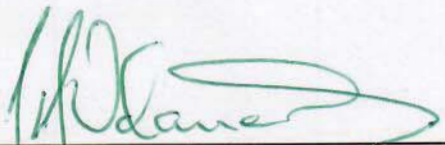
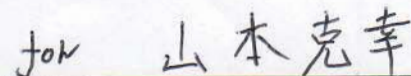


MINUTES
OF
THE THIRD JOINT COORDINATING COMMITTEE MEETING.
ON
THE SUSTAINABLE RICE PRODUCTION PROJECT

31st July, 2018



Hon. Joseph Ndanema
Minister,
Ministry of Agriculture and Forestry (MAF),
Freetown



Takashi Kimijima
Chief Advisor, JICA-SRPP

The Third Joint Coordinating Committee (JCC) Meeting on the Sustainable Rice Production Project ("the Project" or "SRPP") was held on 31st July 2018 at the Library of the Ministry of Agriculture and Forestry (MAF), Youyi Building, Freetown. List of attendants is attached to this document as Appendix 1.

The Third JCC Meeting started at 10:50 a.m. under the chairpersonship of Mr. Sam King Braima, Hon. Deputy Minister, MAF.

The meeting proceeded with the following agenda:

- ❖ Prayer
- ❖ Introduction
- ❖ Opening remarks by Chairperson
- ❖ Presentation of the Work Plan for the second period
- ❖ Issues to be addressed for implementation of the Project
- ❖ A.O.B

The meeting started with silent prayers and introduction of attendants, followed by the opening remarks by Mr. Sam King BRAIMA, Hon. Deputy Minister, MAF.

1. Opening Remarks by Chairperson

Hon. Deputy Minister welcomed the participants to this important meeting. While acknowledging the attendance of the Chief Representative of JICA Ghana Office, Dr. Hirofumi HOSHI, the Chair extended his gratitude for JICA's assistance, in particular for this Project. He informed that there has been a briefing session on SRPP for the new members of the senior management team of MAF in the previous week, in which the details of the Project, its history of evolution, concepts and framework, achievement so far and so forth have already been shared. The Chair expressed his understanding on the importance of this meeting of JCC as the steering body of the Project and requested the members to vigorously discuss and provide inputs for better implementation of the Project.

After the Opening Remarks, the chairperson had to leave to attend some other urgent meetings and designated Mr. Amara Idara SHERIFF, the Chief Agricultural Officer (CAO), who also serves as the Project Director of SRPP, to take over the Chairpersonship to preside over the meeting on his behalf.

2. Presentation of the Work Plan of the Project for the second period

Mr. Takashi KIMIJIMA, Chief Advisor of JICA-SRPP explained the Work Plan of the Project for the second period using a PowerPoint presentation (Appendix 2). Chief Advisor at first explained the overall picture of the Project activities for the second period, and then highlighted three major spheres of activities in the field in details, i.e. dissemination of the Technical Package on Rice Production (TP-R), on-farm trials and participatory IVS development.

Dissemination of the Technical Package on Rice Production (TP-R):

- SRPP conducts training on TP-R for MAF extension workers for them to be able to disseminate to the farmers and to monitor their practices as a part of routine extension activities.
- SRPP also facilitates the Farmer Field School (FFS) on TP-R to be conducted for some selected FBOs. For the rainy season 2018, fifteen (15) FBOs have been selected, i.e. one per block in the target districts. The progress of the FFS and farmers practices will closely be monitored through mobile applications.
- SRPP conducts the training of trainers (TOT) for MAF extension staff who will conduct the FFS.
- The FFS on TP-R is composed of twelve (12) sessions, some initial sessions of which have already been conducted with establishment of the demo plots in the group farms of the selected FBOs.

On-farm trials:

- SRPP conducts on-farm trials to identify any additional techniques and/or innovations to enhance the adoption of the TP-R among farmers.
- For the rainy season 2018, a trial on the different proportion of fertilizer application will be tried out to see the impacts on the grain filling ratio of NERICA L19.

