) Sector: 9 (M:5, F:4) RAB: 1 (M:1, F:0) Cooperative: 55 (M:39, F:16) FFS Facilitator: 9 (M:5, F:4)
		27 th Mar 2018 8:00 - 13:30	Huye District Huye Sector	Jyambere Muhinzi wa Huye Coop	Total: 85 (M:37, F:46) District: 0 Sector: 1 (M:1, F:0) RAB: 1 (M:1, F:0) Cooperative: 66 (M:25, F:41) FFS Facilitator: 17 (M:12, F:5)
	2019A Season	16 th Aug 2018 8:00 - 13:30	Ruhango District Ruhango Sector	Cotemunyaruru Coop	Total: 69 (M:47, F:22) District: 1 (M:1, F:0) Sector: 9 (M:5, F:4) RAB: 3 (M:3, F:0) Cooperative: 47 (M:34, F:13) FFS Facilitator: 9 (M:4, F:5)
		5 th Sep 2018 8:00 - 13:30	Huye District Huye Sector	Jyambere Muhinzi wa Huye Coop	Total: 84 (M:36, F:48) District: 0 Sector: 1 (M:1, F:0) RAB: 4 (M:4, F:0) Cooperative: 68 (M:22, F:46) FFS Facilitator: 11 (M:9, F:2)
	(5) FFS-4				
Subject	Same as the first year				
Date, Time, Target Coop, Participants	2018B Season	19 th Jun 2018 8:00 - 13:30	Ruhango District Ruhango Sector	Cotemunyaruru Coop	Total: 75 (M:48, F:27) District: 1 (M:1, F:0) Sector: 9 (M:5, F:4) RAB: 3 (M:3, F:0) Cooperative: 56 (M:36, F:20) FFS Facilitator: 6 (M:3, F:3)
		2 nd Aug 2018 8:00 - 13:30	Huye District Huye Sector	Jyambere Muhinzi wa Huye Coop	Total: 83 (M:37, F:46) District: 1 (M:1, F:0) Sector: 1 (M:1, F:0) RAB: 3 (M:3, F:0) Cooperative: 69 (M:26, F:43) FFS Facilitator: 9 (M:6, F:3)
	2019A Season	4 th Jan 2019 8:00 - 13:30	Ruhango District Ruhango Sector	Cotemunyaruru Coop	Total: 73 (M:51, F:22) District: 1 (M:1, F:0) Sector: 9 (M:5, F:4) RAB: 5 (M:5, F:0) Cooperative: 50 (M:36, F:14) FFS Facilitator: 8 (M:4, F:4)
		22 nd Jan 2019 8:00 - 13:30	Huye District Huye Sector	Jyambere Muhinzi wa Huye Coop	Total: 87 (M:38, F:49) District: 1 (M:1, F:0) Sector: 1 (M:1, F:0) RAB: 4 (M:4, F:0) Cooperative: 68 (M:24, F:44) FFS Facilitator: 13 (M:8, F:5)
(6) Coop Management/ Gender Training					

Subject	Same as the first year				
Date, Time, Target Coop, Participants	3 rd to 4 th Jan 2018 and 15 th to 16 th Jan 2018	Ruhango District Ruhango Sector	Cotemunyar Coop	Total: 92 (M:52, F:40) District: 0 Sector: 11 (M:6, F:5) RAB: 0 Cooperative: 81 (M:46, F:35) FFS Facilitator: 0	
(7) Water Management Training					
Subject	Same as the first year				
Date, Time, Target Coop, Participants	2018B Season	10 th Jan 2018 8:00 - 13:30	Ruhango District Ruhango Sector	Cotemunyar Coop	Total: 79 (M:58, F:21) District: 1 (M:1, F:0) Sector: 9 (M:5, F:4) RAB: 3 (M:3, F:0) Cooperative: 58 (M:45, F:13) FFS Facilitator: 8 (M:4, F:4)
		13 th Feb 2018 8:00 - 13:30	Huye District Huye Sector	Jyambere Muhinzi wa Huye Coop	Total: 74 (M:43, F:31) District: 0 Sector: 1 (M:1, F:0) RAB: 1 (M:1, F:0) Cooperative: 54 (M:26, F:18) FFS Facilitator: 18 (M:15, F:3)
	2019A Season	5 th Jul 2018 8:00 - 13:30	Ruhango District Ruhango Sector	Cotemunyar Coop	Total: 75 (M:53, F:22) District: 1 (M:1, F:0) Sector: 9 (M:5, F:4) RAB: 2 (M:2, F:0) Cooperative: 55 (M:42, F:13) FFS Facilitator: 8 (M:3, F:5)
		6 th Jul 2018 8:00 - 13:30	Huye District Huye Sector	Jyambere Muhinzi wa Huye Coop	Total: 58 (M:36, F:12) District: 0 Sector: 1 (M:1, F:0) RAB: 4 (M:4, F:0) Cooperative: 51 (M:30, F:21) FFS Facilitator: 2 (M:1, F:1)
(8) Study Tour					
Destination and Purpose	<u>Destination:</u> Corinyaburiba Coop / Bugesera District, Target coop by PiCROPP <u>Purpose:</u> Same as the first year				
Date, Time, Target Coop, Participants	2 nd to 3 rd May 2018	Ruhango District Ruhango Sector	Cotemunyar Coop	Total: 35 (M:26, F:9) District: 1 (M:1, F:0) Sector: 1 (M:1, F:0) RAB: 0 Cooperative: 33 (M:24, F:9) FFS Facilitator: 0	
	10 th to 11 th May 2018	Huye District Huye Sector	Jyambere Muhinzi wa Huye Coop	Total: 34 (M:18, F:16) District: 1 (M:1, F:0) Sector: 1 (M:1, F:0) RAB: 0 Cooperative: 31 (M:16, F:15) FFS Facilitator: 1 (M:0, F:1)	
(9) Mid-term Evaluation Workshop					
Date, Time, Target Coop, Participants	1 st Aug 2018 8:00 - 14:30	Ruhango District Ruhango Sector	Cotemunyar Coop	Total: 42 (M:31, F:11) District: 2 (M:2, F:0) Sector: 1 (M:1, F:0) RAB: 2 (M:2, F:0) Cooperative: 36 (M:26, F:10) FFS Facilitator: 1 (M:0, F:1)	
	28 th Aug 2018 8:00 - 14:30	Huye District Huye Sector	Jyambere Muhinzi wa Huye Coop	Total: 82 (M:35, F:47) District: 0 Sector: 1 (M:1, F:0) RAB: 4 (M:4, F:0) Cooperative: 76 (M:29, F:47) FFS Facilitator: 1 (M:1, F:0)	
Agenda and	Same as the first year				

Agreed Items				
(10) Terminal Evaluation Workshop				
Date, Time, Coop, Participants	21 st Feb 2019 8:00 - 14:30	Ruhango District Ruhango Sector	Cotemunyarū Coop	Total: 39 (M:28, F:11) District: 1 (M:1, F:0) Sector: 0 RAB: 2 (M:2, F:0) Cooperative: 35 (M:25, F:10) FFS Facilitator: 1 (M:0, F:1)
	28 th Feb 2019 8:00 - 14:30	Huye District Huye Sector	Jyambere Muhinzi wa Huye Coop	Total: 73 (M:29, F:44) District: 1 (M:1, F:0) Sector: 1 (M:1, F:0) RAB: 3 (M:3, F:0) Cooperative: 67 (M:23, F:44) FFS Facilitator: 1 (M:1, F:0)
Agenda and Agreed Items	Same as the first year			

Annex IX.II.III Activity Record of Indirect Support on Rice Cultivation

(1) FY 2016/2017

(i) Rwamagana District (Target Cooperative: Cocuribu and Cocuriga Cooperative)

Date	Activity	No. of Participants				Cost Sharing (Rwf)									
		Cooperative		District/ Sector	RAB	SMAP	District	Expenditure Items	RAB	Expenditure Items	Cooperative	Expenditure Items	SMAP	Expenditure Items	
		Male	Female												Total
1st Cycle															
2016/2/11	FFS-1	33	21	54	3	0	3	247,000	Allowance for Farmers	0	0	0	0	8,400	Training Material
2016/3/3	FFS-2	30	19	49	3	0	3	247,000	Allowance for Farmers	0	0	0	0	8,400	Training Material
2016/3/31	FFS-3	33	18	51	3	0	1	0	-	0	0	0	0	8,400	Training Material
2016/5/13	Water Management Training	31	19	50	3	1	3	183,000	Allowance for Farmers	0	0	0	0	8,400	Training Material
2016/6/30	FFS-4	33	19	52	1	0	1	0	-	0	0	0	0	8,400	Training Material
2nd Cycle															
2016/7/29	FFS-1	26	16	42	1	0	4	0	-	0	0	0	0	8,400	Training Material
2016/8/24	FFS-2	27	19	46	3	0	1	0	-	0	0	0	0	8,400	Training Material
2016/9/22	FFS-3	26	19	45	2	0	1	0	-	0	0	0	0	8,400	Training Material
2017/1/5	FFS-4	16	7	23	0	0	1	0	-	0	0	0	0	8,400	Training Material
Total		255	157	412	19	1	18	677,000	-	0	0	0	0	75,600	

2) Kirehe District (Target Cooperative: Corimut Cooperative)

Date	Activity	No. of Participants				Cost Sharing (Rwf)									
		Cooperative		District/ Sector	RAB	SMAP	District	Expenditure Items	RAB	Expenditure Items	Cooperative	Expenditure Items	SMAP	Expenditure Items	
		Male	Female												Total
1st Cycle															
2016/1/26	FFS-1	42	9	51	1	0	2	0	-	0	0	0	0	8,400	Training Material
2016/2/9 - 2/11	Cooperative Management Training	4	4	8	7	0	4	(2,284,500)*1	-	-	-	-	-	(745,600)*1	Training Material
2016/2/18	FFS-2	47	10	57	1	0	2	0	-	0	0	0	0	8,400	Training Material
2016/3/22	FFS-3	25	7	32	1	0	5	0	-	0	0	0	0	8,400	Training Material
2016/3/31	Water Management Training	20	2	22	3	1	1	243,000	Allowance for Farmers	0	0	0	0	8,400	Training Material
2016/6/30	FFS-4	28	6	34	2	0	2	34,000	Allowance for Farmers	0	0	0	0	8,400	Training Material
2nd Cycle															
2016/7/20	FFS-1	72	6	78	2	0	0	0	-	0	0	0	0	8,400	Training Material
2016/7/26															
2016/8/16	FFS-2	69	7	76	0	0	1	0	-	0	0	0	0	8,400	Training Material
2016/8/29															
2016/8/23	Water Management Training	50	12	62	0	0	1	0	-	0	0	0	0	8,400	Training Material
2016/9/7															
2016/9/15	FFS-3	40	6	46	3	0	1	0	-	0	0	0	0	8,400	Training Material
2016/12/22	Study Tour	40	6	46	1	0	0	996,000	Allowance for Farmers	0	0	0	0	0	-
2017/1/4	FFS-4	72	12	84	0	0	0	105,000	Allowance for Farmers	0	0	0	0	8,400	Training Material
2017/1/14															
Total		509	87	596	21	1	19	1,378,000	-	0	0	0	0	829,600	

*1: Budget for Cooperative Management Training for Rice Cooperatives is included in Horticulture Budget since the Training is planned to conduct for Horticulture and Rice Cooperatives together.

(2) FY 2017/2018

(i) Rwamagana District (Target Cooperative: Corticya Cooperative)

Date	Activity	No. of Participants				Cost Sharing (Rwf)							
		Cooperative		District/ Sector	SMAP	District	Expenditure Items	RAB	Cooperative	Expenditure Items	SMAP	Expenditure Items	
		Male	Female										Total
1st Cycle													
2017/1/9	FFS-1	43	18	61	1	0	1	0	-	0	0	8,400	Training Material
2017/1/31	FFS-2	40	13	53	3	0	1	180,000	Allowance for Farmers	0	0	8,400	Training Material
2017/3/3	FFS-3	39	14	53	0	0	1	0	-	0	0	8,400	Training Material
2017/5/31	Water Management Training	31	13	44	2	0	1	0	-	0	0	8,400	Training Material
2017/6/7	FFS-4	37	15	52	2	0	1	162,000	Allowance for Farmers	0	0	8,400	Training Material
2nd Cycle													
2017/6/22	FFS-1	23	8	31	0	0	1	0	-	0	0	8,400	Training Material
2017/7/13	FFS-2	25	6	31	0	0	1	0	-	0	0	8,400	Training Material
2017/8/14	FFS-3	25	7	32	0	0	1	0	-	0	0	8,400	Training Material
2017/9/5	Water Management Training	17	5	22	1	0	1	0	-	0	0	8,400	Training Material
2017/12/6	FFS-4	21	10	31	0	0	1	0	-	0	0	8,400	Training Material
Total		301	109	410	9	0	10	342,000	-	0	0	84,000	-

(ii) Kirehe District (Target Cooperative: Isabane Cooperative)

Date	Activity	No. of Participants				Cost Sharing (Rwf)							
		Cooperative		District/ Sector	SMAP	District	Expenditure Items	RAB	Cooperative	Expenditure Items	SMAP	Expenditure Items	
		Male	Female										Total
1st Cycle													
2016/12/20	FFS-1	42	11	53	0	0	0	0	-	0	0	8,400	Training Material
2017/1/11	FFS-2	39	8	47	1	0	1	0	-	0	0	8,400	Training Material
2017/2/10	FFS-3	47	7	54	6	0	1	330,000	Allowance for Farmers	0	0	8,400	Training Material
2017/3/9	Water Management Training	35	8	43	0	0	1	316,000	Allowance for Farmers	0	0	8,400	Training Material
2017/6/20	FFS-4	38	9	47	0	0	1	316,000	Allowance for Farmers	0	0	8,400	Training Material
2nd Cycle													
2017/6/30	FFS-1	32	9	41	0	0	1	0	-	0	0	8,400	Training Material
2017/2/10	FFS-2	19	7	26	0	0	1	0	-	0	0	8,400	Training Material
2017/8/25	FFS-3	15	7	22	0	0	1	0	-	0	0	8,400	Training Material
2017/9/29	Water Management Training	29	6	35	0	0	2	0	-	0	0	8,400	Training Material
2017/12/29	FFS-4	31	5	36	0	0	0	0	Allowance for Farmers	0	0	8,400	Training Material
Total		327	77	404	7	0	9	962,000	-	0	0	84,000	-

(iii) Kayonza District (Target Cooperative: Cocururu Cooperative)

Date	Activity	No. of Participants				Cost Sharing (Rwf)							
		Cooperative		District/ Sector	SMAP	District	Expenditure Items	RAB	Cooperative	Expenditure Items	SMAP	Expenditure Items	
		Male	Female										Total
1st Cycle													
2017/1/6	FFS-1	21	0	21	2	0	1	0	-	0	0	8,400	Training Material
2017/1/31	FFS-2	19	2	21	0	0	1	0	-	0	0	8,400	Training Material
2017/2/28	FFS-3	19	3	22	0	0	1	0	-	0	0	8,400	Training Material
2017/3/29	Water Management Training	15	1	16	0	0	1	0	-	0	0	8,400	Training Material
2017/6/14	FFS-4	17	4	21	1	0	1	0	-	0	0	8,400	Training Material
2nd Cycle													
2017/6/23	FFS-1	14	1	15	0	0	1	0	-	0	0	8,400	Training Material
2017/7/20	FFS-2	13	3	16	0	0	1	0	-	0	0	8,400	Training Material
2017/8/22	FFS-3	16	2	18	0	0	1	0	-	0	0	8,400	Training Material
2017/12/19	FFS-4	15	3	12	0	0	0	0	-	0	0	8,400	Training Material
2017/9/22	Water Management Training	13	3	16	0	0	2	0	-	0	0	8,400	Training Material
2017/12/19	FFS-4	12	3	15	0	0	0	0	-	0	0	8,400	Training Material
Total		174	25	193	3	0	10	0	-	0	0	92,400	-

(2) FY 2018/2019

(i) Rwamagana District (Target Cooperative: Ejoheza Rugende Cooperative)^{*1}

Date	Activity	No. of Participants				Cost Sharing (Rwf)									
		Cooperative		District/ Sector	SMAP	RAB	Expenditure Items	RAB	Expenditure Items	Cooperative	Expenditure Items	SMAP	Expenditure Items		
		Male	Female											Total	
1st Cycle															
2018/8/9	FFS-1	45	17	62	2	0	3	0	-	0	0	0	0	8,400	Training Material
2018/8/31	FFS-2	33	3	36	1	0	3	0	-	0	0	0	0	8,400	Training Material
2018/9/26	FFS-3	22	5	27	1	0	3	0	-	0	0	0	0	8,400	Training Material
2018/11/15	Water Management Training	15	2	17	0	0	3	0	-	0	0	0	0	8,400	Training Material
2018/12/5 - 12/6	Cooperative Management Training	6	7	13	7	0	3	(2367000) ^{*2}	Transportation fees, Lunch and conference hall	0	0	0	0	50,400	Training Material
29-Jan-19	FFS-4	11	2	13	0	0	1	0	-	0	0	0	0	8,400	Training Material
Total		132	36	168	11	0	16	2,367,000	-	0	0	0	0	92,400	-

(ii) Kirehe District (Target Cooperative: Kijumbura Rice Growers Cooperative)

Date	Activity	No. of Participants				Cost Sharing (Rwf)									
		Cooperative		District/ Sector	SMAP	RAB	Expenditure Items	RAB	Expenditure Items	Cooperative	Expenditure Items	SMAP	Expenditure Items		
		Male	Female											Total	
1st Cycle															
2018/1/5	FFS-1	16	5	21	0	0	1	63,000	-	0	0	0	0	8,400	Training Material
2018/1/26	FFS-2	16	5	21	1	0	0	63,000	-	0	0	0	0	8,400	Training Material
2018/2/27	FFS-3	15	5	20	1	0	0	60,000	-	0	0	0	0	8,400	Training Material
2018/3/15	Water Management Training	16	5	21	1	0	1	0	-	0	0	0	0	8,400	Training Material
2018/6/15	FFS-4	11	10	21	0	0	1	0	-	0	0	0	0	8,400	Training Material
2nd Cycle															
2018/7/5	FFS-1	15	6	21	1	0	1	124,000	-	0	0	0	0	8,400	Training Material
2018/7/31	FFS-2	16	6	22	1	0	1	124,000	-	0	0	0	0	8,400	Training Material
2018/8/24	FFS-3	16	6	22	1	0	1	124,000	-	0	0	0	0	8,400	Training Material
2018/10/12	Water Management Training	16	6	22	2	0	1	124,000	-	0	0	0	0	8,400	Training Material
2018/12/18	FFS-4	16	5	21	0	0	1	0	-	0	0	0	0	8,400	Training Material
Total		153	59	212	8	0	8	682,000	-	0	0	0	0	84,000	-