Participatory IVS Development:

- As water control is an inevitable pre-requisite of SRPP to be effective, some IVS development aspects are to be addressed. SRPP conducts small scale IVS development / rehabilitation with involvement of beneficiary farmers in some selected IVSs in the target districts.
- The activities of participatory IVS development include the site selection, site surveys, planning, consultative meeting with the FBOs working in the selected IVS, etc.
- The IVSs to be developed / rehabilitated will soon be selected after the arrival of the engineering expert of SRPP to Sierra Leone. Possibility of collaboration with the WFP's food assistance for asset (FFA) programme would also be sought out in the selection processes.

3. Issues to be addressed for implementation of the Project

After the presentation on the work plan, Chief Advisor also explained the issues to be addressed, as highlighted below.

- Inclusion of the new district of Karene as another target district of the Project, which requires official procedure to amend the Record of Discussions (R/D).
- Frontline Extension Workers who are still "volunteers" not being provided with pin code to confirm their recruitment.
- Insufficient means of mobility and provision of fuel for MAF extension workers as reflected in the R/D.

4. Discussions

After the presentation by Chief Advisor, CAO opens the floor for discussion, encouraging the participants to share their views and comments on the presentation. Main remarks in the discussion were summarized as follows.

- The new administration has launched new policy directions to which all donors are requested to align their programmes wherever feasible. In line with that, it is anticipated that ministry and the donors would jointly conduct mid-term reviews of the on-going projects. It is thus recommended to have a mid-term review of SRPP at any earlier stage if possible as it is not included in the R/D.
- The acidity of soils in various parts of the country which may be attributed to the excess use of fertilizer (NPK) has come to the concern. It should be shared to the members if the baseline survey of SRPP has also assessed the conditions of the IVSs.
 - To this comment, Chief Advisor answered that the baseline survey did not cover the soil assessment in the IVSs. He also shared that the recommended dosage of fertilizer under TP-R is minimum, and that the acidity may more be attributable to sulfur, while currently marketed compound NPK fertilizer does not contain it.
- As there is an urgent necessity to improve rice productivity throughout the country, the nationwide capacity building of MAF extension workers and farmers is needed. The farmers in other districts should also be benefitted thus it is requested to SRPP to consider possibility to extend at least the training to the extension staff in all districts not limited to three target districts of SRPP.
 - Chief Advisor responded that the overall goal of the Project is to disseminate the TP-R nationwide, so it is important that the capacity of MAF extension workers in other districts on TP-R be built up. He said the Project would look into this aspect.
- The new directions of agricultural development focus on promotion of irrigation and mechanization. It is desirable to include machinery components into the Project, for example, including the small-scale power tillers in the on-farm trials.
 - Chief Advisor explained that the mechanization and large-scale irrigation aspects are not included in the current scope of the Project, while noting the request to be reported to JICA Headquarters.
- As FFS is meant to capacitate the members of the farmer groups, SRPP should also look at the impacts at the level of individual farmers, not only at the demo plots in the group farm of the FBOs.
 - Chief Advisor agreed on the point and stated that SRPP would measure the degree of adoption and its impacts through monitoring.
- As the project of previous phase has capacitated some extension staff in Kambia, it is important to mobilize those resource in the activities of the Project, in the training in particular.

- Chief Advisor reported that the extension staff in Kambia who had been trained during the previous project are being mobilized in the training under SRPP and expressed his anticipation that SRPP would train more MAF staff to be trainers in other target districts as well.
- As the Project is going to develop some IVSs, it is to be clarified if any machinery for IVS development will be introduced.
 - To this comment, Chief Advisor stated that SRPP will still implement the IVS development / rehabilitation manually, as the scale of IVS development / rehabilitation shall be small and it should be done with participation of farmers. Furthermore, there is no provision of expertise or resources to adequately introduce, properly maintain and train relevant staff and farmers on such machinery to increase their capacity and performance output.
- The geographical mapping to delineate the boundaries of blocks and circles are very important for proper planning exercises. It should be appreciated if the baseline survey of the Project can provide such maps.
 - Chief Advisor noted the importance of mapping, while explaining that the baseline survey did not cover the mapping and that the mapping work is still to be continued.
- The assignment of experts seems to be intermittent thus careful coordination should be required to cover the planned activities which are relevant to the respective expertise of the experts.
 - Chief Advisor indicated that the schedules of activities and assignment of the experts are still tentative and subject to adjustment in the due course of project implementation.
- There are some comprehensive demonstrations of modern farming practices such as “China Farms” in various district. It would be worthy to set up similar ones as “Japanese Farms” so that the public would also notice the presence of assistance in the SRPP operational districts.
 - Chief Advisor stated that the Project cannot make any large investment to establish comprehensive farms, but it is expected that any successful demonstration plots of the FBOs under SRPP could effectively showcase the project interventions.
- The logistic supports should further be provided to facilitate the capacity building of DAO, not only for the Project offices situated in respective DAOs.
 - As for the logistic support, Chief Advisor stated that SRPP would try to extend the logistic support further if possible, which would yet be limited to those that directly facilitate the smooth implementation of the Project activities.
- SRPP should clarify the FBO selection criteria, and how the Project involves women farmers in the activities.
 - Chief Advisor replied that the FBO selection for this rainy season has been done primarily based on the IVS conditions through site visit, which are feasible to bring effects of TP-R, as well as on the performances of FBOs including their unity and group dynamics through the dialogue with their