(iii) Kayanza District (Target Cooperative: Cocurika Cooperative)^{*3}

Date	Activity	No. of Participants				Cost Sharing (Rwf)									
		Cooperative		District/ Sector	SMAP	RAB	Expenditure Items	RAB	Expenditure Items	Cooperative	Expenditure Items	SMAP	Expenditure Items		
		Male	Female											Total	
1st Cycle															
2018/4/25 - 4/26	Cooperative Management Training	28	5	33	2	0	2	0	-	0	0	0	0	50,400	Training Material
2018/7/20	FFS-1	24	12	36	2	0	3	0	-	0	0	0	0	8,400	Training Material
2018/8/10	FFS-2	24	12	36	2	0	3	0	-	0	0	0	0	8,400	Training Material
2018/9/6	FFS-3	24	12	36	2	0	3	0	-	0	0	0	0	8,400	Training Material
2018/10/31	Water Management Training	23	4	27	1	0	3	0	-	0	0	0	0	8,400	Training Material
2018/12/31	FFS-4	21	10	31	0	0	1	0	-	0	0	0	0	8,400	Training Material
2nd Cycle															
2019/2/18	FFS-1	9	16	25	0	0	1	0	-	0	0	0	0	8,400	Training Material
2019/3/13	FFS-2	25	14	39	0	0	3	0	-	0	0	0	0	8,400	Training Material
2019/4/5	FFS-3	13	4	17	0	0	1	0	-	0	0	0	0	8,400	Training Material
2019/4/15	Water Management Training	10	5	15	0	0	1	0	-	0	0	0	0	8,400	Training Material
2019/5/15	FFS-4	5	6	11	0	0	1	0	-	0	0	0	0	8,400	Training Material
2019/6/27	FFS-5	11	5	16	0	0	1	0	-	0	0	0	0	8,400	Training Material
Total		217	105	322	9	0	23	0	-	0	0	0	0	142,800	-

(iv) Gisagara District (Target Cooperative: Garukurore Akabohi Cooperative)

Date	Activity	No. of Participants				Cost Sharing (Rwf)										
		Cooperative		District/ Sector	RAB	SMAP	District	Expenditure Items	RAB	Expenditure Items	Cooperative	Expenditure Items	SMAP	Expenditure Items		
		Male	Female												Total	
1st Cycle																
2017/12/28	FFS-1	66	76	142	1	1	3	0	0	0	0	0	0	0	8,400	Training Material
2018/1/17	FFS-2	38	51	89	1	0	1	0	0	0	0	0	0	0	8,400	Training Material
2018/2/26	FFS-3	32	51	83	0	0	1	0	0	0	0	0	0	0	8,400	Training Material
2018/2/20	Water Management Training	27	24	51	0	0	1	0	0	0	0	0	0	0	8,400	Training Material
2018/6/11	FFS-4	32	46	78	1	0	1	0	0	0	0	0	0	0	8,400	Training Material
2nd Cycle																
2018/7/9	FFS-1	28	45	73	0	0	1	0	0	0	0	0	0	0	8,400	Training Material
2018/8/6	FFS-2	38	51	89	1	0	1	0	0	0	0	0	0	0	8,400	Training Material
2018/9/4	FFS-3	47	31	78	1	0	1	0	0	0	0	0	0	0	8,400	Training Material
2018/8/31	Water Management Training	25	42	67	0	0	1	0	0	0	0	0	0	0	8,400	Training Material
2019/1/11	FFS-4	28	34	62	0	0	1	0	0	0	0	0	0	0	8,400	Training Material
Total		361	451	812	5	1	12	0	0	0	0	0	0	0	84,000	-

(v) Huye District (Target Cooperative: Twongerumisaruro Cooperative)

Date	Activity	No. of Participants				Cost Sharing (Rwf)										
		Cooperative		District/ Sector	RAB	SMAP	District	Expenditure Items	RAB	Expenditure Items	Cooperative	Expenditure Items	SMAP	Expenditure Items		
		Male	Female												Total	
1st Cycle																
2018/1/8	FFS-1	40	92	132	1	0	1	0	0	0	0	0	0	0	8,400	Training Material
2018/1/29	FFS-2	82	65	147	1	0	1	0	0	0	0	0	0	0	8,400	Training Material
2018/3/2	FFS-3	87	59	146	1	0	1	0	0	0	0	0	0	0	8,400	Training Material
2018/3/23	Water Management Training	69	60	129	1	0	1	0	0	0	0	0	0	0	8,400	Training Material
2018/7/25	FFS-4	81	56	137	1	0	1	0	0	0	0	0	0	0	8,400	Training Material
2nd Cycle																
2018/7/20	FFS-1	49	71	120	1	0	1	0	0	0	0	0	0	0	8,400	Training Material
2018/8/13	FFS-2	51	67	118	1	0	1	0	0	0	0	0	0	0	8,400	Training Material
2018/9/12	FFS-3	53	78	131	1	0	1	0	0	0	0	0	0	0	8,400	Training Material
2018/9/18	Water Management Training	67	52	119	1	0	1	0	0	0	0	0	0	0	8,400	Training Material
2019/1/11	FFS-4	33	90	123	1	0	0	0	0	0	0	0	0	0	8,400	Training Material
Total		612	690	1302	10	0	9	0	0	0	0	0	0	0	84,000	-

*1: Only one cycle of the training was implemented due to the insufficient budget of the district.

*2: Budget for the cooperative management training for rice cooperatives is included in the horticulture budget since the training to the rice cooperative was organized together with the horticulture cooperative.

*3: As the support to the rice cooperative was started from April 2018 due to the busyness of the district officer, the support was provided up to June 2019 in order to give two-cycle training.

(2) FY 2019/2020

(i) Rwamagana District (Target Cooperative: COCURIMU)

Date	Activity	No. of Participants				Cost Sharing (Rwf)									
		Cooperative		District/ Sector	RAB	SMAP	District	Expenditure Items	RAB	Expenditure Items	Cooperative	Expenditure Items	SMAP	Expenditure Items	
		Male	Female												Total
2019/1/9	FFS-1	16	9	25	1	0	3	0	0	-	0	0	0	8,400	Training Material
2019/2/4	FFS-2	6	5	11	0	0	1	0	0	-	0	0	0	8,400	Training Material
2019/2/27	FFS-3	10	3	13	0	0	1	0	0	-	0	0	0	8,400	Training Material
2019/2/13	Water Management Training	11	9	20	0	0	1	0	0	-	0	0	0	8,400	Training Material
2019/3/5	Cooperative Management Training	10	8	18	0	0	2	0	0	-	0	0	0	25,200	Training Material
2019/4/22	FFS-4	15	15	30	2	0	1	0	0	-	0	0	0	8,400	Training Material
2019/6/14	FFS-5	9	5	14	0	0	2	0	0	-	0	0	0	8,400	Training Material
Total		77	54	131	3	0	11	0	0	-	0	0	0	75,600	Training Material

(ii) Kirehe District (Target Cooperative: Dukore Kinoni I Cooperative)

Date	Activity	No. of Participants				Cost Sharing (Rwf)									
		Cooperative		District/ Sector	RAB	SMAP	District	Expenditure Items	RAB	Expenditure Items	Cooperative	Expenditure Items	SMAP	Expenditure Items	
		Male	Female												Total
2019/1/11	FFS-1	8	7	15	5	0	3	75,000	Lunch to farmers	0	0	0	0	8,400	Training Material
2019/2/5	FFS-2	11	10	21	3	0	1	105,000	Lunch to farmers	0	0	0	0	8,400	Training Material
2019/2/13	Cooperative Management Training	7	13	20	0	0	2	0	-	0	0	0	0	25,200	Training Material
2019/3/14		7	12	19	0	0	2	0	-	0	0	0	0	25,200	Training Material
2019/3/5	FFS-3	11	10	21	3	0	3	105,000	Lunch to farmers	0	0	0	0	8,400	Training Material
2019/3/15	Water Management Training	10	10	20	0	0	1	161,000	-	0	0	0	0	8,400	Training Material
2019/4/18	FFS-4	11	10	21	4	0	1	161,000	-	0	0	0	0	8,400	Training Material
2019/6/12	FFS-5	6	15	21	3	0	2	161,000	-	0	0	0	0	8,400	Training Material
Total		71	87	158	18	0	15	768,000	-	0	0	0	0	100,800	Training Material

(iii) Gisagara District (Target Cooperative: COABINYA)

Date	Activity	No. of Participants				Cost Sharing (Rwf)									
		Cooperative		District/ Sector	RAB	SMAP	District	Expenditure Items	RAB	Expenditure Items	Cooperative	Expenditure Items	SMAP	Expenditure Items	
		Male	Female												Total
2019/1/10	FFS-1	36	11	47	1	0	1	0	0	-	0	0	0	8,400	Training Material
2019/2/4	FFS-2	27	40	67	1	0	1	0	0	-	0	0	0	8,400	Training Material
2019/2/25	FFS-3	25	33	58	0	0	1	0	0	-	0	0	0	8,400	Training Material
2019/2/15	Water Management Training	19	31	50	0	0	1	0	0	-	0	0	0	8,400	Training Material
2019/1/30	Cooperative Management Training	21	24	45	0	0	2	0	0	-	0	0	0	25,200	Training Material
2019/3/18		14	19	33	0	0	3	0	0	-	0	0	0	25,200	Training Material
2019/4/23	FFS-4	18	7	25	1	0	1	0	0	-	0	0	0	8,400	Training Material
2019/6/25	FFS-5	26	13	39	1	0	1	0	0	-	0	0	0	8,400	Training Material
Total		186	178	364	4	0	11	0	0	-	0	0	0	100,800	Training Material

(iv) Huye District (Target Cooperative: Ubumwe Tumba Cooperative)

Date	Activity	No. of Participants						Cost Sharing (Rwf)					
		Cooperative		District/ Sector	SMAP	District	RAB	Expenditure Item	Cooperative	Expenditure Item	SMAP	Expenditure Items	
		Male	Female										Total
Ist Cycle													
2019/1/3	FFS-1	42	22	64	0	3	0	-	0	-	8,400	Training Material	
2019/1/28	FFS-2	35	13	48	0	1	0	-	0	-	8,400	Training Material	
2019/2/22	FFS-3	46	11	57	0	0	0	-	0	-	8,400	Training Material	
2019/2/14	Water Management Training	34	17	51	0	1	0	-	0	-	8,400	Training Material	
2019/1/16	Cooperative Management Training	34	22	56	0	2	0	-	0	-	25,200	Training Material	
2019/1/29	Cooperative Management Training	27	19	46	0	2	0	-	0	-	25,200	Training Material	
2019/4/2	FFS-4	26	30	56	0	1	0	-	0	-	8,400	Training Material	
2019/6/26	FFS-5	30	25	55	0	0	0	-	0	-	8,400	Training Material	
	Total	274	159	433	0	12	0	-	0	-	100,800	-	

(v) Ruhango District (Target Cooperative: CORIKI)

Date	Activity	No. of Participants						Cost Sharing (Rwf)					
		Cooperative		District/ Sector	SMAP	District	RAB	Expenditure Item	Cooperative	Expenditure Item	SMAP	Expenditure Items	
		Male	Female										Total
Ist Cycle													
2019/1/8	FFS-1	40	10	50	2	0	0	-	0	-	8,400	Training Material	
2019/1/31	FFS-2	21	26	47	1	1	0	-	0	-	8,400	Training Material	
2019/2/26	FFS-3	22	13	35	0	0	0	-	0	-	8,400	Training Material	
2019/2/18	Water Management Training	26	19	45	0	1	0	-	0	-	8,400	Training Material	
2019/1/29	Cooperative Management Training	24	13	37	1	3	0	-	0	-	25,200	Training Material	
2019/3/19	Cooperative Management Training	23	12	35	0	2	0	-	0	-	25,200	Training Material	
2019/6/25 - 6/26	Study tour	26	8	34	25	1	0	Accommodation, lunch and transportation	3,028,000	0	0	-	
2019/4/26	FFS-4	21	7	28	1	1	0	-	0	-	8,400	Training Material	
2019/6/27	FFS-5	23	12	35	0	0	0	-	0	-	8,400	Training Material	
	Total	226	120	346	30	14	0	-	0	-	100,800	-	

*1: As the indirect support was selected around December 2018, as of September 2019, only one-cycle training has been completed.

Annex IX.III RAB-SMAP Activities

Annex IX.III.I Target Cooperatives of RAB-SMAP Activities

1. 1st Year (FY 2016/17)

(1) Kigali Area

1) Gasabo District

	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
C	ABASHIRIKABUTE	Murama	Kinyinya	71	85	156
S1	INKWAKUZI ZA RUSENYI	Murama	Kinyinya	28	30	58
S2	ABUNZUBUMWE	Nyagahinga	Rusororo	18	42	60
S3	ABAKUMBURWA	Gasabo	Rutunga	241	237	478
S4	KOPAKA	Kagugu	Kinyinya	54	44	98

2) Kichukiro District

	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
C	UMUSHUMBA MWIZA	Rwimbogo	Nyarugunga	6	17	23
S1	TECOCOKI	Bwerankori	Kigarama	14	6	20
S2	INGAMBA	Niboyi	Niboyi	13	23	36
S3	COMSS	Gako	Masaka	120	180	300
S4	T.M.I.	Karembure	Gahanga	7	7	14

(2) Eastern Province

1) Kirehe District

	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
C	TUBEHO NEZA	Mpanga	Mpanga	23	6	29
S1	TWISUNGANE MUHINZI	Nyakabungo	Mpanga	20	40	60
S2	ABIHUJE	Rugoma	Nasho	24	23	47
S3	ABISHYZE HAMWE	Nyabihara	Nasho	75	85	160
S4	TURWANYUBUUKENE	Mushongi	Mpanga	7	8	15

2) Nyagatare District

	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
C	AMAHORO	Barija	Nyagatare	0	30	30
S1	UBUMWE MU RUKUNDO	Barija	Nyagatare	2	28	30
S2	COCLRU	Rugenge	Rukomo	10	26	36
S3	KOAMANYA	Nyarurema	Gatunda	12	10	22
S4	KOTDUIRU	Rurenge	Rukomo	5	25	30

(3) Western Province

1) Rusizi District

	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
C	TWISUNGANE	Nyenji	Nzahaha	12	11	23
S1	KUNDUMURIMO	Rusayo	Gashonga	4	7	11
S2	TWIYUBAKE	Murya	Nzahaha	14	16	30
S3	TWIGIRE	Pera	Bugarama	8	12	20
S4	TURATABAWE	Gikoni	Muganza	8	9	17

2) Ngororero District

	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
C	KOPEDUKU	Rusumo	Gatumba	5	12	17
S1	KOAB	Mukore	Kageyo	27	3	30

	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
S2	URUNANA RW'ABISHYZE	Rususa	Ngororero	1	24	25
S3	IHORERE MWANA	Rususa	Ngororero	5	26	31
S4	TURWANYE IMIRIRE MIBI	Torero	Ngororero	4	18	22

(4) Southern Province

1) Huye District

	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
C	HCRDWI	Sovu	Huye	52	22	74
S1	TWITEKU BIDUKIKIJE TWITEZA	Mugobore	Simbi	17	17	34
S2	IMBERE HEZA KARAMBI	Karambi	Kigoma	17	14	31
S3	SEARCH	Rango	Mukura	41	23	64
S4	COAMU	Shori	Gishamvu	225	207	432
S5	URUGWIRO	Kabona	Kinazi	11	19	30

2) Kamonyi District

	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
C	IMPABARUTA	Gihinga	Gacurabwenge	224	560	784
S1	ABADATEZUKA	Gihinga	Gacurabwenge	90	210	300
S2	KABIAKI	Nkingo	Gacurabwenge	36	390	426
S3	UBUMWE BUGAMIJE ITERAMBERE	Gihara	Runda	50	68	118
S4	INDATWA ZA KAMONYI	Nyarubuye	Rugarika	340	275	615
S5	COALFKA	Mbati	Mugina	454	137	591

(5) Northern Province

1) Gakenke District

	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
C	TWEGERUMURIMO	Nganzo	Gakenke	7	6	13
S1	ABAHUJINGENDO	Nganzo	Gakenke	6	7	13
S2	TURERE ABANA BACU	Mucaca	Nemba	3	17	20
S3	URUNANA	Kanyanza	Karambo	9	12	21
S4	COPALEP	Birambo	Busengo	25	30	55

2) Gicumbi District

	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
C	KORUJYIMBERE	Rutete	Nyankenke	12	5	17
S1	DUKORANINGUFU	Gacurabwenge	Byumba	6	9	15
S2	KODIB	Nyarutarama	Byumba	8	22	30
S3	TWITEZIMBERE	Rutete	Nyankenke	16	4	20
S4	COAMUNYA	Rwagihura	Nyankenke	14	13	27

2. 2nd Year (FY 2017/18)

(1) Kigali Area

1) Gasabo District

	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
1	ABADASIGANA ba Kinyinya	Murama	Kinyinya	24	26	50
2	ABASHIRIKABUTE ba Gasabo	Murama	Kinyinya	50	70	120
3	INKWAKUZI ZA RUSENYI	Murama	Kinyinya	25	30	55
4	ABAKUMBURWA	Gasabo	Rutungu	310	147	457
5	JYAMBERE MUHINZI Gatsata	Karuruma	Gatsata	12	33	45

2) Nyarugenge District

	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
1	DUHUZIMBARAGA	Nyabugogo	Kigali	5	21	26
2	ABISHYZEHAMWE RWAMPARA	Rwampara	Nyamirambo	18	12	30
3	URUMURI NYARUFUNZO	Kankuba	Mageragere	162	93	255
4	DUTERIMBERE	Nzove	Kanyinya	2	22	24
5	DUSEZERERE UBUKENE	Nyarufunzo	Nyamirambo	0	13	13

(2) Eastern Province

1) Nyagatare District

	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
1	UBUMWE MU RUKUNDO	Barija	Nyagatare	1	19	20
2	COAINYA	Kabeza	Gatunda	38	22	60
3	COCLRU	Rurenge	Rukomo	10	16	26
4	KOTDUIRU	Rurenge	Rukomo	5	25	30
5	ABADAHEMUKA	Bushoga	Nyagatare	10	15	25

2) Bugesera District

	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
1	KOAIGR	Biryogo	Gashora	76	50	126
2	IMBONERAMUHINZI	Mwendo	Gashora	70	101	171
3	SUBIZWAGACIRO MUHINZI	Kimaranzara	Rilima	7	3	10
4	TUBERE ABANDI URUGERO	Kimaranzara	Rilima	7	9	16
5	KOPAIMWO	Rugenge	Mwogo	6	14	20

(3) Western Province

1) Ngororero District

	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
1	GIRA UBUZIMA	Kazabe	Ngororero	6	8	14
2	KOPERATIVE HANGUMURIMO MUHINZI	Gitega	Matyazo	4	17	21
3	KOPEDU / RUSUMO	Rusumo	Gatumba	5	12	17
4	TURWANYE IMIRIRE MIBI	Torero	Ngororero	3	11	14
5	BANDEBEREHO	Gaseke	Kabaya	9	15	24

2) Rusizi District

	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
1	DUKORE TUBEHO	Buhokoro	Gashonga	5	7	12
2	CCPGK	Cyangugu	Kamembe	6	28	34
3	COPAGRISOMAMU	Gakoni	Muganza	30	34	64
4	TURWANYE UBUKENI	Gakoni	Muganza	14	6	20
5	KOAIGA GACAMAHEMBE	Burunga	Gihundwe	17	37	54

(4) Southern Province

1) Muhanga District

	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
1	KOPARWAMU	Gahogo	Nyamabuye	136	259	395
2	ABADAHIGWA MU BUHINZI	Mubuga	Shyogwe	20	14	34