members. As for the involvement of women farmers, he assured that the Project shall not at all discriminate or exclude them, referring to the facts that there are some female MAF extension workers currently undertaking FFS in the field, and that there are many female members, sometimes even more than the male members, in the selected FBOs, too.

- As for the inputs to be provided for the FFSs, it is important to carefully select the seed rice varieties and farming tools to be used. It is also important to provide them with more sophisticated tools, not only those simple ones such as hoes and cutlasses.
 - Chief Advisor replied that the varieties to be used in the FFS may be the ones normally used by the farmers in the locality, however, introduction of shorter duration variety may be beneficial under TP-R, thus NERICA L19 are mostly used for this rainy season.
- It is important to develop the seasonal swamps to perennial to increase the production, it is therefore necessary to develop some irrigation system in the IVSS during the dry season, with introduction of some machineries.
 - As to the introduction of machinery, Chief Advisor repeated that they are not in the scope of the Project, and explained furthermore that the introduction of machineries, either simple or complex, should require very accurate and careful planning with feasibility assurance on who to operate, to maintain, to repair and to replace upon amortization and so forth, and the resources to conduct such planning had not been provided in the framework of SRPP.
- The Project should also take into consideration the aspects of crop protection as some of the issues, such as low grain filling ratio, for example, may be attributed to any pests or diseases. Involvement of crop officers in the Project activities are to further be promoted.
 - Chief Advisor discussed that there are some specific pests and diseases commonly found in the IVS rice, for which no innovative countermeasures might exist except for physical destruction / removal. He agreed with the necessity of involvement of district plant health officers in the project activities, particularly in the on-farm trials to be conducted from this rainy season.
- The Work Plan does not have any budgetary details such as breakdown of expenses to be incurred for each activity, which may be questionable in terms of financial management of the Project in the Ministry.
 - To this point, the Chief Representative of JICA Ghana Office replied that JICA does not disclose the financial details of the Project, because, unlike the financial aid of other donors, JICA's technical cooperation is the grant assistance in kind, in which JICA procures the resources to be brought in the recipient country for the Project as stipulated in the R/D.

As for the issues to be addressed, discussions were held among the participants, the major points of which are as follows:



- As for the inclusion of new district of Karene in the Project's target area, an official letter from the Ministry shall be submitted to JICA for necessary actions to be taken.
- The status of extension workers in the field being "volunteers" has also been the concern of the Ministry, and efforts are to continuously be made to improve the situation, as well as to address the issue of mobility and the fuel for extension activities in the field.

Towards the end of the meeting, the Honorable Deputy Minister joined again for the wrap up after having been briefed by CAO.

Asked by Chief Advisor if the Work Plan of the Project for the second period be approved, Hon. Deputy Minister replied that the approval will be communicated in writing within the week, specifically by Friday, the 3rd of August 2018.

In the absence of A.O.B., the Chairperson closed the 3rd JCC, expressing his gratitude to the participants for their fruitful deliberations in this important meeting.

End

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Appendix 1 (1/3)

1/3

**Attendance List of 3rd Joint Coordinating Committee (JCC)
in Sustainable Rice Production Project**

Date: 31/07/2018

Place: MAF Conference Hall


#	Name	Designation	Organization	Mobile phone no.	e-mail address
1	Dr. Cif. Kamran	Director	IRRI/SLRD		
2	Frank A. Keikins	DAO - Koron	MAF		
3	Dya Josephine Karaka	President	SLEWOF		
4	V. A. Jaldish	TA	MAF		
5	Dennis Paul	Dir. Exp.	MAF		
6	Anwar I. Shoriff	DG/CAT	MAF		
7	Mohamed A. Bah	DAO Bantuk	MAF		
8	Dennis P. Y. Tan	Kson, AS, Head Rice Crops	Unit MAF		
9	Bakarr J. Bangura	FBO Expert	JICA-SRPP		
10	Hirofumi Hoshii	Chief Rep. for Cereals S.L. and Cereals	JICA		
11	Kyochi Otsuka	PFA	JICA SLED		
12	Sambing Braining	Dep. Min	MAF		
13	Steven A. Fofanah	Senior Agricultural Engineer	MAF		
14					

**Attendance List of 3rd Joint Coordinating Committee (JCC)
in Sustainable Rice Production Project**

Date: 31/07/2018

Place: MAF Conference Hall

#	Name	Designation	Organization	Mobile phone no.	e-mail address
15	Kensu Yoshimuta	Expert	JICA-SRPP		
16	Saou A. Kamara	Logistic Coordinator	JICA-SRPP		
17	Keiko Tagaki	Expert	JICA-SRPP		
18	Takeshi Kunijima	Chief Advisor	JICA-SRPP		
19	Katsuyuki Yanamoto	Deputy Chief Advisor	JICA-SRPP		
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The Third Joint Coordinating Committee Meeting
on
Sustainable Rice Production Project in Sierra Leone

31st July, 2018
Conference Hall of MAF, Youyi Building,
Chief Advisor: Takashi Kimijima

Project Design Matrix (PDM)

Overall Goals

- 1) Rice Productivity is increased in IVS in the three districts
- 2) The improved Technical Package of Rice (TP-R) is disseminated to FBO farmers in IVS countrywide

Project Purpose

The improved TP-R is disseminated to FBO farmers in IVS in the three districts

Output 1	Output 2	Output 3	Output 4
The situation of IVS rice farming in the three districts is summarized	The rice cultivation and processing techniques of trained farmers are improved in the three districts	The improved TP-R is utilized in the TP-R training for farmers	The improved TP-R is recognized as recommended cultivation techniques countrywide

Agenda of 3rd JCC Meeting

1. Prayer
2. Introduction
3. Chairman's opening remarks
4. Presentation of work plan by JICA
5. Issues to be addressed for implementation of the project
6. A.O.B.

Main Activities in the Second Period (05/2018-03/2020)

No.	Main activities in the second period
1	Agreement on the work plan in the second year
2	Continuation of the monitoring of activities regarding the dissemination of TP-R
3	Monitoring of activities regarding the post-harvest handling of rice
4	Implementation of the IVS development with the participation of FBO farmers
5	On-farm trial to verify or improve TP-R
6	Revision of the manual and the guideline for disseminating TP-R
7	Conducting the training in a third country
8	Collaboration with other donor projects or NGOs
9	Assistance for district agricultural offices in formulating the annual work plan
10	Development and discussion of a work plan in the third year
11	Development and submission of the progress report of the project in the second period
12	Preparation of the monitoring sheet

JICA expert team members and assignments

Name	2018			2019			2020								
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3
Project Supervisor Mitsuo Shirano Chief Advisor (CV) / Knowledge Specialist															
Subs expert (Extension / Training)															
Research Specialist Daisuke Oki (Extension / Subsidy Management)															
Subs Specialist (Extension / Training) / (MS-2)															
Subs Specialist (Extension / Training) / (MS-2)															
Senior Japan Expert Preparation of Project Agreement															
Subs Specialist (Extension / Training) / (MS-2)															
Subs Specialist (Extension / Training) / (MS-2)															
Subs Specialist (Extension / Training) / (MS-2)															
Subs Specialist (Extension / Training) / (MS-2)															

Dissemination of the TP-R

SRPP will start actual dissemination of the TP-R to the farmers in the three districts in the rainy season 2018, mainly through the two activities, i.e. Training for Extension Workers on the TP-R, and Farmer Field School on the TP-R for farmers.