	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
3	TUZAMURANE CYEZA	Nyarunyinya	Cyeza	348	463	811
4	KIABR	Mubuga	Shyogwe	331	529	860
5	IABM ITERAMBERE RY'ABAHINZI BOROZI BA MAKEBA	Gitarama	Nyamabuye	265	499	764

2) Nyanza District

	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
1	DUFATANYE NYANZA	Kavumu	Busasamana	7	26	33
2	DUFATANYUMURIMO	Kibinja	Busasamana	12	17	29
3	TUZAMURANE GASORO	Gasoro	Kigoma	32	40	72
4	NYANZA AGRI PEOPLE	Mpanga	Mukingo	6	3	9
5	JYAMBERE RUBYIRUKO	Rurangazi	Nyagisozi	3	4	7

(5) Northern Province

1) Burera District

	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
1	IMBERE HEZA GAHUNGA	Buramba	Gahunga	40	791	831
2	COVMB	Kivumu	Nemba	905	531	1436
3	KORANUMURAVA	Kiribata	Rugengabari	36	29	65
4	COOPCRU	Rukandabyuma	Rugengabari	29	5	34
5	MUHINZI UKWIYE SARAMBWE	Gacundura	Rwerere	43	25	68

2) Gakenke District

	Cooperative Name	Location		No. Members		
		Cell	Sector	Male	Female	Total
1	INYARUREMBO ZA KIVURUGA	Gasiza	Kivuruga	15	23	38
2	TURERE ABANA BACU	Mucaca	Nemba	2	12	20
3	DUHARANIRUBUZIMA BWIZA	Rugimbu	Kivuruga	14	48	62
4	TWEGERUMURIMO	Nganzo	Gakenke	14	26	40
5	ABAHUJINGENDO	Nganzo	Gakenke	7	7	14

3. 3rd Year (FY 2018/19)

	District	Cooperative Name	Location		No. Members		
			Cell	Sector	Male	Female	Total
1	Ngoma	Kotungo	Rujambara	Rurenge	136	37	173
2	Kayonza	Cocurivamu	Rugendabari	Mukarange	180	120	300
3	Gatsibo	Hinga Byinshi	Mugera	Gatsibo	110	106	216
4	Nyamagabe	Ingenzi	Bwama	Kamegeri	448	370	818
5	Nyaruguru	KOABI	Rasaniro	Rusenge	115	128	243
6	Nyaruguru	Abishyizehamwe	Murama	Ngera	30	37	67
7	Gisagara	Abakoranamurava	Munazi	Save	700	110	810
8	Ruhango	Coderika	Rutabo	Kinazi	150	129	279
9	Karongi	Twitezimbere mu Buhinzi	Munanira	Gitesi	8	120	128
10	Nyabihu	Kotuga cooperative	Nyundo	Rambura	10	20	30
11	Rutsiro	Tuzamurane Cyahafi	Cyarusero	Mushubati	8	22	30

Annex IX.III.II Record of RAB-SMAP Activities

1. RAB-SMAP 2nd Year (FY 2017/18)

(1) Summary of RAB-SMAP activities

Province	Target District	Kick-off WS	Selection of Target Coops.	Coop Management/ Gender Training	Marketing Training	FFS-1
Kigali	Gasabo	15-Feb-18	12-Mar-18	20-23 Mar-18		16-Apr-18
	Nyarugenge	16-Feb-18	14-Mar-18	20-23 Mar-18		17-Apr-18
Eastern	Nyagatare	16-Feb-18	15-Mar-18	20-23 Mar-18		6-Apr-18
	Bugesera	15-Feb-18	12-Mar-18	24-26 Apr-18	28-29 Mar-18	26-Apr-18, 2-May-18
Western	Ngororero	16-Feb-18	15-Mar-18	28-29 Mar-18	25-26 Apr-18	8-May-18
	RUSIZI	19-Feb-18	16-Mar-18	24-25 Apr-18	28-29 Mar-18	11-May-18
Southern	Muhanga	16-Feb-18	16-Mar-18	5-6 Apr-18	28-29 Mar-18	4-May-18
	Nyanza	15-Feb-18	14-Mar-18	5-6 Apr-18	28-29 Mar-18	4-May-18
Northern	Burera	19-Feb-18	12-Mar-18	28-29 Mar-18	4-5 Apr-18	25-Apr-18
	Gakenke	20-Feb-18	14-Mar-18	28-29 Mar-18	5-6 Apr-18	27-Apr-18

Province	Target District	FFS-2	FFS-3	FFS-4	FFS-5	Profit Analysis WS
Kigali	Gasabo	22-May-18	13-Jun-18	14-Jun-18	-	-
	Nyarugenge	23-May-18	14-Jun-18	15-Jun-18	17-Aug-18	-
Eastern	Nyagatare	11-May-18	13-Jun-18	26-Jul-18	22-Aug-18	-
	Bugesera	1-Jun-18	15-Jun-18	26-Jul-18	-	-
Western	Ngororero	7-Jun-18	12-Jun-18	23, 24-Aug-18	20, 28-Sep-18	
	RUSIZI	14-Jun-18	11-Jul-18	22, 23-Aug-18	19, 20-Sep-18	-
Southern	Muhanga	26-Jun-18	18-Jul-18	27-Sep-18	27-Sep-18	-
	Nyanza	12-Jun-18	12-Jul-18	28-Sep-18	28-Sep-18	-
Northern	Burera	12-Jun-18	27-Jul-18	24-Sep-18	-	-
	Gakenke	11-Jun-18	10-Jul-18	25-Sep-18	-	-

(2) Number of participants of RAB-SMAP activities at each district

1) Kick-off WS

Province	Target District	Date	RAB	District	Sector	Farmers		Total	Remark
						M	F		
Kigali	Gasabo	15-Feb-18	3	3	9	0	0	15	
	Nyarugenge	16-Feb-18	4	4	7	0	0	15	
Eastern	Nyagatare	16-Feb-18	1	2	10	0	0	13	
	Bugesera	15-Feb-18	2	3	24	0	0	29	
Western	Ngororero	16-Feb-18	4	2	23	0	0	29	
	RUSIZI	19-Feb-18	1	4	13	40	20	78	
Southern	Muhanga	16-Feb-18	1	3	23	0	0	27	
	Nyanza	15-Feb-18	1	3	19	0	0	23	
Northern	Burera	19-Feb-18	2	3	1	13	7	26	
	Gakenke	20-Feb-18	2	2	2	9	11	26	
Total			21	29	131	62	38	281	

2) Cooperative Management/ Gender Training

Province	Target District	Date	RAB	District	Sector	Farmers		Total	Remark
						M	F		
Kigali	Gasabo	20-21-Mar-18	6	2	2	9	11	30	

	Nyarugenge	20-21-Mar-18	6	2	8	9	10	35	
Eastern	Nyagatare	20-21-Mar-18	2	3	4	7	13	29	
	Bugesera	24-25-Apr-18	3	1	0	12	8	24	
Western	Ngororero	28-29-Mar-18	2	3	6	10	10	31	
	RUSIZI	25-26-Apr-18	3	1	2	10	10	26	
Southern	Muhanga	5-6-Apr-18	3	2	3	9	11	28	
	Nyanza	5-6-Apr-18	3	2	8	10	10	33	
Norternhn	Burera	28-29-Mar-18	2	3	1	13	7	26	
	Gakenke	28-29 Mar-18	2	1	1	9	11	24	
Total			32	20	35	98	101	286	

3) Marketing Training

Province	Target District	Date	RAB	District	Sector	Farmers		Total	Remark
						M	F		
Kigali	Gasabo	22-23-Mar-18	6	2	2	9	11	30	
	Nyarugenge	22-23-Mar-18	6	2	8	9	10	35	
Eastern	Nyagatare	22-23-Mar-18	2	0	2	7	13	24	
	Bugesera	28-29-Mar-18	3	1	0	12	8	24	
Western	Ngororero	25-26-Apr-18	2	3	6	10	10	31	
	RUSIZI	28-29-Mar-18	3	2	8	10	10	33	
Southern	Muhanga	28-29-Mar-18	3	2	4	9	11	29	
	Nyanza	28-29-Mar-18	3	2	8	10	10	33	
Norternhn	Burera	4-5-Apr-18	1	2	0	13	7	23	
	Gakenke	5-6-Apr-18	2	1	0	9	11	23	
Total			31	17	38	98	101	285	

4) FFS-1

Province	Target District	Date	RAB	District	Sector	Farmers		Total	Remark
						M	F		
Kigali	Gasabo	16-Apr-18	2	1	1	10	10	24	
	Nyarugenge	17-Apr-18	2	0	0	8	11	21	
Eastern	Nyagatare	6-Apr-18	1	0	0	12	13	26	*No. of farmers includes 7 FFS facilitators and 5 Farmer Promoters from different sectors
	Bugesera	26-Apr-18	3	1	1	10	10	25	
Western	Ngororero	8-May-18	2	1	4	10	10	27	
	RUSIZI	17-May-18	2	2	3	9	10	26	
Southern	Muhanga	4-May-18	4	1	0	9	11	25	
	Nyanza	4-May-18	2	1	6	10	10	29	
Norternhn	Burera	25-Apr-18	1	0	1	13	7	22	
	Gakenke	27-Apr-18	1	0	2	9	11	23	
Total			20	7	18	100	103	248	

5) FFS-2

Province	Target District	Date	RAB	District	Sector	Farmers		Total	Remark
						M	F		
Kigali	Gasabo	22-May-18	1	1	0	10	10	22	
	Nyarugenge	23-May-18	2	0	0	6	9	17	
Eastern	Nyagatare	11-May-18	2	0	2	18	10	32	*No. of farmers includes 3 FFS

									Facilitators and 5 Farmer Promoters.
	Bugesera	1-Jun-18	2	0	0	10	10	22	
Western	Ngororero	7-Jun-18	2	0	4	10	10	26	
	RUSIZI	14-Jun-18	2	0	0	10	9	21	
Southern	Muhanga	26-Jun-18	1	1	4	7	11	24	
	Nyanza	12-Jun-18	1	1	8	10	10	30	
Norternhn	Burera	12-Jun-18	1	0	0	11	4	16	
	Gakenke	11-Jun-18	1	0	0	9	9	19	
Total			15	3	18	101	92	229	

6) FFS-3

Province	Target District	Date	RAB	District	Sector	Farmers		Total	Remark
						M	F		
Kigali	Gasabo	13-Jun-18	1	1	0	10	10	22	
	Nyarugenge	14-Jun-18	1	0	0	10	10	21	
Eastern	Nyagatare	13-Jun-18	1	0	2	18	10	31	*No. of farmers includes 3 FFS Facilitators and 5 Farmer Promoters.
	Bugesera	15-Jun-18	1	0	0	8	8	17	
Western	Ngororero	12-Jul-18	2	0	2	10	10	24	
	RUSIZI	11-Jul-18	2	0	1	7	6	16	
Southern	Muhanga	18-Jul-18	2	1	5	8	12	28	
	Nyanza	14-Jun-18	1	1	8	10	10	30	
Norternhn	Burera	27-Jul-18	0	0	0	13	7	20	
	Gakenke	10-Jul-18	0	0	0	9	9	18	
Total			11	3	18	103	92	227	

7) FFS-4

Province	Target District	Date	RAB	District	Sector	Farmers		Total	Remark
						M	F		
Kigali	Gasabo	12-Jul-18	1	0	0	10	10	21	
	Nyarugenge	13-Jul-18	2	0	0	9	9	20	
Eastern	Nyagatare	11,12,13-Jul-18	1	0	3	44	63	111	*1
	Bugesera	26-Jul-18	1	0	0	6	4	11	
Western	Ngororero	23,24-Aug-18	2	0	1	13	20	36	*1
	RUSIZI	22,23-Aug-18	2	0	0	10	10	22	*1
Southern	Muhanga	27-Sep-18	2	0	3	8	12	25	
	Nyanza	12,15,17,20-Aug-18	0	0	0	37	34	71	*1
Norternhn	Burera	24-Sep-18	2	0	0	12	3	17	
	Gakenke	25-Sep-18	3	0	0	7	11	21	
Total			16	0	7	156	176	355	

8) FFS-5

Province	Target District	Date	RAB	District	Sector	Farmers		Total	Remark
						M	F		
Kigali	Gasabo	-						0	
	Nyarugenge	17-Aug-18	3	0	0	10	10	23	
Eastern	Nyagatare	-						0	
	Bugesera	-						0	

Western	Ngororero	20,28-Sep-18	2	0	4	19	32	57	*1
	RUSIZI	19,20-Sep-18	2	0	0	8	8	18	*1
Southern	Muhanga	27-Sep-18	2	0	3	8	12	25	
	Nyanza	-						0	
Norternhn	Burera	-						0	
	Gakenke	-						0	
Total			9	0	7	45	62	123	

9) Profit Analysis Workshop

Province	Target District	Date	RAB	District	Sector	Farmers		Total	Remark
						M	F		
Kigali	Gasabo	-						0	
	Nyarugenge	-						0	
Eastern	Nyagatare	-						0	
	Bugesera	-						0	
Western	Ngororero	20,28-Sep-18	2	0	4	19	32	57	*1
	RUSIZI	-						0	
Southern	Muhanga	-						0	
	Nyanza	-						0	
Norternhn	Burera	-						0	
	Gakenke	-						0	
Total			2	0	4	19	32	57	

*1: The training were conducted at each cooperative place(farmland).

2. RAB-SMAP 3rd Year (FY 2018/19)

(1) Summary of RAB-SMAP activities

Province	Target District	Kick-off Workshop	Marketing Training	Cooperative management/ Gender Training	FFS-1
Eastern	Kayonza	5-Mar-19	22-23 Apr 2019	-	3-May-19
	Ngoma	1-Mar-19	18-19 Apr 2019	-	23-Apr-19
	Gatsibo	6-Mar-19	18-19 Apr 2019	-	19-Apr-19
Western	Nyabihu	6-Mar-19	28-29-Mar-2019	-	17-Apr-19
	Karongi	1-Mar-19	2-3 Apr-2019	-	18-Apr-19
	Rutsiro	5-Mar-19	26-27 Mar-2019	-	2-Apr-19
Southern	Gisagara	4-Mar-19	26-27 Mar-2019	-	23-Apr-19
	Nyaruguru I	1-Mar-19	1-2 Apr-2019	-	25-Apr-19
	Nyaruguru II	1-Mar-19	3-4 Apr-2019	-	26-Apr-19
	Ruhango	8-Mar-19	27-28 Mar-2019	-	18-Apr-19
	Nyamagabe	5-Mar-19	28-29-Mar-2019	-	24-Apr-19

Province	Target District	FFS-2	FFS-3	FFS-4	FFS-5
Eastern	Kayonza	12-Jun-19	3-Jul-19	24-Jul-19	
	Ngoma	29-May-19	26-Jun-19	18-Jul-19	18-Sep-19
	Gatsibo	29-May-19	26-Jun-19	18-Jul-19	
Western	Nyabihu	19-Jun-19	17-Jun-19	20-Aug-19	2-Oct-19
	Karongi	24-May-19	25-Jun-19	25-Jul-19	27-Aug-19
	Rutsiro	8-May-19	22-May-19	20-Jun-19	18-Jul-19
Southern	Gisagara	28-May-19	27-Jun-19	25-Jul-19	22-Aug-19

Province	Target District	FFS-2	FFS-3	FFS-4	FFS-5
	Nyaruguru I	24-May-19	25-Jun-19	23-Jul-19	23-Aug-19
	Nyaruguru II	29-May-19	28-Jun-19	24-Jul-19	20-Aug-19
	Ruhango	15-May-19	12-Jun-19	9-Jul-19	1-Oct-19
	Nyamagabe	23-May-19	26-Jun-19	26-Jul-19	21-Aug-19

(2) Number of participants of RAB-SMAP activities at each district

1) Kick-off WS

Province	Target District	Date	RAB	District	Sector	Farmers		Total	Remark
						M	F		
Southern	Nyaruguru	01-Mar-19	2	2	28	0	0	32	
	Nyamagabe	5-Mar-19	2	2	17	0	0	21	
	Gisagara	4-Mar-19	2	1	13	0	0	16	
	Ruhango	08-Mar-19	2	1	13	0	0	16	
Western	Nyabihu	6-Mar-19	2	2	5	0	0	9	
	Rutsiro	5-Mar-19	2	3	25	19	14	63	
	Karongi	1-Mar-19	2	3	14	0	0	19	
Eastern	Kayonza	6-Mar-19	1	2	0	0	0	3	
	Ngoma	1-Mar-19	2	5	0	0	0	7	
	Gatsibo	6-Mar-19	1	2	0	0	0	3	
Total			18	23	115	19	14	189	

2) Marketing Training

Province	Target District	Date	RAB	District	Sector	Farmers		Total	Remark
						M	F		
Southern	Nyaruguru site I	1-2-Apr-19	3	0	3	8	8	22	
	Nyaruguru site II	1-2-Apr-19	3	0	1	8	9	21	
	Nyamagabe	28-29-Mar-19	2	1	4	8	7	22	
	Gisagara	26-27-Mar-19	2	2	1	7	8	20	
	Ruhango	27-28-Mar-19	2	1	1	9	9	22	
Western	Nyabihu	28-29-Mar-19	2	1	1	7	11	22	
	Rutsiro	26-27-Mar-19	2	2	3	3	12	22	
	Karongi	2-3-Apr-19	1	2	3	7	8	21	
Eastern	Kayonza	25-26-Apr-19	1	0	1	12	7	21	
	Ngoma	17-18-Apr-19	1	0	2	9	9	21	
	Gatsibo	17-18-Apr-19	1	0	1	7	12	21	
Total			20	9	21	85	100	235	

3) FFS-1

Province	Target District	Date	RAB	District	Sector	Farmers		Total	Remark
						M	F		
Southern	Nyaruguru site I	25-Apr-19	2	0	3	8	8	21	
	Nyaruguru site II	01-May-19	2	0	1	8	8	19	
	Nyamagabe	24-Apr-19	2	1	12	8	8	31	
	Gisagara	23-Apr-19	2	0	6	7	7	22	
	Ruhango	18-Apr-19	1	0	0	9	9	19	

Western	Nyabihu	17-Apr-19	1	0	0	4	20	25	
	Rutsiro	2-Apr-19	2	0	0	4	14	20	
	Karongi	18-Apr-19	1	0	1	7	8	17	
Eastern	Kayonza	3-May-19	1	0	0	9	10	20	
	Ngoma	23-Apr-19	1	0	0	9	8	18	
	Gatsibo	19-Apr-19	1	0	1	9	10	21	
Total			16	1	24	82	110	233	

4) FFS-2

Province	Target District	Date	RAB	District	Sector	Farmers		Total	Remark
						M	F		
Southern	Nyaruguru site I	23-May-19	1	0	1	8	8	18	
	Nyaruguru site II	29-May-19	2	0	1	10	10	23	
	Nyamagabe	25-May-19	1	0	1	7	7	16	
	Gisagara	28-May-19	2	0	1	7	7	17	
	Ruhango	15-May-19	1	0	1	9	9	20	
Western	Nyabihu	19-Jun-19	1	0	0	3	8	12	
	Rutsiro	8-May-19	1	0	0	4	8	13	
	Karongi	24-May-19	1	0	0	7	8	16	
Eastern	Kayonza	12-Jun-19	1	0	0	10	5	16	
	Ngoma	29-May-19	1	0	0	9	10	20	
	Gatsibo	29-May-19	1	0	1	9	10	21	
Total			13	0	6	83	90	192	