1-1 Training for Extension Workers on the TP-R

Target: All FEWs except for those who conduct FFS for the selected FBOs
Timing: Before the cropping seasons (twice a year)
Duration: One (1) day

After the training, participants are expected to disseminate the TP-R to some FBOs in their respective circles and monitor their practices as a part of their routine extension activities. They are to record the farmers practices in a designated monitoring sheets to be submitted at the end of the cropping season.

Work Schedule

Activities	2018												2019												2020												
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
3-1 Agreement on the work plan in the second period																																					
3-2 Continuation and the monitoring of activities regarding the dissemination of TP-R: Rice cultivation technology																																					
3-3 Continuation and the monitoring of activities regarding the dissemination of TP-R: (post-harvest treatment of rice)																																					
3-4 Implementation of the plan of TVS development																																					
3-5 Investigation and the monitoring of the On-farm trial to improve TP-R																																					
3-6 Revision of the manual and the guideline for disseminating TP-R																																					
3-7 Conducting the training in a third country																																					
3-8 Information sharing with the donor and NGOs, and the generalization of the consolidation																																					
3-9 Continuation of the assistance for agricultural officer in each district to formulate the annual work plan																																					
3-10 Development and dissemination of a work plan in the third period																																					
3-11 Development and submission of the progress report of the project in the second period																																					
3-12 Preparation of the monitoring sheet																																					
Monitoring Report																																					

PE: Progress Report in the second period

Dissemination of the TP-R (cont'd)

1-2 FFS on the TP-R (Training for Farmers)

- * Some selected FBOs will undergo the FFS on the TP-R.
- * A total of 15 FBOs (one per a block) are selected for FFS on the TP-R with some input support from SRPP in the rainy season .

Flow of Activities of FFS on the TP-R

- (1) Selection of the target FBOs
- (2) Identification of FEWs for Training of Trainers (TOT)
- (3) Conduct of TOT on the TP-R
- (4) Procurement & provision of the inputs to support FFS
- (5) Conduct of FFS and monitoring by the extension teams
- (6) Training on yield survey

Dissemination of the TP-R (cont'd)

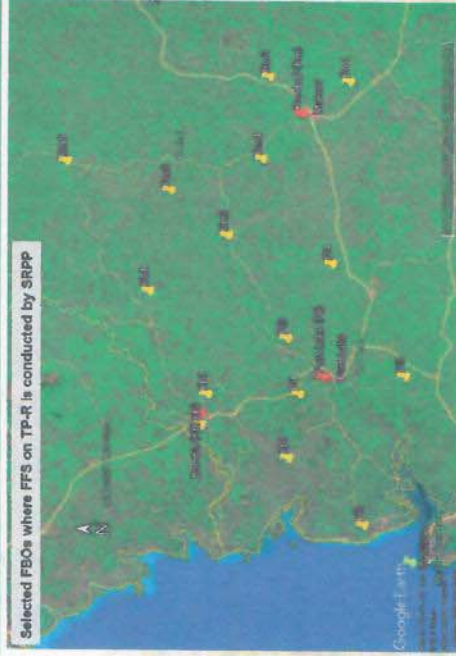
(1) Selection of the FBOs

- * For rainy season of 2018, 15 FBOs are selected to be supported by SRPP with conduct of FFS on the TP-R.
- * A Memorandum of Understanding (MOU) has duly been signed among each FBO, District MAF and the Project, which stipulates terms and conditions, provisions for the FBO and responsibilities of all parties.

(2) Identification of FEWs for Training of Trainers (TOT)

- * After selecting the FBOs, one (1) FEW to work with each of the selected FBOs together with the BES was selected.
- * The selected FEWs together and the BESs of respective blocks compose an extension team to conduct FFS for the selected FBOs.