5) FFS-3

Province	Target District	Date	RAB	District	Sector	Farmers		Total	Remark
						M	F		
Southern	Nyaruguru site I	25-Jun-19	1	0	1	8	8	18	
	Nyaruguru site II	28-Jun-19	1	0	1	10	10	22	
	Nyamagabe	26-Jun-19	1	0	1	7	7	16	
	Gisagara	27-Jun-19	1	0	1	7	7	16	
	Ruhango	12-Jun-19	1	0	0	6	7	14	
Western	Nyabihu	17-Jul-19	1	0	0	4	7	12	
	Rutsiro	22-May-19	1	0	0	4	9	14	
	Karongi	25-Jun-19	1	0	0	6	9	16	
Eastern	Kayonza	3-Jul-19	1	0	1	9	5	16	
	Ngoma	26-Jun-19	1	0	1	10	10	22	
	Gatsibo	26-Jun-19	1	0	1	8	9	19	
Total			11	0	7	79	88	185	

6) FFS-4

Province	Target District	Date	RAB	District	Sector	Farmers		Total	Remark
						M	F		
Southern	Nyaruguru site I	23-Jul-19	1	0	1	8	8	18	
	Nyaruguru site II	24-Jul-19	2	0	1	10	10	23	
	Nyamagabe	26-Jul-19	2	0	1	7	7	17	

	Gisagara	25-Jul-19	1	0	1	7	7	16	
	Ruhango	09-Jul-19	1	0	0	7	8	16	
Western	Nyabihu	20-Aug-19	1	0	0	2	8	11	
	Rutsiro	20-Jun-19	1	0	0	5	10	16	
	Karongi	24-Jul-19	1	0	1	7	8	17	
Eastern	Kayonza	24-Jul-19	1	0	0	10	3	14	
	Ngoma	18-Jul-19	1	0	0	10	10	21	
	Gatsibo	18-Jul-19	1	0	0	9	10	20	
Total			13	0	5	82	89	189	

7) FFS-5

Province	Target District	Date	RAB	District	Sector	Farmers		Total	Remark
						M	F		
Southern	Nyaruguru site I	23-Aug-19	1	0	0	7	8	16	
	Nyaruguru site II	20-Aug-19	2	0	0	8	5	15	
	Nyamagabe	21-Aug-19	2	0	1	7	10	20	
	Gisagara	22-Aug-19	2	0	1	6	4	13	
	Ruhango	01-Oct-19	1	0	0	5	10	16	
Western	Nyabihu	2-Oct-19	1	0	1	3	11	16	
	Rutsiro	18-Jul-19	1	0	0	5	9	15	
	Karongi	27-Aug-19	1	0	0	8	1	10	
Eastern	Kayonza							0	
	Ngoma	18-Sep-19	1	0	0	7	5	13	
	Gatsibo							0	
Total			12	0	3	56	63	134	

8) Cooperative Management and Gender Training

Province	Target District	Date	RAB	District	Sector	Farmers		Total	Remark
						M	F		
Southern	Nyaruguru site I	-						0	
	Nyaruguru site II	-						0	
	Nyamagabe	-						0	
	Gisagara	-						0	
	Ruhango	-						0	
Western	Nyabihu	11-Sep-19	1	0	0	4	12	16	
	Rutsiro	-						0	
	Karongi	-						0	
Eastern	Kayonza	-						0	
	Ngoma	-						0	
	Gatsibo	-						0	
Total			1	0	0	4	12	16	

Appendix X.I Report of End-line Survey on Horticulture

1. Objectives of the Baseline and End-line Surveys

To evaluate the project activities and monitor the achievement of project PDM indicator, the Project conducted both Baseline survey and End-line survey with the target cooperatives. The targets of both surveys were selected cooperatives as direct and indirect cooperatives for horticulture program during the project implementation period. Productivity, net income of cooperative farmland, were surveyed comparing the baseline survey and end-line survey results for evaluating the achievements of PDM indicator of the project purpose. In addition, analysis of impact of the project activities was utilized to formulate recommendations to the Government of Rwanda for future activities.

2. Outline of the Baseline and End-line Survey

The project team conducted three kind of surveys as below.

Table 1 Outline of Baseline and End-line survey and in relation to PDM

	Survey components	Implementation schedule	Relation to PDM
Horticulture	Net income of the cooperative farmland	<u>Baseline:</u> Record of one year before SMAP activities, <u>Annual evaluation:</u> Every year after SMAP activities started, <u>End-line:</u> In the final year of the project (January to February 2019)	Indicator “a” for the Project Purpose
	Adaptation rate of SMAP horticulture techniques	Final year of the project (February to March 2019)	Indicator “d” for the Output 2
	Impact of the project activities	Final year of the project (February to March 2019)	—
Rice cultivation	Net income of the rice cooperative; calculated by sales amount and sales commission of cooperative	<u>Baseline:</u> Record of 1 year before SMAP activities <u>Annual evaluation:</u> Every year after SMAP activities started, <u>End-line:</u> In the final year of the project (January to February 2019)	Indicator “b” for the Project Purpose
	Yield; calculated by total cultivation area and total collective amount of the cooperative	<u>Baseline:</u> Record of one year before SMAP activities <u>End-line:</u> After 1 year of SMAP activities	Indicator “c” for the Output 3
	Adaptation rate of SMAP rice cultivation techniques	Final year of the project	Indicator “d” for the Output 3
	Impact of the project activities	Final year of the project	—

Source: JICA Project Team (2019)

3. The Number of the Target Cooperatives of the Baseline and End-line Survey

The total number of the target cooperatives of baseline and end-line survey is 81 as shown in the following table. The direct cooperatives were supported by the Project team directly and the indirect cooperatives were supported by Districts collaborating with the Project. In Kirehe District and Rwamagana District, some cooperatives stopped vegetable cultivation due to the policy change of the Government of Rwanda on field utilization. Moreover, four and two cooperatives respectively in Kirehe and Rwamagana District were dissolved after one year of the project activities because they stopped to establish and use the cooperative farmland and started to cultivate only in individual farmland. The 3rd indirect cooperatives in Rwamagana District were excluded, because the SMAP

training for the 3rd indirect cooperatives were suspended due to lack of budget after FFS-1.

Table 2 The Number of Target Cooperatives of the Baseline and End-line Survey

Province	District	Direct	Indirect 1 st year	Indirect 2 nd year	Indirect 3 rd year	Total
Eastern province	Kirehe	5	4	5	4	18
	Rwamagana	3	5	5	-	13
Northern province	Rulindo	5	5	5	-	15
	Musanze	5	5	5	-	15
Western province	Nyamasheke	5	5	-	-	10
	Rubavu	5	5	-	-	10
Total		28	29	20	4	81

4. Methodology and Implementation Schedule of the Survey

(1) Net Income per Members of Cooperative Farmland

- Filling the crop production and profit monitoring sheet by the representatives of cooperative members about the number of the cooperative members, cultivated crops, cultivation period, cultivated area, total production, sold amount, average price for selling, total income, total production cost and net income.
- The project staff distributed the monitoring sheet to each cooperative and collected them from the latter half of January to February 2019.

(2) Adaptation Rate of SMAP Horticulture Techniques by Farmers

- 35 of the SMAP horticulture techniques on cultivation, marketing and cooperative management were listed.
- The project team conducted the interview survey using the list with around 10 members of each cooperative.
- The survey was conducted by the project staff from 19th February to 13th March 2019.

(3) Impact of the Project Activities

- The project team conducted the interview survey with around 10 members of each cooperative about the change of i) productivity, ii) quality, iii) marketing, iv) cooperative management and v) gender after receiving the SMAP training.
- The survey was conducted by the project staff from 19th February to 13th March 2019.

The number of districts and cooperatives which are the target of the above surveys, “(2) Adaptation Rate of SMAP Horticulture Techniques by Farmers” and “(3) Impact of the Project Activities”, are shown in the following table.

Table 3 The Number of District and Cooperatives surveyed

District	Kirehe	Rwamagana	Rulindo	Musanze	Nyamasheke	Rubavu	Total
Number of surveyors	1	1	1	1	1	1	6
Number of the surveyed cooperatives	13	18	15	15	10	10	81
Schedule	From 19 th February 2019 to 13 th March 2019						

Source: JICA Project Team (2019)

5. Results

(1) Net Income of Cooperative Farmland

The horticulture target cooperatives of SMAP activities cultivated approximately five kinds of vegetables, which were selected based on the market information, at their cooperative farmland every year. The project team distributed the survey sheet to each cooperative in collaboration with the Sector Agronomist. The representatives of the cooperatives filled all the information concerning the number of the cooperative members, cultivated crops, cultivation period, cultivated area, total production, sold amount, average price for selling, total income, total production cost and net income with the sheet. The project team collected the filled sheet, then analyzed the data. The data of one year before being selected, namely before the project activities, was collected as baseline data and the end-line survey was conducted every year until 2018/19.

Two cases; (a) net income of the cooperative farmland per member and (b) net income of the cooperative farmland per area, were monitored to evaluate the productivity and profitability of the target vegetables.

(a) Increasing rate of net income of the cooperative farmland per member

The table below shows an annual change of the net income of the cooperative farmland per member. Most of the cooperative achieved more than 100 % of increasing rate of the net income.

The target of this survey excluded the cooperatives which had stopped cultivation in the cooperative farmland, for example 6 cooperatives in Rwamagana District, or which did not have the cooperative farmland before being selected by SMAP, for example the 3 cooperatives in Rulindo District.

Table 4 Increasing Rate of the Net Income per Member and per Area in the Cooperative Farmland per Member

District	Direct/ Indirect (Year)	Indicator in PDM	Number of Surveyed Cooperatives	Increasing rate of Net income per member	Achievement
Rwamagana	Direct	40.3%	2	265%	Achieved
	Indirect1 st year		2	179%	Achieved
	Indirect2 nd year		3	168%	Achieved
Kirehe	Direct	43.9%	3	268%	Achieved
	Indirect1 st year		4	100%	Achieved
	Indirect2 nd year		3	106%	Achieved
	Indirect3 rd year		4	177%	Achieved
Musanze	Direct	35.0%	5	81%	Achieved
	Indirect1 st year		5	159%	Achieved
	Indirect2 nd year		5	33%	Not achieved
Rulindo	Direct	47.7%	3	194%	Achieved
	Indirect1 st year		3	139%	Achieved
	Indirect2 nd year		5	194%	Achieved
Rubavu	Direct	27.6%	4	-22%	Not achieved
	Indirect1 st year		5	-67%	Not achieved
Nyamasheke	Direct	22.8%	3	87%	Achieved
	Indirect1 st year		3	49%	Achieved

Source: JICA Project Team (2019)

Among the surveyed cooperatives, three cooperatives, 2nd indirect cooperatives in Rubavu District and direct and 1st indirect cooperatives in Musanze Districts, did not achieve the PDM indicator. The reasons why their increasing rate did not achieve the PDM indicator were shown in below.

- Musanze District: The net income increasing rate was not so high because of decrease in the market price of cabbage. In this area, not only the target cooperatives but also other many cooperatives cultivated and sold the cabbage during the same season.
- Rubavu District: It is the reduced net income that led to increase of the number of cooperative members and decrease of the area of cooperative farmland. Some cooperatives in Rubavu District had rented t cooperative farmland from a private landowner to cultivate vegetables with SMAP techniques and gained some profits. However, the landowner didn't rent the farmland anymore to the cooperatives after finding that vegetable cultivation was generating some profit. Moreover, the other main reason for lower net income was that the rent of farmland was generally higher than other districts.

The net income per member shows an increasing trend in most cooperatives. However, when the number of cooperative members increased or area of cooperative farmland decreased, it becomes difficult to evaluate the increasing rate of net income per member as an indicator. Then, the project team also evaluated the net income per area which is not influenced by the number of cooperative members and area of the cooperative farmland.

(b) Increasing rate of net income of the cooperative farmland per area

The following table shows a net income per area of cooperative farmland and its increasing rate after SMAP activities. As a result of the analysis, most of the cooperatives achieved more increasing rate of the PDM indicator. It effectively comes out especially that some cooperatives in Kirehe and Rwamagana Districts achieved more than 300% of the increasing rate. The net income per area in Kirehe District, did not achieve more than PDM indicator, the reason why it is mentioned below;

- Kirehe District: Some cooperatives used irrigation water of farm pond in upper side. However, some cooperatives in upper side utilized large amounts of irrigation water then the cooperatives in lower side which were SMAP target cooperatives could not produce the vegetables well. This kind of problems were reported to the sector agronomist and received appropriate solution.

Table 5 Increasing Rate of the Net Income per Area and per Area in the Cooperative Farmland per Member

District	Direct/ Indirect (Year)	Indicator in PDM	Number of Surveyed Cooperatives	Increasing rate of Net income per area	Achievement
Rwamagana	Direct	40.3%	2	344%	Achieved
	Indirect1 st year		2	109%	Achieved
	Indirect2 nd year		3	441%	Achieved
Kirehe	Direct	43.9%	3	967%	Achieved
	Indirect1 st year		4	303%	Achieved
	Indirect2 nd year		3	475%	Achieved
	Indirect3 rd year		4	40%	Not achieved
Musanze	Direct	35.0%	5	163%	Achieved
	Indirect1 st year		5	113%	Achieved
	Indirect2 nd year		5	97%	Achieved
Rulindo	Direct	47.7%	3	131%	Achieved
	Indirect1 st year		3	61%	Achieved
	Indirect2 nd year		5	114%	Achieved
Rubavu	Direct	27.6%	4	1289%	Achieved
	Indirect1 st year		5	116%	Achieved

District	Direct/ Indirect (Year)	Indicator in PDM	Number of Surveyed Cooperatives	Increasing rate of Net income per area	Achievement
Nyamasheke	Direct	22.8%	3	178%	Achieved
	Indirect ^{1st} year		3	193%	Achieved

Source: JICA Project Team (2019)

According to the above results, the net income per member and per area are analyzed to evaluate the increase rate of net income of target cooperatives after SMAP activities. In some cases that the number of cooperative members increased or the area of cooperative farmland decreased after the baseline survey, the premises at the time of baseline survey have significantly changed in some cooperatives. For the case of a cooperative in Rubavu District, the net incomes per member have dropped substantially however the net incomes per area have greatly increased. Due to the above results, it is recommended that the net income per area should be analyzed to evaluate the annual income increase of the cooperative farmland because the number of cooperative members may increase or the area of cooperative farmland may decrease.

(2) Adaptation rate of SMAP Horticulture Techniques

The Project conducted the interview survey with the members of the target cooperatives about adaptation rate on 35 horticulture techniques both on horticulture and marketing. The adaptation rate of Rwamagana and Kirehe Districts is lower than other districts. Those districts could not conduct a series of cultivation training on horticulture due to delay of budget transfer from central level to the district. Therefore, the cultivation techniques which were provided in the latter half of the training were not understood and adapted in some cooperatives. However, most of the cooperatives have continued to apply many horticulture techniques that they learnt in the training since the techniques are easy to be understood by farmers themselves and are adapted with the equipment and materials which can be locally available.

Table 6 The Number of Cooperatives with more than 70% of Adaptation Rate of SMAP Horticulture Techniques (1)

	Direct	Indirect	Total
Number of Target Cooperatives of the Survey	27	50	77
Number of Cooperatives with more than 70% of Adaptation Rate of SMAP Horticulture Techniques	26	47	73
Rate (%)	96.3	90.4	94.8

Source: JICA Project Team (2019)

Table 7 The Number of Cooperatives with more than 70% of Adaptation Rate of SMAP Horticulture Techniques (2)

Category	Rwamagana	Kirehe	Rulindo	Musanze	Nyamasheke	Rubavu	Total
Number of Cooperatives surveyed	13	15	15	15	10	9	77
Number of Cooperatives with more than 70% of Adaptation Rate of SMAP Horticulture Techniques	10	14	15	15	10	9	73
Rate (%)	76.9	93.3	100.0	100.0	100.0	100.0	94.8

Source: JICA Project Team (2019)

(3) Impact of the Project Activities for Horticulture Cooperatives

The Project team conducted the interview survey with the members of the target cooperatives about

change in individual livelihoods and cooperative activities after receiving the SMAP training from the Project. The following table shows change in cooperative activities after the training on i) productivity, ii) quality, iii) marketing, iv) cooperative management and v) gender.

More than 90% of the cooperatives verified each activity had improved after SMAP activities. Some cooperatives in Rwamagana and Musanze Districts answered that their marketing situation did not change even after the training. Normally those cooperatives sell their produce only in two or three local markets nearby. Those cooperatives located in remote area which are far from the main or big market could not access to the new market channel. Regarding gender, most of the cooperatives understood the roles and responsibilities of both men and women in the farming activities and women were empowered to join the decision making in their family.

Table 8 Impact of the Project Activities for the Horticulture Cooperatives (1)

Category District	Productivity (Yield)				Quality			
	Up	Down	No	Total	Up	Down	No	Total
Rwamagana	12	0	1	13	14	0	0	14
Kirehe	17	0	0	17	17	0	0	17
Rulindo	15	0	0	15	15	0	0	15
Musanze	14	0	1	15	13	0	2	15
Nyamasheke	10	0	0	10	10	0	0	10
Rubavu	9	0	0	9	9	0	0	9
Total	77	0	2	79	78	0	2	80
Ratio (%)	97.5	0	2.5	100	97.5	0	2.5	100

Source: JICA Project Team (2019)

Table 9 Impact of the Project Activities for the Horticulture Cooperatives (2)

Category District	Marketing				Cooperative Management			
	Up	Down	No	Total	Up	Down	No	Total
Rwamagana	9	0	5	14	11	0	3	14
Kirehe	17	0	0	17	17	0	0	17
Rulindo	14	0	1	15	15	0	0	15
Musanze	13	0	2	15	14	1	0	15
Nyamasheke	10	0	0	10	9	0	0	9
Rubavu	9	0	0	9	8	1	0	9
Total	72	0	8	80	74	2	3	79
Ratio (%)	90.0	0	10.0	100	93.7	2.5	3.8	100

Source: JICA Project Team (2019)

Table 10 Impact of the Project Activities for the Horticulture Cooperatives (3)

Category District	Gender			
	Up	Down	No	Total
Rwamagana	6	0	*6	12
Kirehe	17	0	0	17
Rulindo	15	0	0	15
Musanze	15	0	0	15
Nyamasheke	8	0	2	10
Rubavu	9	0	0	9
Total	70	0	8	78
Ratio (%)	89.7	0	10.3	100

*Note: The training on cooperative management and gender was not conducted for 5 cooperatives among 6 cooperatives due to lack of the District budget.

Source: JICA Project Team (2019)

(4) Impact of the Project activities to the livelihoods of cooperative members

(a) Positive impact

Impacts of the project activities to the livelihoods of cooperative members are shown in the following table which are categorized in 4 categories; i) improvement of livelihoods, ii) income generation activities, iii) strengthening of organization and iv) others. The impact to the livelihoods of cooperative members was surveyed through interview with around 10 members from each cooperative. The total number of surveyed cooperatives is 81. It comes out from the analysis that the project activities greatly affected to the livelihoods of cooperative members after they gain some profit from the market-oriented farming with vegetables.

Table 11 Impact of the Project activities on the livelihoods of cooperative members

Category	District		Rwamagana	Kirehe	Rulindo	Musanze	Nyamasheke	Rubavu	Total	Ratio
	No. of Coops	Abb.	13	18	15	15	10	10	81	(%)
I.L.	KG/ Improve. In Nutrition	KG	10	17	12	15	10	10	74	91.4%
	Insurance	Ins	13	18	12	15	10	5	73	90.1%
	Saving	Sav	13	17	9	10	10	8	67	82.7%
	Loan within coop	Loa	4	17	9	13	7	5	55	67.9%
	School fee	Sch	7	18	1	13	10	3	52	64.2%
	Clothing	Clo	7	16	1	13	10	2	49	60.5%
	Access to Electricity	Ele	4	18	1	4	10	2	39	48.1%
	Reparing of House. Etc.	hou.	10	18	2	1	3	2	36	44.4%
Provision of charcoal Stove	Sto	0	0	1	1	0	0	2	2.5%	
IGA	Livestock Rearing	Liv	7	18	7	14	1	6	53	65.4%
	Agri equipment, machine	AEM	11	18	10	9	1	1	50	61.7%
	Contract Farming	Con	6	14	4	4	0	1	29	35.8%
	Small Scale Processing	Sca	0	1	0	0	0	0	1	1.2%
SO	Ripple Effect	Rip	10	17	8	7	10	6	58	71.6%
	Group Purchasing/ Agri Input	Pur	8	18	10	5	10	1	52	64.2%
	Str. & Exp. of organization	Org	7	14	2	8	10	3	44	54.3%
	Buy coop farmland	Lan	2	15	2	2	3	4	28	34.6%
	Good Prize in an Agri Show	Pri	1	1	0	0	0	1	3	3.7%
Others, *1)	Oth	1	0	0	0	0	0	1	1.2%	

Note: I.L.: Improvement of Livelihood, IGA: Income Generation Activities, SO: Strengthening of Organization

Source: JICA Project Team (2019)

i) Improvement of livelihoods

91% of the cooperatives (74 cooperatives among 81) have improved their nutrition situation by consuming more vegetables from the kitchen garden or surplus of the field. The members of 90% of the cooperatives were enrolled to health insurance (mutuelle) which allows them to get a medical treatment with only 10% of the payment once they have only paid enrolment fees of 3,000Rwf/person/year. Other activities for improvement of livelihoods such as saving and loan system within the cooperatives have been conducted by 90% and 83% of 81 cooperatives respectively. In addition, repairing of house and paying school fees etc. were done by the cooperative members with the profit from vegetables.

ii) Income generation activities

As activities for income generation, 65% of the cooperatives have started livestock rearing, 62% of the cooperatives have purchased the agricultural equipment or machines like mobile motor pump. Moreover, 29 among 81 cooperatives have concluded the contract with a private food company on cultivation of broccoli or sweet pepper etc.

iii) Strengthening of Organization

As an effect to the strengthening of cooperative organization by the project activities, 72% for ripple effect to the neighboring farmers, 64% for group purchasing for input materials, 54% for cooperative

activities such as increase of the members, expanding the cooperative farmland etc. Three cooperatives of 2nd indirect year in Rwamagana District won the good prize during Agri-show in Muhanga Districts.

iv) Others

A previous cooperative leader has taught farming with MAEP and experience of SMAP activities as a teacher of elementary school.

(b) Negative impact

Although the positive impacts above are noted in many cooperatives, some negative impacts are also shown in some cooperatives as below.

i) Negative external factor

- ✓ Damage by climate change, such as heavy drought (especially in 2017) and flood (every year).
- ✓ Damage during transportation due to poor access from the field to the market.
- ✓ Damage by harmful insect for eggplant or tomato etc.

ii) In Rwamagana District

- ✓ Limited season for vegetable cultivation because of policy change on field utilization.
- ✓ Harmful insect for eggplant.
- ✓ The cooperative could not access to the only local market due to its location which is far from the big market.
- ✓ The cooperative management failed due to unclear management on account for loan system within the cooperative.

iii) In Kirehe District

- ✓ Limited season for vegetable cultivation because of policy change on field utilization.
- ✓ Failing to be paid in 1.2 million for selling the vegetables by private vegetable export company.
- ✓ Harmful insect for tomato

iv) In Rulindo District

- ✓ Price reduction because many nearby cooperatives cultivated the same vegetables at the same time.
- ✓ The cooperative could not access to the only local market due to its location which is far from the big market.
- ✓ Account management of the cooperatives became unclear.
- ✓ Productivity decreased due to acid soil.

v) In Musanze District

- ✓ Price reduction because many nearby cooperatives cultivated the same vegetables at the same time.
- ✓ Participation of cooperative members for the activities in the cooperative farmland was low.
- ✓ Productivity decreased because the cooperative did not make nursery

vi) In Nyamasheke District

- ✓ Because the cooperative farmland was in the environmental regulatory conservation area of the lake, half of its land was not able to be cultivated.

vii) In Rubavu District

- ✓ Account of the cooperatives became unclear.
- ✓ Participation of cooperative members for the activities in the cooperative farmland was low.
- ✓ Leadership of the cooperative is low.

Annex X.II Report of End-line Survey on Rice Cultivation

1. Objective of the Survey

Objectives of the end-line survey are:

- To evaluate the indicator b, “Agricultural profits of the (direct/indirect) target rice cooperatives are increased by 2.6% in Rwamagana District and 11.7% in Kirehe District, 7.4% in Kayonza District, 36.1% in Gisagara District, 55.9% in Huye District, and 71.4% in Ruhango District.” of the project purpose;
- To evaluate the indicator b, “70% of the (direct/indirect) target cooperatives practice at least 80% of the improved techniques.” of the output 3;
- To evaluate the indicator c, “Yields of rice in the (direct/indirect) target cooperatives increase by at least 2.6% in Rwamagana District and 11.7% in Kirehe District, 7.4% in Kayonza District, 36.1% in Gisagara District, 55.9% in Huye District, and 71.4% in Ruhango District.” of the output 3; and
- To evaluate positive impacts of the SMAP training in the target cooperatives.

2. Contents of the Survey

The following items were surveyed in the end-line survey:

- (1) Cooperative Profit (calculated based on the sale paddy amount and cooperative commission),
- (2) Yield (calculated based on the cultivated area and collected paddy amount),
- (3) Dissemination Rate of SMAP Rice Cultivation Techniques, and
- (4) Positive Impact of the SMAP Training.

3. Methodology of the Survey

(1) Cooperative Profit and Yield

The following items in the end-line target period: 2018B season (January to June 2018) and 2019A season (July to December 2018), were collected using the questionnaire:

- 1) Cultivated Area (ha),
- 2) Collected Paddy Amount (ton),
- 3) Sale Paddy Amount (ton),
- 4) Sale Price (Rwf/kg), and
- 5) Cooperative Commission (Rwf/kg).

Based on the above items, the cooperative profit and yield in the target cooperatives were calculated and compared with the baseline result.

(2) Dissemination Rate of SMAP Rice Cultivation Techniques

The dissemination rate survey was made as follows:

- 1) Invite all zone leaders (association leaders) in the target cooperative;
- 2) Ask zone leaders (association leaders) how many percentages of members in their zone apply each SMAP rice cultivation technique (thirty-eight (38) cultivation techniques in total) or not, using the questionnaire as shown in Attachment 1; and
- 3) If all the members have not applied a technique, clarify the reason why some of them have not applied.

(3) Positive Impact of the SMAP Training

Positive impact of the SMAP training at a household level was collected through the interview survey with the zone leaders of the cooperative during the dissemination rate survey. While, positive impact at the cooperative level was collected through the interview survey with the cooperative president.

4. Target Cooperative for the Survey

Target cooperatives for the survey are direct cooperatives supported by SMAP and indirect cooperatives supported by the target districts up to the fourth project year as shown in the following table.

Table 1 Target Cooperatives in the End-line Survey

District	Cooperative	Direct/ Indirect
Rwamagana	Cocuricyi	Direct
	Cocuriga	Indirect
	Cocuribu	Indirect
	Coricya	Indirect
	Ejoheza Rugende* ¹	Indirect
Kirehe	MRGC	Direct
	Corimu	Indirect
	Isabane	Indirect
	KRGC	Indirect
Kayonza	Cocurivamu	Direct
	Cocuriru	Indirect
	Cocurika* ²	Indirect
Gisagara	Coprорiz Ngiryi	Direct
	Garukurore Akaboti	Indirect
Huye	Jyambere Muhinzi wa Huye	Direct
	Twongerumusaruro	Indirect
Ruhango	Cotemunyaruru	Direct

*1: As Ejoheza Rugende Cooperative has cultivated paddy from the 2018B season and there is no baseline data before the training by the District, the cooperative is excluded from the target cooperative for the survey on the cooperative profit and yield.

*2: As Kayonza District has not yet finished the training for two cropping seasons in Cocurika Cooperative by the end-line target period, the cooperative is excluded from the target cooperative for the survey on the cooperative profit and yield.

Source: JICA Project Team (2019)

5. Result of the Survey

(1) Cooperative Profit and Yield

Baseline and end-line surveys on the cooperative profit and yield were made by the SMAP Team in collaboration with the district agriculture officer and sector agronomists. Target seasons of the baseline survey are the previous two cropping season before SMAP or District conducted the series of FFS. While, target seasons of the end-line survey are 2018B season (January to June 2018) and 2019A season (July to December 2018).

As the cultivated area in some cooperatives in each district have changed due to new reclamation, abandonment by severe siltation and so on, it is difficult to compare the cooperative profit under the same condition with the baseline. Therefore, in order to evaluate outputs properly, cooperative profit per area of the baseline and end-line is compared. Detail result in each cooperative is shown in Attachment 2 and the result in each district is summarized below.

1) Rwamagana District

Table 2 presents the baseline and end-line results in Rwamagana District. Target cooperatives are one (1) direct cooperative and three (3) indirect cooperatives.

Table 2 Baseline and End-line Results in Rwamagana District

Direct/Indirect	Baseline (B/L)/ End-line (E/L)	Season	Cultivated Area (ha)	Collected Paddy Amount (kg)	Yield (kg/ha)	Coop Profit (Million Rwf)	Coop Profit Per Area (Rwf/ha)
Direct	B/L	B	50.6	232,901	4,603	1.2	23,014
		A	47.0	222,803	4,740	1.1	23,702
		Total	97.6	455,704	4,669	2.3	46,716
	E/L	B	53.5	265,010	4,953	1.3	24,767
		A	53.5	198,696	3,714	1.0	18,570
		Total	107.0	463,706	4,334	2.3	43,337
	Increasing Rate	B	5.7%	13.8%	7.6%	8.3%	7.6%
		A	13.8%	-10.8%	-21.6%	-9.1%	-21.7%
		Total	9.6%	1.8%	-7.2%	0.0%	-7.2%
Indirect	B/L	B	156.4	751,440	4,805	3.8	24,582
		A	111.0	468,287	4,219	2.3	20,935
		Total	267.4	1,219,727	4,561	6.1	45,516
	E/L	B	154.0	781,439	5,074	3.9	25,069
		A	138.4	644,785	4,659	3.3	23,221
		Total	292.4	1,426,224	4,878	7.2	48,291
	Increasing Rate	B	-1.5%	4.0%	5.6%	2.6%	2.0%
		A	24.7%	37.7%	10.4%	43.5%	10.9%
		Total	9.3%	16.9%	7.0%	18.0%	6.1%
Total	B/L	B	207.0	984,341	4,755	5.0	24,190
		A	158.0	691,090	4,374	3.4	21,627
		Total	365.0	1,675,431	4,590	8.4	45,816
	E/L	B	207.5	1,046,449	5,043	5.2	24,994
		A	191.9	843,481	4,395	4.3	22,058
		Total	399.4	1,889,930	4,732	9.5	47,052
	Increasing Rate	B	0.2%	6.3%	6.1%	4.0%	3.3%
		A	21.5%	22.1%	0.5%	26.5%	2.0%
		Total	9.4%	12.8%	3.1%	13.1%	2.7%
Target Increasing Rate in the PDM			-	-	2.6%	2.6%	2.6%

Source: JICA Project Team (2019)

As shown in Table 2, while the yield (kg/ha) and cooperative profit per area (Rwf/ha) in the direct support cooperative decreased by 7.2%, in the indirect support cooperatives, they increased by 7.0% and 6.1%, respectively. In the direct support cooperative, although the yield in the B season increased by 7.6%, in the A season it decreased by 21.6%. Decrease of the yield in the A season which contributed to the decrease of the cooperative profit per area was caused by water shortage due to the rehabilitation of the barrage. However, as the indirect support cooperatives improved the yield and cooperative profit, Rwamagana District in total improved the yield and cooperative profit per area by 3.1% and 2.7%, respectively and achieved the target value in the PDM.

2) Kirehe District

Table 3 presents the baseline and end-line results in Kirehe District. Target cooperatives are one (1) direct cooperative and three (3) indirect cooperatives.

Table 3 Baseline and End-line Results in Kirehe District

Direct/Indirect	Baseline (B/L)/ End-line (E/L)	Season	Cultivated Area (ha)	Collected Paddy Amount (kg)	Yield (kg/ha)	Coop Profit (Million Rwf)	Coop Profit Per Area (Rwf/ha)
Direct	B/L	B	65.0	43,389	668	0.5	7,343
		A	70.0	116,608	1,666	1.3	18,324
		Total	135.0	159,997	1,185	1.8	25,667
	E/L	B	101.0	593,388	5,875	11.5	232,126
		A	101.0	692,279	6,854	12.0	118,812
		Total	202.0	1,285,667	6,365	23.5	350,937
	Increasing Rate	B	55.4%	1267.6%	779.5%	2200.0%	3061.3%
		A	44.3%	493.7%	311.4%	823.1%	548.4%
		Total	49.6%	703.6%	437.1%	1205.6%	1267.3%
Indirect	B/L	B	72.0	329,619	4,578	5.5	58,404
		A	112.0	528,769	4,721	9.0	53,099
		Total	184.0	858,388	4,665	14.5	111,503
	E/L	B	157.0	877,644	5,590	15.4	132,615
		A	137.0	776,534	5,668	14.8	111,548
		Total	294.0	1,654,178	5,626	30.2	244,163
	Increasing Rate	B	118.1%	166.3%	22.1%	180.0%	127.1%
		A	22.3%	46.9%	20.1%	64.4%	110.1%
		Total	59.8%	92.7%	20.6%	108.3%	119.0%
Total	B/L	B	137.0	373,008	2,723	6.0	45,638
		A	182.0	645,377	3,546	10.3	44,405
		Total	319.0	1,018,385	3,192	16.3	90,044
	E/L	B	258.0	1,471,032	5,702	26.9	132,615
		A	238.0	1,468,813	6,171	26.8	111,548
		Total	496.0	2,939,845	5,927	53.7	244,163
	Increasing Rate	B	88.3%	294.4%	109.4%	348.3%	190.6%
		A	30.8%	127.6%	74.0%	160.2%	151.2%
		Total	55.5%	188.7%	85.7%	229.4%	171.2%
Target Increasing Rate in the PDM			-	-	11.7%	11.7%	11.7%

Source: JICA Project Team (2019)

As shown in Table 3, the yield (kg/ha) and cooperative profit per area (Rwf/ha) remarkably increased by 437.1% and 1267.3% in the direct support cooperative and 20.6% and 119.0% in the indirect support cooperative, respectively. As a result, Kayonza District in total improved the yield and cooperative profit per area by 85.7% and 171.2%, respectively and achieved the target value in the PDM.

3) Kayonza District

Table 4 presents the baseline and end-line results in Kayonza District. Target cooperatives are one (1) direct cooperative and one (1) indirect cooperative.

Table 4 Baseline and End-line Results in Kayonza District

Direct/Indirect	Baseline (B/L)/ End-line (E/L)	Season	Cultivated Area (ha)	Collected Paddy Amount (kg)	Yield (kg/ha)	Coop Profit (Million Rwf)	Coop Profit Per Area (Rwf/ha)
Direct	B/L	B	43.0	160,586	3,735	0.8	18,673
		A	43.0	160,240	3,727	0.8	18,633
		Total	86.0	320,826	3,731	1.6	37,305
	E/L	B	40.0	161,401	4,031	0.8	20,155
		A	40.9	186,451	4,563	0.9	22,816
		Total	80.9	347,852	4,300	1.7	42,971
	Increasing Rate	B	-7.0%	0.5%	7.9%	0.0%	7.9%
		A	-4.9%	16.4%	22.4%	12.5%	22.5%
		Total	-5.9%	8.4%	15.3%	6.3%	15.2%
Indirect	B/L	B	32.0	184,684	5,771	0.8	25,732
		A	32.0	191,496	5,984	0.9	26,796
		Total	64.0	376,180	5,878	1.7	52,528
	E/L	B	22.0	130,618	5,937	0.7	29,686
		A	27.0	170,983	6,333	0.9	31,664
		Total	49.0	301,601	6,155	1.6	61,349
	Increasing Rate	B	-31.3%	-29.3%	2.9%	-12.5%	15.4%
		A	-15.6%	-10.7%	5.8%	0.0%	18.2%
		Total	-23.4%	-19.8%	4.7%	-5.9%	16.8%
Total	B/L	B	75.0	345,270	4,604	1.6	22,202
		A	75.0	351,736	4,690	1.7	22,714
		Total	150.0	697,006	4,647	3.3	44,917
	E/L	B	62.0	292,019	4,710	1.5	24,920
		A	67.9	357,434	5,264	1.8	27,240
		Total	129.9	649,453	5,000	3.3	52,160
	Increasing Rate	B	-17.3%	-15.4%	2.3%	-6.3%	12.2%
		A	-9.5%	1.6%	12.2%	5.9%	19.9%
		Total	-13.4%	-6.8%	7.6%	0.0%	16.1%
Target Increasing Rate in the PDM			-	-	7.4%	-	7.4%

Source: JICA Project Team (2019)

As shown in Table 4, the yield (kg/ha) and cooperative profit per area (Rwf/ha) increased by 15.3% and 15.2% in the direct support cooperative and 4.7% and 16.8% in the indirect support cooperative, respectively. As a result, Kayonza District in total improved the yield and cooperative profit per area by 7.6% and 16.1%, respectively and achieved the target value in the PDM.

4) Gisagara District

Table 5 presents the baseline and end-line results in Gisagara District. Target cooperatives are one (1) direct cooperative and one (1) indirect cooperative.

Although it is common for rice cooperatives to collect the commission based on the paddy sales amount in Rwanda, Garukurore Akaboti cooperative, the indirect support cooperative in Gisagara District has collected the commission based on the cultivated area (1,000 Rwf/ 4 are). In the existing cooperative commission collection system, it is difficult to grasp the improvement of the cooperative profit through the support by the district. Therefore, in order to evaluate the output accurately, instead of the cooperative profit per area, the paddy sales amount per area (kg/ha) is evaluated under the concept that if the paddy sales amount increases, the cooperative profit also increases under the common system in rice cooperatives in Rwanda.