Dissemination of the TP-R (cont'd)



Location of the selected FBOs for rainy season 2018

Dissemination of the TP-R (cont'd)

List of the selected FBOs for rainy season 2018

District	Block	Location	Name of FBO
Bombali	1	Makobir, Mapanki	Makoloh Farmers' Association
	2	Befokanu, Libesayagehun	Makolma Farmers' Association
	3	Mabokani, Saifoko Limba	Taduba Farmers' Association
	4	Magbana, Gbendambu Ngowaihun	Nywalo Farmers' Association
	5	Makomray, Gbandi	Kamuyu Farmers' Association
	6	Kathire, Sella Uruba	Therogoh Farmers' Association
Kambila	1	Rofunk, Mambob	Robass Agricultural Development Association
	2	Tanuya, Gbheh Diking	Famatho Farmers' Association
	3	Masineh, Magbema	Magbema Women's Cooperatives
Port Loko	4	Kakola, Tonko Uruba	Bapayor Farmers' Association
	1	Maghatta, Bureh, Kaseh	Right to life Farmers' Association
	2	Suctarr Lungi, Kafu Bulom	Suctarr Community Development Association
	3	Makabile, Koya	Makabile Farmers' Association
	4	Rokamba, Buya Romende	Mayenney Farmers' Association
	5	Maktump, Dbia	Ttikoloh Farmers' Association

Dissemination of the TP-R (cont'd)

(3) Conduct of Training of Trainers (TOT) on the TP-R

- * The TOT is organized in two parts, i.e. the first part organized before the cropping season and the second part scheduled to be held before the harvest. Additional on-site sessions may also be organized at the timing of transplanting and panicle initiation.
- * The training covers technical components of the TP-R, the schedule of FFS sessions, dissemination guidelines, tips for effective extension, use of extension materials, and so forth.
- * The monitoring on the FFS and farmers' practices are to be conducted by using the mobile applications, for which an additional training was also organized for the selected FEWs who are equipped with the Project's mobile phones.

Dissemination of the TP-R (cont'd)

(4) Procurement & provision of the inputs for FFS

- * A set of farm tools such as hoes, cutlasses, shovels, etc. were procured by SRPP and provided to the selected FBOs.
- * Seed rice and fertilizers are also to be procured and distributed to the FBOs in line with the cropping calendar.

(5) Conduct of FFS sessions by the extension teams

- * The TP-R Demonstration Plots are established in the FBOs' group farms.
- * Twelve (12) sessions of the FFS will be organized by the extension teams following the guidelines provided by SRPP.
- * After each session, FFS session reports will be submitted by the FEWs via mobile applications.

Dissemination of the TP-R (cont'd)

(6) Training on yield survey

- * Together with the second part of TOT before the harvest time, a training on yield survey will be organized.
- * The training is composed of the classroom sessions and field exercises to learn how to conduct yield surveys to ensure the precise yield measurement in the demo plots as well as in the FBOs' group farms at harvest.

(7) Monitoring of farmers' cultivation techniques

- * Progress of farming activities in FFS demo plots as well as in the conventional plots are to be closely monitored by the extension teams throughout the cropping season.
- * The monitoring data will also be submitted via mobile applications, which is linked with the progress monitoring on FFS sessions.

PHOTOS



TOT Lecture (Port Loko)
Provision of farm tools to FBO (Bombali)



TOT Exercise (Port Loko)
FFS session (Kambia)



TOT Exercise (Kambia)
FBO working at FFS demo plot (Bombali)



On-Farm Trials

- * Some on-farm trials will be conducted to identify any additional techniques and/or innovations to enhance the adoption of the TP-R among farmers.
- * One (1) trial plot for one theme will be set up in the group farm of one of the selected FBOs per district
- * On-farm trials will directly be supervised and monitored by SRPP in collaboration with the respective FBOs

Flow of Activities of On-farm Trials

- (1) Planning of on-farm trials
- (2) Setting up of trial plots
- (3) Implementation of on-farm trials
- (4) Analysis of the trial results

On-Farm Trials (cont'd)

(1) Planning of on-farm trials

- * The technical themes of on-farm trial will be selected.
- * The FBOs in whose group farm the trial plots will be set up will be selected.
- * Size & design, resources required, schedule of interventions and monitoring, data to be gathered will be clarified.

Items	Description
Field area Treatments	500m ² 1. Control (no fertilizer). 2. Split fertilizer application 1 (two-thirds for basal and one third for top dressing), and 3. Split fertilizer application 2 (one-third for basal and two-thirds for top-dressing)
Replicates	3 (Mabonkani, Bambali; Rokamba, Port Loko; and Tawuya, Kambia)
Cultivation method	Following the TP-R
Items/aspects to be measured/observed	1. The number of tillers at panicle initiation 2. Yield in each plot (unit area sampling (25 m ²), and all cutting method) 3. Yield components (number of panicles, number of grains per panicle, grain filling ratio, and 1,000 grain weight)

On-Farm Trials (cont'd)

(2) Setting up of trail plots

- * The trial plots are established in respective FBO group farms under close supervision by SRPP.