Table 5 Baseline and End-line Results in Gisagara District

Direct/Indirect	Baseline (B/L)/ End-line (E/L)	Season	Cultivated Area (ha)	Collected Paddy Amount (kg)	Yield (kg/ha)	Coop Profit (Million Rwf)	Coop Profit Per Area (Rwf/ha)	Paddy Sales Amount (kg)	Paddy Sales Amount Per Area (kg/ha)
Direct	B/L	B	158.0	540,046	3,418	3.2	20,508	540,046	3,418
		A	70.0	271,295	3,876	1.6	22,674	264,525	3,779
		Total	228.0	811,341	3,559	4.8	43,182	804,571	3,529
	E/L	B	103.0	600,000	5,825	3.5	33,786	580,000	5,631
		A	65.0	263,000	4,046	1.5	23,354	253,000	3,892
		Total	168.0	863,000	5,137	5.0	57,140	833,000	4,958
	Increasing Rate	B	-34.8%	11.1%	70.4%	9.4%	64.7%	7.4%	64.7%
		A	-7.1%	-3.1%	4.4%	-6.3%	3.0%	-4.4%	3.0%
		Total	-26.3%	6.4%	44.3%	4.2%	32.3%	3.5%	40.5%
Indirect	B/L	B	35.0	24,000	686	0.9	250,000	24,000	686
		A	30.0	33,304	1,110	0.8	250,000	33,304	1,110
		Total	65.0	57,304	882	1.7	500,000	57,304	882
	E/L	B	34.0	105,240	3,095	0.9	250,000	85,000	2,500
		A	27.0	129,600	4,800	0.7	250,000	96,465	3,573
		Total	61.0	234,840	3,850	1.6	500,000	181,465	2,975
	Increasing Rate	B	-2.9%	338.5%	351.2%	0.0%	0.0%	254.2%	264.4%
		A	-10.0%	289.1%	332.4%	-12.5%	0.0%	189.6%	221.9%
		Total	-6.2%	309.8%	336.5%	-5.9%	0.0%	216.7%	237.3%
Total	B/L	B	193.0	564,046	2,923	4.1	135,254	564,046	2,923
		A	100.0	304,599	3,046	2.4	136,337	297,829	2,978
		Total	293.0	868,645	2,965	6.5	271,591	861,875	2,942
	E/L	B	137.0	705,240	5,148	4.4	141,893	665,000	4,854
		A	92.0	392,600	4,267	2.2	136,677	349,465	3,799
		Total	229.0	1,097,840	4,794	6.6	278,570	1,014,465	4,430
	Increasing Rate	B	-29.0%	25.0%	76.1%	7.3%	4.9%	17.9%	66.1%
		A	-8.0%	28.9%	40.1%	-8.3%	0.2%	17.3%	27.6%
		Total	-21.8%	26.4%	61.7%	1.5%	2.6%	17.7%	50.6%
Target Increasing Rate in the PDM			-	-	36.1%	-	36.1%	-	36.1%

Source: JICA Project Team (2019)

As shown in Table 5, the yield (kg/ha) increased by 44.3% in the direct support cooperative and 336.5% in the indirect support cooperative. While, as mentioned above, as the indirect support cooperative has collected the cooperative commission based on the cultivated area, the cooperative profit per area (Rwf/ha) in Gisagara District increased by only 2.6%. However, paddy sales amount per area increased by 40.5% in the direct support cooperative and by 237.3% in the indirect support cooperative. As a result, Gisagara District in total improved the yield and paddy sales amount per area by 61.7% and 50.6%, respectively and achieved the target value in the PDM.

5) Huye District

Table 6 presents the baseline and end-line results in Huye District. Target cooperatives are one (1) direct cooperative and one (1) indirect cooperative.

Although it is common for rice cooperatives to collect the commission based on the paddy sales amount in Rwanda, Jyambere Muhinzi wa Huye Cooperative, the direct support cooperative in Huye District, had not collected the commission before SMAP started the support. Therefore, as the baseline data on the cooperative profit in the target cooperative has not been available, in order to evaluate the output accurately, instead of the cooperative profit per area, the paddy sales amount per area (kg/ha) is compared like Gisagara District.

Table 6 Baseline and End-line Results in Huye District

Direct/Indirect	Baseline (B/L)/ End-line (E/L)	Season	Cultivated Area (ha)	Collected Paddy Amount (kg)	Yield (kg/ha)	Coop Profit (Million Rwf)	Coop Profit Per Area (Rwf/ha)	Paddy Sales Amount (kg)	Paddy Sales Amount Per Area (kg/ha)
Direct	B/L	B	28.3	8,235	292	0.0	0	8,235	291
		A	28.3	13,919	493	0.0	0	13,919	492
		Total	56.6	22,154	391	0.0	0	22,154	391
	E/L	B	32.0	49,685	1,553	0.7	21,737	34,779	1,087
		A	32.0	81,463	2,546	1.1	35,640	57,024	1,782
		Total	64.0	131,148	2,049	1.8	57,377	91,803	1,434
	Increasing Rate	B	13.1%	503.3%	431.8%	-	-	322.3%	273.5%
		A	13.1%	485.3%	416.4%	-	-	309.7%	262.2%
		Total	13.1%	492.0%	424.0%	-	-	314.4%	266.8%
Indirect	B/L	B	62.0	158,357	2,554	3.2	51,083	158,357	2,554
		A	62.0	163,108	2,631	3.3	52,615	163,108	2,631
		Total	124.0	321,465	2,592	6.5	103,698	321,465	2,592
	E/L	B	42.0	146,071	3,478	2.7	64,796	136,071	3,240
		A	35.0	104,302	2,980	2.1	59,601	104,302	2,980
		Total	77.0	250,373	3,252	4.8	124,397	240,373	3,122
	Increasing Rate	B	-32.3%	-7.8%	36.2%	-15.6%	26.8%	-14.1%	26.9%
		A	-43.5%	-36.1%	13.3%	-36.4%	13.3%	-36.1%	13.3%
		Total	-37.9%	-22.1%	25.5%	-26.2%	20.0%	-25.2%	20.4%
Total	B/L	B	90.3	166,592	1,845	3.2	25,541	166,592	1,845
		A	90.3	177,027	1,960	3.3	26,308	177,027	1,960
		Total	180.6	343,619	1,903	6.5	51,849	343,619	1,903
	E/L	B	74.0	195,756	2,645	3.4	43,266	170,850	2,309
		A	67.0	185,765	2,773	3.2	47,621	161,326	2,408
		Total	141.0	381,521	2,706	6.6	90,887	332,176	2,356
	Increasing Rate	B	-18.1%	17.5%	43.4%	-	-	2.6%	25.1%
		A	-25.8%	4.9%	41.5%	-	-	-8.9%	22.9%
		Total	-21.9%	11.0%	42.2%	-	-	-3.3%	23.8%
Target Increasing Rate in the PDM			-	-	55.9%	-	55.9%	-	55.9%

Source: JICA Project Team (2019)

As shown in Table 6, the yield (kg/ha) and paddy sales amount per area (kg/ha) increased by 424.0% and 266.8% in the direct support cooperative and 25.5% and 20.4% in the indirect support cooperative, respectively. As a result, Huye District in total improved the yield and paddy sales amount per area by 42.2% and 23.8%, respectively. However, Huye District could not achieve the target value in the PDM as the direct support cooperative could not achieve the target yield (3,000 kg/ha) which was decided through the discussion with Huye District because of the following reasons:

i) Inadequate development of irrigation facility, and

As the quality of the irrigation facility developed by the Quick Wins Marchland Development Program by MINAGRI has been inadequate, some cooperative members did not get water at a proper time and could not improve the yield. In addition, as the cooperative members dried paddy at their house due to insufficient space of the dry yard and they sold the dried paddy illegally or consumed at their house not providing to the cooperative, the collected paddy amount did not increase much more than expected.

ii) Low temperature during the 2018B season

The direct support cooperative located in the high altitude (around 1,600 m) faced low temperature during the 2019 B season compared to the ordinary season. Therefore, the paddy growth did not go well and as a result, the yield did not increase. The tendency of the low yield in the 2019 B season was high in Southern Province as many cooperatives are located in the higher altitude than ones in Eastern Province. While, according to the result of the sampling in the paddy plot of the twenty-six (26) participants of FFS by SMAP, which was conducted at the same season as the end-line survey, their average yield was around 5,000 kg/ha as shown in Table 7.

Table 7 Sampling Result in Direct Support Cooperative in 2019B and 2019A Seasons

Season	No. of Sampling ^{*1}	Sampling Yield (kg/ha)	Cooperative Yield (kg/ha)
2018B	26	3,685	1,553
2019A	26	6,407	2,546
Total	52	5,046	2,049

*1: The number of sampling is around 6% of the total cooperative members.

Source: JICA Project Team (2019)

Table 7 and the following dissemination rate survey reveals that the cooperative members have applied the SMAP rice cultivation techniques and improved the yield, and it is suggested that the end-line result might not match the actual yield of the cooperative.

6) Ruhango District

Table 8 presents the baseline and end-line results in Ruhango District. Target cooperatives is one (1) direct cooperative.

Table 8 Baseline and End-line Results in Ruhango District

Direct/Indirect	Baseline (B/L)/ End-line (E/L)	Season	Cultivated Area (ha)	Collected Paddy Amount (kg)	Yield (kg/ha)	Coop Profit (Million Rwf)	Coop Profit Per Area (Rwf/ha)
Direct	B/L	B	80.0	129,208	1,615	1.3	16,151
		A	30.0	65,000	2,167	0.7	21,667
		Total	110.0	194,208	1,766	2.0	37,818
	E/L	B	80.0	175,383	2,192	1.5	18,273
		A	30.0	90,000	3,000	0.8	25,000
		Total	110.0	265,383	2,413	2.3	43,273
	Increasing Rate	B	0.0%	35.7%	35.7%	15.4%	13.1%
		A	0.0%	38.5%	38.4%	14.3%	15.4%
		Total	0.0%	36.6%	36.6%	15.0%	14.4%
Target Increasing Rate in the PDM			-	-	71.4%	71.4%	71.4%

Source: JICA Project Team (2019)

As shown in Table 8, the yield (kg/ha) and cooperative profit per area (Rwf/ha) increased by 36.6% and 14.4%, respectively. However, Ruhango District could not achieve the target value in the PDM as the direct support cooperative could not achieve the target yield (3,000 kg/ha) which was decided through the discussion with Ruhango District because of the following reasons:

i) Delay of Paddy Collection by Rice Miller in the 2019B Season and Insufficient Dry Yard, and

In the direct support cooperative in Ruhango District, paddy collection by the rice miller in the 2019B season (target season of the end-line survey) was delayed due to insufficient financial resource to procure paddy. This and insufficient dry yard caused the illegal sale of much paddy in order for farmers to get cash soon after selling paddy. Therefore, collected paddy amount did not increase much more than expected.

ii) Low temperature during the 2018B season

The direct support cooperative in Ruhango District faced low temperature as well as the direct support cooperative in Huye District and the paddy growth did not go well. As a result, the yield did not increase. Detail information is shown in the part of Huye District.

While, according to the result of the sampling in the paddy plot of the twenty-six (26) participants of FFS by SMAP, which was conducted at the same season as the end-line survey, their average yield was around 5,300 kg/ha as shown in Table 9.

Table 9 Sampling Result in Direct Support Cooperative in 2019B and 2019A Seasons

Season	No. of Sampling ^{*1}	Sampling Yield (kg/ha)	Cooperative Yield (kg/ha)
2018B	26	4,717	2,192
2019A	26	5,897	3,000
Total	52	5,307	2,413

*1: The number of sampling is around 6% of the total cooperative members.

Source: JICA Project Team (2019)

Table 9 and the following dissemination rate survey reveals that the cooperative members have applied the SMAP rice cultivation techniques and improved the yield, and it is suggested that the end-line result might not match the actual yield of the cooperative.

7) Achievement of the Indicator of the Project Purpose and Output 3

Achievement of the indicator of the project purpose and output 3 in each target district is summarized in the following table:

Table 10 Achievement of the Indicator of the Project Purpose and Output 3 in each District

Target District	Achievement on Cooperative Profit (Indicator of the Project purpose)		Achievement on Unit Yield (Indicator of the Output 3.c)	
	Target Value in the PDM	End-line Survey Result	Target Value in the PDM	End-line Survey Result
Rwamagana	2.6%	2.7%	2.6%	3.1%
Kirehe	11.7%	171.2%	11.7%	85.7%
Kayonza	7.4%	16.1%	7.4%	7.6%
Gisagara	36.1%	50.6%	36.1%	61.7%
Huye	55.9%	23.8%	55.9%	42.2%
Ruhango	71.4%	14.4%	71.4%	36.6%

Source: JICA Project Team (2019)

As shown in the above table, Huye District and Ruhango District could not achieve the target cooperative profit (indicator of the project purpose) and yield (indicator of the output 3) in the PDM.

(2) Dissemination Rate of SMAP Rice Cultivation Techniques

Target cooperatives of the dissemination rate survey are seventeen (17) cooperatives supported by SMAP and each target district. Result of the dissemination rate survey is summarized in Table 11.

Table 11 Dissemination Rate of SMAP Rice Cultivation Techniques

Cooperative	District	Direct/Indirect	Dissemination Rate
Cocuricyi	Rwamagana	Direct	89.7%
Cocuriga	Rwamagana	Indirect	85.1%
Cocuribu	Rwamagana	Indirect	90.4%
Coricya	Rwamagana	Indirect	86.0%
Ejoheza Rugende	Rwamagana	Indirect	87.9%
MRGC	Kirehe	Direct	98.5%
Corimu	Kirehe	Indirect	77.2%
Isabane	Kirehe	Indirect	82.8%
KRGC	Kirehe	Indirect	91.1%
Cocurivamu	Kayonza	Direct	87.0%
Cocuriru	Kayonza	Indirect	83.1%
Cocurika	Kayonza	Indirect	86.3%
Coproriz Ngiryi	Gisagara	Direct	92.1%
Garukurore Akaboti	Gisagara	Indirect	82.3%
Jyambere Muhinzi wa Huye	Huye	Direct	96.8%
Twongerumusaruro	Huye	Indirect	81.9%
Cotemunyaruru	Ruhango	Direct	85.9%
Percentage of the cooperatives which practice more than 80% of the SMAP techniques			94.1%

Source: JICA Project Team (2019)

As shown in Table 11, around 94% of the target cooperative, that is, the sixteen (16) cooperatives in total except for Corimu, indirect cooperative in Kirehe District have applied more than 80% of the SMAP rice cultivation techniques. According to the Kirehe District Agriculture Officer, in Corimu cooperative, after new board members and zone leaders were selected on May 2018, the application rate of the SMAP techniques has decreased because of their low understanding level of the techniques and inadequate leadership. Therefore, the District is supposed to give refreshment trainings to new board members and zone leaders of the cooperative from the 2020A season (from July to December 2019) in order to improve their understanding level of the SMAP techniques.

Table 12 and 13 shows the dissemination rate in each support type (direct or indirect) and district, respectively.

Table 12 Dissemination Rate of SMAP Rice Cultivation Techniques based on Support Type

Direct/Indirect	Dissemination Rate
Direct	91.7%
Indirect	85.0%

Source: JICA Project Team (2019)

Table 13 Dissemination Rate of SMAP Rice Cultivation Techniques in Each District

District	Dissemination Rate
Rwamagana	87.8%
Kirehe	87.4%
Kayonza	85.7%
Gisagara	87.2%
Huye	89.4%
Ruhango	85.9%

Source: JICA Project Team (2019)

Table 12 presents that the dissemination rate in the direct support cooperatives is around 6% more than the indirect support cooperatives. While, as shown in Table 13, the difference between Huye District of the highest dissemination rate and Kayonza District of the lowest dissemination rate is around 4% and it is revealed that the SMAP rice cultivation techniques have been disseminated uniformly in each district. Techniques which are less than 70% of the dissemination rate and the reason why the farmers have not applied is shown in Table 14.

Table 14 Techniques which are less than 70% of the Dissemination Rate and the Reason

SMAP Cultivation Technique	Direct /Indirect /Total	Dissemination Rate	Reason why cultivation techniques have not been applied
Mulching bed by grass/banana leaves after sowing (not by rice straw)	Direct	80.1%	<ul style="list-style-type: none"> It is difficult to find grasses or banana leaves for mulching. Farmers usually use grasses or banana leaves for mulching vegetables.
	Indirect	53.7%	
	Total	68.1%	
Plow-in rice straw or compost at the time of the first plowing of paddy field	Direct	71.6%	<ul style="list-style-type: none"> Some farmers do not understand the importance of plowing in rice straw. Plowing in rice straw takes much cost and time.
	Indirect	66.1%	
	Total	69.1%	
Dry paddy properly by spreading in a layer of about 5 cm on concrete dry yard or tarpaulin and turn over periodically	Direct	67.1%	<ul style="list-style-type: none"> As dry yards are limited in the cooperatives and many farmers dry paddy at the same time, each farmer want to dry paddy quickly at a layer of two (2) to three (3) cm for other farmers.
	Indirect	47.3%	
	Total	58.1%	
Use log or pallet for storing bagged paddy indoor if storing for long time	Direct	33.3%	<ul style="list-style-type: none"> As a rice miller comes to pick up paddy soon after drying, farmers do not need store paddy for long time.
	Indirect	21.0%	
	Total	27.7%	

Source: JICA Project Team (2019)

(3) Positive Impact of the SMAP Training

1) Cooperative Level

Table 15 shows the positive impacts of the SMAP training on the target cooperatives.

Table 15 Impact of SMAP Training at Cooperative Level

Category	District	Rwamagana	Kirehe	Kayonza	Gisagara	Huye	Ruhango	Total
	No. of Coops							
	Impact	5	4	3	2	2	1	17
Income Generating Activity	Procurement of Agricultural Equipment	2	2	1	0	1	0	6
	Procurement of Land	4	4	3	1	2	0	14
	Construction of House in Procured Land	3	2	2	0	0	0	7
	Sub-total	9	8	6	1	3	0	27
Improvement of Living	Health Insurance	0	2	0	2	2	1	7
	Loan within Coop	1	2	1	1	2	1	8
	Access to Electricity in Coop Office	3	0	0	0	1	0	4
	Sub-total	4	4	1	3	5	2	19
Strengthening of Organization	Procurement of Office Equipment	4	4	2	1	0	0	11
	Employment of New Staff	3	3	0	2	1	0	9
	Sub-total	7	7	2	3	1	0	20
Total		20	19	9	7	9	2	66

Source: JICA Project Team (2019)

The positive impacts are classified into three items, i) income generating activity, ii) improvement of living, and iii) strengthening of the organization. In the aspect of income generating activity, around 80% of the target cooperatives procured new lands in order to start a business for renting or construct a cooperative office and around 40% already constructed houses for rent or cooperative office in the procured land. In the aspect of improvement of living, around 50% have managed loan for cooperative members. In the aspect of strengthening of the organization, around 60% procured office equipment and around 50% employed new staff like an accountant and a full-time agronomist for better management of

the cooperative. As mentioned above, after the SMAP training, as the result of the improvement of the yield and profit, the cooperative has got several positive impacts.



Photo 1 Constructed House for Business Expansion by Cooperative



Photo 2 Procured Truck for Paddy Transportation by Cooperative

2) Household Level

Impacts of the SMAP training at household level is classified into two items, i) income generating activity, and ii) improvement of living. In each item, specific impacts are as follows:

- i) Income generating activity
 - Purchase of livestock, and
 - Procurement of farms for upland crops.
- ii) Improvement of Living
 - Savings of the paddy sales amount,
 - Taking out health insurance,
 - Payment of school fees for children,
 - Procurement of motorcycle/bicycle, and
 - Access to electricity.

As mentioned above, the improvement of the yield and cooperative profit through the SMAP training has given several positive impacts at a not only cooperative level but also household level.



Photo 3 Procured Livestock by Cooperative Member



Photo 4 Procured Motorcycle by Cooperative Member

6. Achievement of the Project Purpose and Output 3

Achievement of the indicators in the Project Purpose and Output 3 of the PDM is summarized in Table 16.

Table 16 Achievement of the indicators in the Project Purpose and Output 3 of the Project Design Matrix

PDM	Achievement
Objectively Verifiable Indicator	
Project Purpose	
b. Agricultural profits of the (direct/indirect) target rice cooperatives are increased by 2.6% in Rwamagana District and 11.7% in Kirehe District, 7.4% in Kayonza District, 36.1% in Gisagara District, 55.9% in Huye District, and 71.4% in Ruhango District.	b. Agricultural profits of the (direct/indirect) target rice cooperatives are increased by 2.7% in Rwamagana District and 171.2% in Kirehe District, 16.1% in Kayonza District, 50.6% in Gisagara District, 23.8% in Huye District, and 14.4% in Ruhango District.
Output 3	
b. 70% of the (direct/indirect) target cooperatives practice at least 80% of the improved techniques.	b. 94.1% of the (direct/indirect) target cooperatives practice at least 80% of the improved techniques.
c. Yields of rice in the (direct/indirect) target cooperatives increase by at least 2.6% in Rwamagana District and 11.7% in Kirehe District, 7.4% in Kayonza District, 36.1% in Gisagara District, 55.9% in Huye District, and 71.4% in Ruhango District.	c. Yields of rice in the (direct/indirect) target cooperatives increase by 3.1% in Rwamagana District and 85.7% in Kirehe District, 7.6% in Kayonza District, 61.7% in Gisagara District, 42.2% in Huye District, and 36.6% in Ruhango District.

Source: JICA Project Team (2019)

As shown in the above table, Huye District and Ruhango District could not achieve the target cooperative profit (indicator of the project purpose) and yield (indicator of the output 3) in the PDM.

7. Attachment

Attachment 1: Questionnaire Survey Sheet for Dissemination Rate

Attachment 2: Detail Result of Baseline and End-line Surveys on Yield and Cooperative Profit

Attachment 3: Sampling Result in Direct Support Cooperative

**Attachment 1 : Questionnaire Survey Sheet for Dissemination Rate
Dissemination Rate Survey of SMAP Rice Cultivation Technique for Zone/Association Leader**

Name of Cooperative [_____ Coop in _____ District]
 Name of Zone / Association [_____ Zone / Association]
 Name of Interviewee & Tel No. [_____ Tel. : _____]

Date : _____
 Name of Surveyor : _____

FFS	Component Technique of SMAP FFS Program	% of Application		Reason why, if "No" application & Remarks
		Yes	No	
FFS-1 Nursery	1 Seed rate :25-30 kg/ha			Note: popular seed rate in the area (kg- kg/ha)
	2 Seed selection via water			
	3 Seed disinfection by Kitazine, Beam, Benlate or other fungicides			
	4 Soaking seed 2 - 3 days in water, after the seed disinfection if seed disinfection is practiced			
	5 Incubation for preparation of pre-germinated seeds			
	6 Seed bed preparation (1 m width and leveling)			
	7 Applying NPK (17-17-17), Urea, or well decomposed manure on nursery bed.			
	8 Mulching bed by grass/banana leaves after sowing (not by rice straw)			
	9 Remove mulching after emergence of rice leaf			
	10 Keep water level as same as nursery bed			
	11 Weeding properly when weed is infested			
	12 Pest control by spraying pesticide if Diopsis, or other pests appear much.			
FFS-2 Trans-planting & Water Management	13 Plow-in rice straw or compost at the time of the 1st plowing of paddy field			
	14 Soil band coating (plastering) to protect water leakage from paddy field			
	15 Puddling and leveling plot well by hoe under flood condition			
	16 Transplanting young seedlings (20 - 25 days)			Note: popular seedling age in the area (days - days)
	17 Transplanting in line and its density is adjusted based on soil fertility & variety (15 - 30 hills/m ²)			Note: popular spacing in the area (cm x cm)
	18 Numbers of seedlings/hill: 2 to 3 seedlings			
	19 Transplanting depth: 3-4 cm depth			
	20 Use prepared guide rope, or with a guiding stick for transplanting			
	21 Application of NPK (200 kg/ha) or with well decomposed manure before Transplanting time			Note: popular timing in the area (1. with last plowing, 2. before puddling 3. with puddling, 4. just after puddling, 5. other:)
	22 Keep water about 1 week without drainage after transplanting			
	23 Intermittent irrigation from active tillering stage till booting (about 2 weeks before flowering)			

FFS-3	24	Application of 1st Top dressing (Urea) 50 kg/ha 3 - 4 weeks after transplanting under flood condition (shallow depth)			Note: popular timing in the area (days - days after transplanting)
Top-dressing	25	Application of 2nd Top dressing (Urea) 50 kg/ha 20 - 10 days before flowering.			Note: popular timing in the area (days - days before flowering)
&	26	Spraying pesticide to control Diopsis Thoracica if pest density becomes high.			Note: times/season in normal season in the area
Plant	27	Spraying fungicide to control blast if some symptom appears.			Note: times/season in normal season in the area
protection	28	Rouging of off-type from time to time if off type appears.			Note: times/season in general in the area
	29	Weeding practice in plot and soil band (levee) from time to time			Note: times/season of weeding in general in the area
	30	Keep flood condition from booting (about 2 weeks before flowering) to flowering stage and after flowering for about 2 weeks			
FFS-4	31	Intermittent irrigation from about 2 weeks after flowering			
Harvesting	32	Drain residual water 10 days prior to harvest			
	33	Right time harvest based on the SMAP training material (panicle color)			
	34	Threshing rice immediately after reaping by foot-pedal thresher or traditional method			
	35	Dry paddy properly by spreading in a layer of about 5 cm on concrete dry yard or tarpaulin and turn over periodically.			
	36	Check the appropriate moisture content of paddy by biting or by moisture meter before winnowing			
	37	Winnowing paddy after drying by winnowing machine or Urutaro			
	38	Use log or pallet for storing bagged paddy indoor if storing for long time.			

Attachment 2: Detail Result of Baseline and End-line Surveys on Yield and Cooperative Profit

District	Name of Cooperative	Baseline (B/L)/ Annual Evaluation/ End-line (E/L)	Season	Cultivated Area (ha)	Collected Paddy (kg)	Yield (kg/ha)	Unit Sale Price (Rwf/kg)	Sale Amount (kg)	Gross Income (Million Rwf)	Coop Profit (Million Rwf)	Coop Profit per Area (Rwf/ha)	
Rwamagana	Cocuricyi (Direct)	Baseline	2014B	50.6	232,901	4,603	217	232,901	50.5	1.2	23,014	
		Baseline	2015A	47.0	222,803	4,740	230-240	222,803	52.7	1.1	23,702	
		Baseline	Total	97.6	455,704	4,669	-	455,704	103.2	2.3	46,716	
		End-line	2018B	53.5	265,010	4,953	305-315	265,010	82.3	1.3	24,767	
		End-line	2019A	53.5	198,696	3,714	270-290	198,696	56.4	1.0	18,570	
		End-line	Total	107.0	463,706	4,334	-	463,706	138.7	2.3	43,337	
		Increasing Rate (%) (B/L - E/L)			9.6	1.8	-7.2	-	1.8	34.4	0.0	-7.2
	Cocuriga (Indirect)	Baseline	2015B	34.0	173,158	5,093	245-255	173,158	42.8	0.9	25,464	
		Baseline	2016A	34.0	158,418	4,659	250-260	158,418	40.1	0.8	23,297	
		Baseline	Total	68.0	331,576	4,876	-	331,576	82.9	1.7	48,761	
		End-line	2018B	40.0	197,950	4,949	315	197,950	62.4	1.0	24,744	
		End-line	2019A	40.0	177,000	4,425	290	177,000	51.3	0.9	22,125	
		End-line	Total	80.0	374,950	4,687	-	374,950	113.7	1.9	46,869	
		Increasing Rate (%) (B/L - E/L)			17.6	13.1	-3.9	-	13.1	37.2	11.8	-3.9
	Cocuribu (Indirect)	Baseline	2015B	27.0	135,266	5,010	245	135,266	33.1	0.7	25,049	
		Baseline	2016A	27.0	100,027	3,705	250-260	100,027	25.1	0.5	18,524	
		Baseline	Total	54.0	235,293	4,357	-	235,293	58.2	1.2	43,573	
		End-line	2018B	28.0	137,341	4,905	305	137,341	41.9	0.7	24,525	
		End-line	2019A	28.0	132,949	4,748	270	132,949	35.9	0.7	23,741	
		End-line	Total	56.0	270,290	4,827	-	270,290	77.8	1.4	48,266	
	Increasing Rate (%) (B/L - E/L)			3.7	14.9	10.8	-	14.9	33.7	16.7	10.8	
Cocicya (Indirect)	Baseline	2016B	95.4	443,016	4,646	255-265	443,016	113.8	2.2	23,231		
	Baseline	2017A	50.0	209,842	4,197	280-290	209,842	59.4	1.0	20,984		
	Baseline	Total	145.4	652,858	4,490	-	652,858	173.2	3.2	44,215		
	End-line	2018B	86.0	446,148	5,188	305	446,148	136.1	2.2	25,939		
	End-line	2019A	70.4	334,836	4,760	270	334,836	90.4	1.7	23,798		
	End-line	Total	156.4	780,984	4,994	-	780,984	226.5	3.9	49,737		
	Increasing Rate (%) (B/L - E/L)			7.6	19.6	11.2	-	19.6	30.8	21.9	12.5	

District	Name of Cooperative	Baseline (B/L)/ Annual Evaluation/ End-line (E/L)	Season	Cultivated Area (ha)	Collected Paddy (kg)	Yield (kg/ha)	Unit Sale Price (Rwf/kg)	Sale Amount (kg)	Gross Income (Million Rwf)	Coop Profit (Million Rwf)	Coop Profit per Area (Rwf/ha)	
Kirehe	MRGC (Direct)	Baseline	2014B	65.0	43,389	668	244	43,389	10.6	0.5	7,343	
		Baseline	2015A	70.0	116,608	1,666	245	116,608	28.6	1.3	18,324	
		Baseline	Total	135.0	159,997	1,185	-	159,997	39.2	1.8	25,667	
		End-line	2018B	101.0	593,388	5,875.0	300-310	574,952	172.7	11.5	232,126	
		End-line	2019A	101.0	692,279	6,854.0	270	600,000	162.0	12.0	118,812	
		End-line	Total	202.0	1,285,667	6,365	-	1,174,952	334.7	23.5	350,937	
			Increasing Rate (%) (B/L - E/L)		49.6	703.6	437.1	-	634.4	753.8	1205.6	1267.3
	Corimtu (Indirect)	Baseline	2015B	15.0	29,000	1,933	240	240	24,000	5.8	0.5	32,000
		Baseline	2016A	15.0	18,000	1,200	245	245	16,000	3.9	0.3	21,333
		Baseline	Total	30.0	47,000	1,567	-	40,000	40,000	9.7	0.8	53,333
		End-line	2018B	45.0	133,477.0	2,966.0	305	305	133,477	40.7	2.7	59,323
		End-line	2019A	45.0	163,900.0	3,642.0	270	270	163,900	44.3	3.3	72,844
		End-line	Total	90.0	297,377	3,304	-	297,377	85.0	6.0	132,168	
			Increasing Rate (%) (B/L - E/L)		200.0	532.7	110.8	-	643.4	776.3	650.0	147.8
	Isabane (Indirect)	Baseline	2016B	45.0	250,000	5,556	255	255	227,314	58.0	4.5	101,028
		Baseline	2017A	85.0	450,000	5,294	281	281	409,139	115.0	8.2	96,268
		Baseline	Total	130.0	700,000	5,385	-	636,453	173.0	12.7	197,296	
		End-line	2018B	100.0	672,000.0	6,720.0	305	305	600,000	183.0	12.0	120,000
		End-line	2019A	80.0	542,217.0	6,778.0	270	270	542,217	146.4	10.8	135,554
		End-line	Total	180.0	1,214,217	6,746	-	1,142,217	329.4	22.8	255,554	
			Increasing Rate (%) (B/L - E/L)		38.5	73.5	25.3	-	79.5	90.4	79.5	29.5
	KRGC (Indirect)	Baseline	2017B	12.0	50,619	4,218	290	290	50,619	14.7	0.5	42,183
		Baseline	2018A	12.0	60,769	5,064	297-302	297-302	50,170	14.9	0.5	41,695
		Baseline	Total	24.0	111,388	4,641	-	100,789	29.6	1.0	83,878	
End-line		2018B	12.0	72,167.0	6,014.0	300-310	300-310	72,167	21.8	0.7	119,012	
End-line		2019A	12.0	70,417.0	5,868.0	270-290	270-290	70,417	19.8	0.7	118,980	
End-line		Total	24.0	142,584	5,941	-	142,584	41.6	1.4	237,993		
		Increasing Rate (%) (B/L - E/L)		0.0	28.0	28.0	-	41.5	40.5	40.0	183.7	

District	Name of Cooperative	Baseline (B/L)/ Annual Evaluation/ End-line (E/L)	Season	Cultivated Area (ha)	Collected Paddy (kg)	Yield (kg/ha)	Unit Sale Price (Rwf/kg)	Sale Amount (kg)	Gross Income (Million Rwf)	Coop Profit (Million Rwf)	Coop Profit per Area (Rwf/ha)	
Kayonza	Coourivamu (Direct)	Baseline	2015B	43.0	160,586	3,735	240	160,586	38.5	0.8	18,673	
		Baseline	2016A	43.0	160,240	3,727	250	160,240	40.1	0.8	18,633	
		Baseline	Total	86.0	320,826	3,731	-	320,826	78.6	1.6	37,305	
		End-line	2018B	40.0	161,401	4,031	305	161,401	49.2	0.8	20,155	
		End-line	2019A	40.9	186,451	4,563	270	186,451	50.3	0.9	22,816	
		End-line	Total	80.9	347,852	4,300	-	347,852	99.5	1.7	42,971	
			Increasing Rate (%) (B/L - E/L)		8.4		15.3	-	8.4	26.6	6.3	15.2
			Baseline	2016B	32.0	184,684	5,771	255	164,684	42.0	0.8	25,732
			Baseline	2017A	32.0	191,496	5,984	280	171,496	48.0	0.9	26,796
			Baseline	Total	64.0	376,180	5,878	-	336,180	90.0	1.7	52,528
			End-line	2018B	22.0	130,618	5,937	305	130,618	39.8	0.7	29,686
			End-line	2019A	27.0	170,983	6,333	270	170,983	46.2	0.9	31,664
			End-line	Total	49.0	301,601	6,155	-	301,601	86.0	1.6	61,349
			Increasing Rate (%) (B/L - E/L)		-23.4	-19.8	4.7	-	-10.3	-4.4	-5.9	16.8
	Gisagara	Coporiz Ngrivi (Direct)	Baseline	2016B	158.0	540,046	3,418	254	540,046	137.2	3.2	20,508
Baseline			2017A	70.0	271,295	3,876	279	264,525	73.8	1.6	22,674	
Baseline			Total	228.0	811,341	3,559	-	804,571	211.0	4.8	43,182	
End-line			2018B	103.0	600,000	5,825	305	580,000	176.9	3.5	33,786	
End-line			2019A	65.0	263,000	4,046	295	253,000	74.6	1.5	23,354	
End-line			Total	168.0	863,000	5,137	-	833,000	251.5	5.0	57,140	
			Increasing Rate (%) (B/L - E/L)		6.4	44.3	-	3.5	19.2	4.2	32.3	
			Baseline	2017B	35.0	24,000	686	300	24,000	7.2	0.9	250,000
			Baseline	2018A	30.0	33,304	1,110	300	33,304	10.0	0.8	250,000
			Baseline	Total	65.0	57,304	882	-	57,304	17.2	1.7	500,000
			End-line	2018B	34.0	105,240	3,095	305	85,000	25.9	0.9	250,000
			End-line	2019A	27.0	129,600	4,800	270	96,465	26.0	0.7	250,000
			End-line	Total	61.0	234,840	3,850	-	181,465	51.9	1.6	500,000
			Increasing Rate (%) (B/L - E/L)		-6.2	309.8	336.5	-	216.7	201.7	-5.9	0.0

District	Name of Cooperative	Baseline (B/L)/ Annual Evaluation/ End-line (E/L)	Season	Cultivated Area (ha)	Collected Paddy (kg)	Yield (kg/ha)	Unit Sale Price (Rwf/kg)	Sale Amount (kg)	Gross Income (Million Rwf)	Coop Profit (Million Rwf)	Coop Profit per Area (Rwf/ha)	
Huye	Jyambere Muhinzi wa Huye (Direct)	Baseline	2016B	28.3	8,235	292	260	8,235	2.1	0.0	0	
		Baseline	2017A	28.3	13,919	493	260	13,919	4.0	0.0	0	
		Baseline	Total	56.6	22,154	391	-	22,154	6.1	0.0	0	
		End-line	2018B	32.0	49,685	1,553	305	34,779	10.6	0.7	21,737	
		End-line	2019A	32.0	81,463	2,546	270	57,024	15.4	1.1	35,640	
		End-line	Total	64.0	131,148	2,049	-	91,803	26.0	1.8	57,377	
			Increasing Rate (%) (B/L - E/L)		13.1	492.0	424.0	-	314.4	326.2	#DIV/0!	#DIV/0!
	Twongera Musaruro (Indirect)	Baseline	2017B	62.0	158,357	2,554	300	158,357	47.5	3.2	51,083	
		Baseline	2018A	62.0	163,108	2,631	300	163,108	48.9	3.3	52,615	
		Baseline	Total	124.0	321,465	2,592	-	321,465	96.4	6.5	103,698	
		End-line	2018B	42.0	146,071	3,478	300	136,071	41.5	2.7	64,796	
		End-line	2019A	35.0	104,302	2,980	270	104,302	28.2	2.1	59,601	
		End-line	Total	77.0	250,373	3,252	-	240,373	69.7	4.8	124,397	
			Increasing Rate (%) (B/L - E/L)		-37.9	-22.1	25.5	-	-25.2	-27.7	-26.2	20.0
Ruhango	Cotemunyaru (Direct)	Baseline	2017B	80.0	129,208	1,615	279	129,208	36.0	1.3	16,151	
		Baseline	2018A	30.0	65,000	2,167	292	65,000	19.0	0.7	21,667	
		Baseline	Total	110.0	194,208	1,766	-	194,208	55.0	2.0	37,818	
		End-line	2018B	80.0	175,383	2,192	295	146,183	43.1	1.5	18,273	
		End-line	2019A	30.0	90,000	3,000	270	75,000	20.3	0.8	25,000	
		End-line	Total	110.0	265,383	2,413	-	221,183	63.4	2.3	43,273	
		Increasing Rate (%) (B/L - E/L)		0.0	36.6	36.6	-	13.9	15.3	15.0	14.4	