(3) Implementation of on-farm trials

- * Some innovative techniques will be tried out to be compared with the conventional practices.
- * Regular monitoring will be done by SRPP experts and local staff to collect necessary data.

(4) Analysis of the trial results

- * After the harvest, all data will be analyzed by SRPP expert to examine the effects of the techniques / innovations that have been tried out

Participatory IVS Development

- * SRPP will formulate the IVS development plan and conduct related training for MAF officers in the three districts.
- * Based on the IVS development plan, IVS development of small scale will be conducted with participation of the FBOs who are cultivating rice in the particular IVS.

Flow of Activities of Participatory IVS Development

- (1) Identification of the IVSs to be developed
- (2) Explanatory meetings with FBOs
- (3) Site surveys cum on-the-job training
- (4) Formulation of IVS development plans
- (5) Consultative meetings with FBOs
- (6) IVS development planning cum on-the-job training
- (7) Construction management cum on-the-job training

Participatory IVS Development (cont'd)

(1) Identification of the IVSs to be developed

- * The IVSs are to be selected through discussions and exchange of opinions among SRPP experts, district engineering staff and BESS concerned.
- * Collaboration with WFP's Food for Work Programme would be taken into consideration in identification of the IVSs.

(2) Explanatory meetings with FBOs

- * Initial meetings with the FBOs working in the selected IVSs will be organized to explain participatory IVS development and to obtain consent of the FBOs on the site survey to be conducted in the IVSs.
- * Involvement of FBOs in the actual physical work should also be explained and agreed upon.

Participatory IVS Development (cont'd)

(3) Site surveys cum on-the-job training (OJT)

- * Detailed site surveys will be conducted in the selected IVSs through interviews with FBOs, topographic survey and data analysis.
 - * The process of the site survey serves as the OJT for the staff of engineering section of DAO.
- ### (4) Formulation of IVS development plans
- * Based on the results of site surveys, meetings with FBO and discussion with relevant stakeholders, IVS development plans of the selected IVSs will be formulated.
 - * An IVS development plan includes plans of construction of simple water control structures, dredging for drainage, levee and/or levelling of the paddy fields, and so forth.

Participatory IVS Development (cont'd)

(7) Construction management cum on-the-job training (OJT)

- * Actual construction works in the IVSs will take place after planning, consensus building and training.
- * The process of construction works will also serve as the OJT for engineering staff and extension workers so that they will be able to transfer simple technologies to the FBOs.
- * FBOs will also be able to sustainably operate in and maintain their IVSs.

Participatory IVS Development (cont'd)

(5) Consultative meetings with FBOs

- * Meetings with the FBOs working in the selected IVSs will be organized to explain the drafted IVS development plans.
- * Contents, methods, schedule and duration of as well as the required labour for physical works will be explained in detail to obtain consensus on mobilization of farmers' labour for the planned activities.

(6) IVS development planning cum on-the-job training (OJT)

- * Surveying, water management planning, irrigation facility planning, design and cost estimation will be conducted by the engineering staff and extension workers under supervision by SRPP experts as the OJT.
- * The FBO members are also trained on survey tool making, development of paddy fields, operation & maintenance, and rehabilitation of the IVS.

Provision of equipment

In addition to the equipment provided during the 1st period of SRPP, the following equipment will be procured by JICA for the smooth implementation of the Project.

Item	Quantity	Remarks
Motorbike	6	125cc
Office furniture	1 set	Desk, chair, cupboard
Personal computer	2	Laptop, 500 GB HD, 4GB RAM

Issues and Challenges

- Issues of the new district of Karene: To include Karene district in the target districts of SRPP, amendment of the stipulation of Record of Discussions (R/D) is needed, which requires formal processes.
- Many “volunteer” extension workers who have not yet been given pin code.
- Insufficient means of mobility and fuel for extension workers

End

THANK YOU FOR YOUR ATTENTION