Attachment 3: Sampling Result in Direct Support Cooperative

District	Cooperative	Season	No. of Sampling	Sampling Yield (kg/ha)	Yield of Cooperative (kg/ha)
Rwamagana	Cocuricyi	2015B	15	7,677	5,256
		2016A	15	7,355	4,415
		2015/16	30	7,516	4,834
Kirehe	MRGC	2016B	38	8,247	2,968
		2017A	21	9,716	5,376
		2016/17	59	8,982	4,079
Kayonza	Cocurivamu	2016B	12	7,806	3,967
		2017A	9	7,413	4,289
		2016/17	21	7,610	4,128
Gisagara	Coprroz Ngiryi	2017B	17	8,247	3,480
		2018A	15	6,553	3,712
		2017/18	32	7,400	3,563
Huye	Jyambere Muhinzi wa Huye	2018B	26	3,685	1,553
		2019A	26	6,407	2,546
		2018/19	52	5,046	2,049
Ruhango	Cotemunyaruru	2018B	26	4,717	2,192
		2019A	26	5,897	3,000
		2018/19	52	5,307	2,413

Annex XI. I RAB-SMAP and Rice Sub-Program Staff List

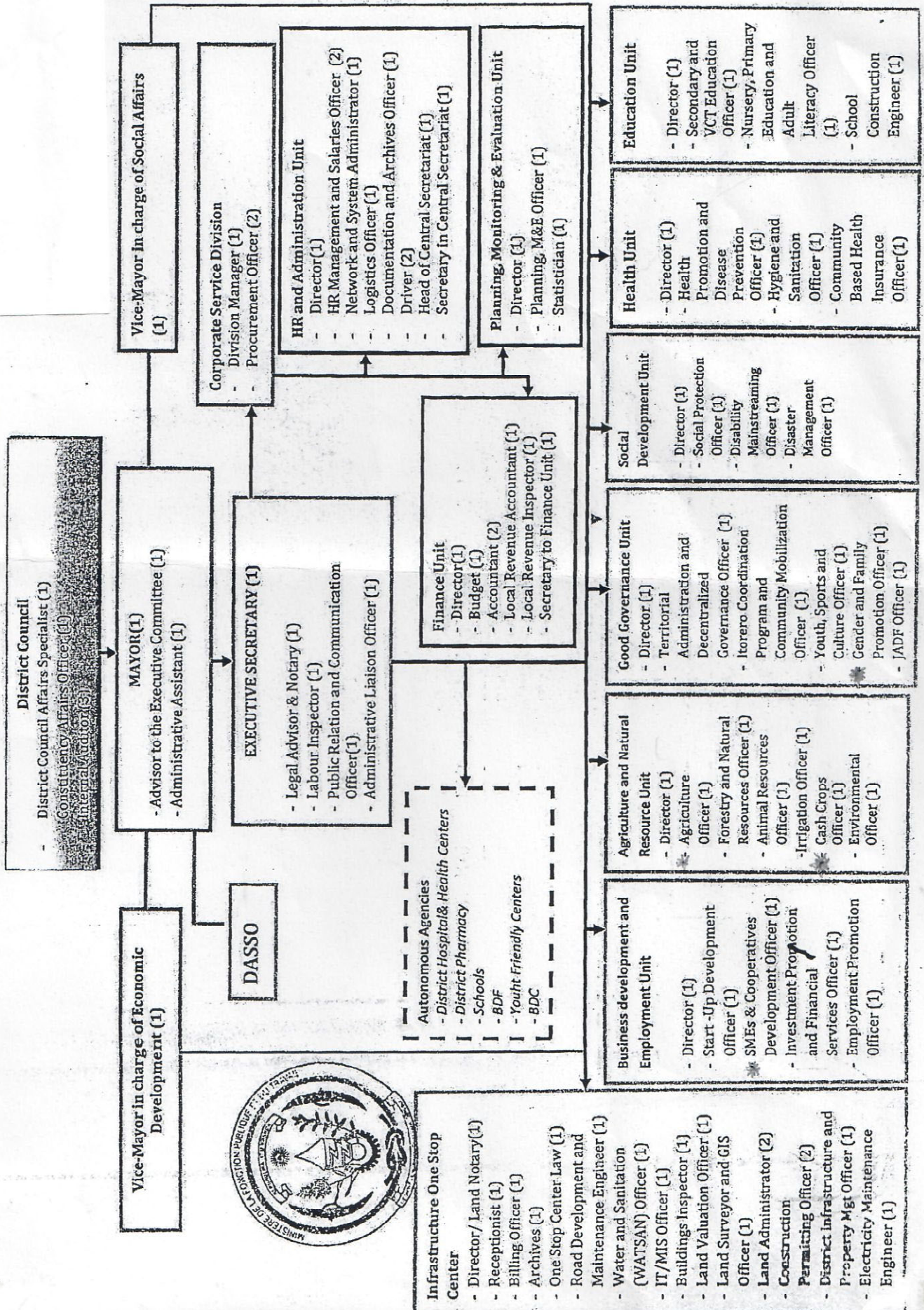
Deployment of RAB Horticulture Program Staff (as of December 2018)

No	Name	Position	Work Location (Station)	Province	Remarks
1	NYIRAHATEGEKIMANA Esperance	Horticulture Program	MUHANGA	Southern	
2	NYIRARUKNDO Clementine	Horticulture Program	MUHANGA	Southern	
3	MUSABYISONI Aloys	Horticulture Program	MUSANZE	Northern	
4	INGABIRE Marie Aimé	Horticulture Program	MUSANZE	Northern	
5	MUHIGIRWA Jean Chrisostome	Horticulture Program	NTENDEZI	Western	
6	UWIZERWA Firmin	Horticulture Program	NTENDEZI	Western	
7	MUREKEYIMANA Peruth	Horticulture Program	RUBIRIZI	Kigali/Eastern	
8	UZAYISENGA Christine	Horticulture Program	RUBIRIZI	Kigali/Eastern	
9	KAGIRANEZA Boniface	Horticulture Program	RUBONA	Southern	Team Leader
10	WAWERU Bancy - Study Leave	Horticulture Program	RUBONA	Southern	
11	HAGENIMANA Gregoire	Horticulture Program	RUBONA	Southern	
12	BUSOBOZI Martin	Horticulture Program	Ngoma	Eastern	
13	UMULISA Christine	Horticulture Program	RUBONA	Southern	
14	NDEREYEMUNGU Assinapol	Horticulture Program	TAMIRA	Western	

Deployment of RAB Rice Sub-program Staff (as of December 2018)

No	Name	Position	Work Location (Station)	Province	Remarks
1	Dr. Innocent NDIKUMANA	Head, Rice Sub-program	Rubona Station	Southern	Team Leader
2	Dr. Elie René GASORE	Senior Rice Agronomist	Rubona Station	Southern	
3	Mr. Edouard CYUBAHIRO	Senior Extensionist on Rice Production	Ngoma Station	Eastern	
4	Mr. Azarius TWAGIRAYEZU	Research Technician	Ntendezi Station	Western	
5	Mr. Alain KULISA	Research Technician	Nyagatare Station	Eastern	
6	Mr. Jean Baptiste MANIRAGUHA	Rice Production Technician	Rubona Station	Southern	
7	Mr. Christian NKURUNZIZA	Junior Research Technician	Rubona Station	Southern	

RURAL DISTRICT ORGANIZATIONAL STRUCTURE 2014



REPUBLIC OF RWANDA



**RWANDA AGRICULTURE AND ANIMAL RESOURCES
DEVELOPMENT BOARD**

(RAB)

**PARTNERSHIP AGREEMENT TO PROMOTE
HORTICULTURE PRODUCTION**

between

**RWANDA AGRICULTURE AND ANIMAL RESOURCES
DEVELOPMENT BOARD (RAB)**

And

NYARUGENGE DISTRICT

Kigali, January 2019

This partnership agreement is made by and between:

Rwanda Agriculture and Animal Resources Development Board (RAB), having its principal place of business at Rubirizi Cell, Kanombe Sector, Kicukiro District - Kigali City, P.O. Box 5016 Kigali - Rwanda, Website: www.rab.gov.rw represented by **Patrick KARANGWA (PhD)**, the Director General, hereinafter referred to as “**RAB**”;

and

Nyarugenge District, having its principal place of business at Nyarugenge, Website: <http://www.nyarugenge.gov.rw>, represented by **Mrs KAYISIME NZARAMBA**, the District Mayor, hereinafter referred to as “**The District**”;

WHEREAS, RAB aims to increase smallholder farmers’ income utilizing Market-oriented Agriculture Extension Package (MAEP) through empowering District extension officers and target cooperatives countrywide.

WHEREAS, in City of Kigali, RAB/SMAP Program selected Nyarugenge as a target District. In the 1st project year starting from January to December 2018, RAB provided necessary support to carry out RAB/SMAP activity and trainings for District officers so that they can conduct RAB/SMAP activity by themselves from the 2nd project year, starting from January to December 2019.

WHEREAS RAB will continue to provide technical supports to Nyarugenge District in order to continue implementation of SMAP activity by their efforts.

WHEREAS, Nyarugenge District desired to be a target District of RAB/SMAP and ensure concerned District and Sector officers participated in all RAB/SMAP technical trainings in the 1st program year. From the 2nd year, Nyarugenge District committed to continue RAB/SMAP activities to expand SMAP techniques utilizing MAEP to all Sectors of the District. In order to do so, Nyarugenge District agreed to include RAB/SMAP activity into the District performance contract to secure necessary budget and human resource arrangement.

WHEREAS, the all parties have negotiated and have reached to certain understandings, and formal agreement to evidence and formalize such understandings is required.

NOW THEREFORE, the parties have agreed as follows:

Article 1: Purpose

The purpose of this agreement is to create a partnership and to clarify roles and responsibilities between RAB and the District to sustain RAB/SMAP (Small holder Market oriented Agriculture Project) activities.

An annual work schedule on the horticulture training program is shown in Annex 1.

Article 2: Duties and Responsibilities of the District

In this agreement, the District has following responsibilities:

- The District shall act as a coordinator to implement SMAP Program activities such as 1) Selecting 5 target cooperatives every year, 2) Organizing a series of trainings such as Cooperative management, Marketing, and FFS(Farmer Field School), 3) Conducting monitoring and follow up of target cooperatives.
- The District shall make an activity schedule and inform RAB in advance so that they can make a plan to participate;
- The District has to prepare quarterly and annual activity reports to share the progress of activities with RAB.

Article 3: Duties and Responsibilities of RAB

In this agreement, RAB has following responsibilities:

- To provide technical follow up and backstopping to the District ;
- To provides supplementary trainings to District officers if deemed necessary to continue RAB/SMAP activities.

Article 4: Costs and work sharing and its review

Parties to this agreement have agreed on the annual costs and work sharing to implement SMAP Program. Details of costs and work sharing are shown in Annex 2and Annex 3.

Every year, parties shall agree on the new costs and work sharing for the concerned year.

Article 5: Reporting

The result of Baseline and End-line survey shall be submitted by Nyarugenge District to the RAB in each year.

Article 6: Conflict resolution

The Parties shall attempt in good faith to negotiate a settlement to any dispute between them arising out of or in connection with the agreement.

If the parties cannot settle the dispute amicably, the agreement shall be terminated.

Article 7: Amendment and Termination

Any amendment on this agreement shall be made through mutual agreement by both parties and put in writing, signed and dated prior to any changes being affected.

Any of the parties in writing, may terminate the agreement by giving in writing a notification of thirty (30) days' notice to the other parties.

Article 8: Duration

This agreement is effective from the date of signature and will be effective forever in the District as they have to disseminate all time the Horticulture cultivation techniques to the District farmers.

IN WITNESS WHEREOF, the respective parties have executed this partnership agreement on the dates indicated below.

Done at Nyarugenge on _____

Signature _____

Mrs KAYISIME NZARAMBA
District Mayor,
Nyarugenge District

Signature _____

Patrick KARANGWA (PhD)
Director General,
Rwanda Agriculture and Animal
Resources Development Board
(RAB)

Annex1 Annual Work Schedule on Horticulture Training Program (2017/18 to 2018/19)

Major Activity for Horticulture Training Program	2nd Project Year																								Concerned		
	2017												2018														
	Nov		Dec		Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sept		Oct				
	E	M	L	E	M	L	E	M	L	E	M	L	E	M	L	E	M	L	E	M	L	E	M	L			
1 Technical Committee Meeting at Target District TC meeting				■												■										TC Member	
2 Announcement of selecting target coops by proposal approach Final decision of the target coop.				■																							DAO, DCO, SA, SCO, Coop
3 Kick off WS at the Target Coop Kick off workshop at target coops					■																						DAO, DCO
4 Purchase and Delivery of Inputs of Training TOT for Gender/ Organization Training and Marketing Training									■																		SAO, SCO, Coop
7 Baseline and End-line survey																											District Office
8 Field Training																											DAO, DCO, DGO, SA, SCO, Coop
1) Marketing survey and planting plan making																											SA, SCO, Coop
3) Gender/ organization training																											SA, SCO, Coop
4) FFS-1 Seedbed making, Cropping plan, Cropping map																											
5) FFS-2 Transplanting																											
6) FFS-3 1st Topdressing																											RAB zone, NAEB, SA, SCO, Coop
7) FFS-4 2nd Top Dressing, Pest and disease management																											
8) FFS-5 Harvesting																											
9 Monitoring Activity for Target Coops.																											DA, SA, SCO

Note: JCC: Joint Coordination Committee, TC: Technical Committee, DAO: District Agriculture Officer, DCO: District Cooperative Officer, DGO: District Gender Officer, SA: Sector Agronomist, SCO: Sector Cooperative Officer, Coop: Cooperative Farmers

Annex3 Work Sharing and Cost Sharing on Horticulture Training

1) Mandatory Activities

Major Activity for Rice Training Program	District	RAB	NAEB	SMAP	Budget	Stakeholders concerned
1 Technical Committee Meeting at Target District					Included in regular activity	TC member
Organizer	⊙					
Material	⊙			○		
2 Commencement of selecting target coops by proposal approach					Included in regular activity	DAO, DCO, SA, SCO
Explanation of proposal to coops	⊙					
Evaluation and Selection of target coops	⊙					
3 Kick off WS at the Target Coops					80,000	DAO, DCO, SA, SCO
Organizer/Explanation of Implementation	⊙	○	○			
4 TOT training for Gender/ Organization and Marketing to target coops					3,300,000	NAEB, RAB, DGO, DAO, DCO, SA, SCO, PT
Organizaer	⊙					
Lecturer	⊙	○	○			
Training Material				⊙		
5 Baseline and End-line Survey to target coops	⊙				Included in regular activity	DAO, SA
6 Preparation of Inputs for FFS Training	⊙			○	2,360,000	DAO, PT
7 FFS Training in the 2nd Year (First Cropping)						
Organizer	⊙					
Lecturer	⊙	○	○			
Farming Inputs & Equipment	⊙					
Training Material				⊙		
Follow up	⊙					
1) FFS-1 Seedbed making, Cropping plan, Cropping map						
2) FFS-2 Transplanting						
3) FFS-3 1st Topdressing						
4) FFS-4 2nd Topdressing, Pest and disease management						
5) FFS-5 Harvesting						
8 FFS Training in the 2nd Year (Second Cropping)					1,908,000	RAB, NAEB, DAO, DCO, SA, SCO, FP, PT
Organizer	⊙					
Lecturer	⊙	○	○			
Farming Inputs & Equipment	⊙					
Training Material				⊙		
Follow up	⊙					
1) FFS-1 Seedbed making, Cropping plan, Cropping map						
2) FFS-2 Transplanting						
3) FFS-3 1st Topdressing						
4) FFS-4 2nd Topdressing, Pest and disease management						
9 Monitoring Activity for Target Coops	⊙				Included in regular activity	SA
10 Meeting with Stakeholders in the Horticulture Program	⊙	○	○	○	Included in regular activity	all stakeholders
Total					7,648,000	

Note: TC: Technical Committee, DAO: District Agricultural Officer, DCO: District Cooperative Officer, SA: Sector Agronomist, SCO: Sector Cooperative Officer, PT: Project Team

Annex4 Budget for SMAP Activity for the 2nd Project Year (Draft)

1) Mandatory Activities

	Activity / Cost Item	Budget	Responsible Stakeholders	Remarks
1	Kick off workshop for target coops			
	Transportation for district officer	80,000	District Office	RWF8,000 X 2person X 5coops.
	Total	80,000		
2	TOT training for Gender and Organization and Marketing to target cooperatives			
	Venue	200,000	District Office	RWF50,000 X 4days
	Lunch	560,000	District Office	RWF3,500 X 40person X 4days
	Transportation for RAB officers	160,000	RAB	RWF20,000 X 2person X 4days
	Transportation for NAEB officers	160,000	NAEB	RWF20,000 X 2person X 4days
	Transportation for sector officers	320,000	District Office	RWF8,000 X 2person X 5sectors X 4days
	Transportation for target farmers	640,000	District Office	RWF8,000 X 4person X 5coops X 4days
	Training material	1,200,000	SMAP	Textbook, Banner
	Stationary	60,000	District Office	Flipchart, marker, pen, note, etc.
	Total	3,300,000		
3	FFS Training for the 1st Cropping Period			
	Transportation for RAB officers	200,000	RAB	RWF20,000 X 2person X 5times
	Transportation for NAEB officers	200,000	NAEB	RWF20,000 X 2person X 5times
	Transportation for district officer	80,000	District Office	RWF8,000 X 2person X 5times
	Transportation for sector officer	320,000	District Office	RWF8,000 X 2person X 4sector X 5times
	Transportation for farmers	960,000	District Office	RWF8,000 X 6person X 4coops X 5times
	Farming inputs & equipment	100,000	Target Cooperatives	Seeds, fertilizer, etc.
	Training material	500,000	SMAP	Textbook
	Total	2,360,000		
4	FFS Training for the 2nd Cropping Period			
	Transportation for RAB officers	160,000	RAB	RWF20,000 X 2person X 4times
	Transportation for NAEB officers	160,000	NAEB	RWF20,000 X 2person X 4times
	Transportation for district officer	64,000	District Office	RWF8,000 X 2person X 4times
	Transportation for sector officer	256,000	District Office	RWF8,000 X 2person X 4sector X 4times
	Transportation for farmers	768,000	District Office	RWF8,000 X 6person X 4coops X 4times
	Farming inputs & equipment	100,000	Target Cooperatives	Seeds, fertilizer, etc.
	Training material	400,000	SMAP	Textbook
	Total	1,908,000		
	G. Total	7,648,000		

Cost Sharing

District Office	4,308,000
RAB	520,000
NAEB	520,000
Target Cooperatives	200,000
SMAP	2,100,000
Total	7,648,000

NOTE:

The amount of budget indicated above is a draft version referred from the past experience of the RAB/SMAP activities, and is not a part of commitment of this MoU. The budget plan will be finalized as actual activities are arranged with consultation of RAB.