



Dispatch of Experts on Rice Sector Development: Rice Management

Evaluation Report

St. Louis, August 19 – 21, 2022

1. Evaluation Basis

The Non-Aligned Movement Centre for South-South Technical Cooperation (NAM CSSTC) conducts programme evaluation on “Dispatch of Experts on Rice Sector Development: Rice Management” by collecting, analysing, and processing data to describe aspects of programme effectiveness and efficiency.

a. Resource Mobilisation

NAM CSSTC mobilises Human Resources (HR) from the internal NAM CSSTC to carry out the evaluation, which consists of:

- Acting Director: Oversees the evaluation process and ensures that it is carried out as planned;
- Assistant Director for Programme: Analyzes data and compiles evaluation reports;
- Assistant Director for Administration and Finance: Provides additional support, particularly related to finance, during the evaluation process; and
- Information Network Staff: Collects data, both text and visual/photo.

The central subject of the evaluation is the program's stakeholders, who in this case are experts from the Ministry of Agriculture of the Republic of Indonesia, Dr. Fiadini Putri from Indonesian Centre for Agricultural Training (ICAT) Lembang and Dr. Nafisah from Rice Research Institute, including the NAM CSSTC team. However, in order to obtain credible data in conducting an analysis of the effectiveness and efficiency of our work, the participants as beneficiaries, who are farmers in agCelerant, Senegal, participate in the evaluation.

The following aspects are measured during the evaluation:

- How the needs of experts were met during the programme;
- The results of the questionnaire with participants, which essentially determine how the programme was implemented according to plan; and
- Whether the programme met the expected goals.

Appendix 1 is an empty version of a questionnaire sheet that was used to collect evaluation data.

Participants were given questionnaire sheets on August 22, 2022, and they were due back on August 27, 2022. By the time the questionnaire was closed, it had reached 62% of its target number of respondents.

b. Techniques to Improve the Quality of Evaluation

NAM CSSTC employs a variety of techniques to improve the quality of this evaluation, including:

- Make a two-way evaluation: In addition to evaluating experts, NAM CSSTC provides opportunities for participants and experts to evaluate the NAM CSSTC team's work and results throughout the programme;
- Providing incentives for those who participate in the evaluation process: NAM CSSTC awards a certificate to each party who completes the questionnaire. These individuals can use these certificates to advance their careers;
- Comparing: Because expert elements have become NAM CSSTC partners since 2021, we determine whether there is an improvement in the performance of the elements in question when compared to the programme in 2021; and
- Transparent: NAM CSSTC has made efforts to meet the indicators for transparency in the evaluation process through the preparation of this public report. This report will also look at the results of the questionnaire sheet. The publication of the report binds NAM CSSTC to the obligation to report matters in accordance with the facts because everything stated in the report can be easily verified by related or interested parties.

c. Discussion Summary

The training begins with an opening session. The following institutions attended the opening session:

(i) Africa Rice Center; (ii) Senegal's Ministry of Agriculture; (iii) Embassy of the Republic of Indonesia in Dakar; (iv) NAM CSSTC; and (v) Manobi Africa. The following are the main points of their speeches:

- Indonesia is capable of providing training to Senegalese citizens because it has demonstrated successful experience in achieving food security through strong technical knowledge in the field of rice cultivation. The concrete food security that Indonesia has successfully achieved is how Indonesia has successfully transformed from an importer of food products to an exporter;
- Senegal has encountered various challenges related to rice cultivation, and it is hoped that participation in the training programme can be a solution in dealing with these challenges;
- Paying special attention to soil quality through the selection of appropriate fertilisers, the use of high-quality rice seeds, plant spacing, and knowing the right amount of fertiliser based on the age of the plant are all things that must be done to achieve successful rice management.

Following the opening session, the main session began, which included class sessions and field practise sessions.

1) First Day (August 19, 2022)

On the first day of the training, the topics covered included sharing Indonesia's experiences in rice cultivation and the implementation of superior rice varieties. Some key takeaways from discussions between participants and experts include:

- Indonesia was recently recognised by the International Rice Research Institute (IRRI) as a country that can meet its domestic rice demand for three years in a row;
- Senegal continues to import rice. Although Senegalese farmers grow rice, some Senegalese people prefer to consume imported rice for various reasons;
- To address concerns about false claims for superior rice varieties, each rice breeder must have a licence to distribute the varieties s/he develops.

2) Second Day (August 20, 2022)

The second day of training focused on soil quality, the use of organic fertilisers, rice cultivation techniques, and pest and plant disease management. Because a larger portion of the time was allotted for participants to complete group assignments, the second day session was very interactive. The group assignments include gathering responses from each group on what they believe can affect soil quality and how to maintain soil quality, as well as groups being asked to create a simple tool for measuring plant spacing based on the *jajar legowo* technique.

Key points from the expert-participant discussion included:

- Each group of participants provided correct answers about soil quality negative factors: (i) excessive use of fertilisers; (ii) overuse of land; (iii) excessive use of land enhancers; and (iv) a lack of ploughing tools.
- When asked how to maintain soil quality, the participant group responded that it is critical to harvest properly so that the soil is ready for use in the following growing season;
- Experts advised the Senegalese farmers to diversify crops to maintain soil quality, including planting corn after the land had been used to grow rice; and
- Experts provide guidance on the sequence of rice planting processes, beginning with: (i) land preparation; (ii) irrigation; (iii) waiting time for the land to be relatively dry; and (iv) sowing of seeds that had gone through the germination process.

3) Third/Final Day (August 21, 2022)

The third and final day of training is a full field practise for the participants. The practise was done at Africa Rice's demonstration plot facility, which is about 20 minutes away from the class location.

Participants at the demonstration plot engaged in a variety of hands-on activities, including making organic fertiliser, taking soil samples to identify soil characteristics, identifying soil characteristics using the Rice Field Soil Test Tool-*PUTS*, and planting rice seedlings using the *jajar legowo* spacing technique.

2. Direct Observation and Questionnaire Results

The NAM CSSTC evaluation data is derived from two sources: the first from direct observations by the NAM CSSTC team, and the second from the results of the questionnaire sheet.

a. Direct Observation

Some of the direct observational evaluation points are as follows:

- The need for an electronic means of simultaneous interpretation of SIS so that the interpretation of Wolof Language can be carried out at the same time as the expert is speaking so that the duration of the session is not affected;
- Information channels such as short message groups play an important role in ensuring the smooth running of the training, so that organisers can provide participants with real-time schedule adjustment information update;
- Weather constraints, such as rain causing puddles of water in a number of expert mobility trajectories, must be predicted since activity planning, so that adjustments to the schedule for the start of activities and the location of activities can be made; and
- During the program's implementation, both the organisers and the experts continue to pay attention to an important principle of international relations, namely the principle of non-interference. Sharing experiences about Indonesian agricultural policies with Senegal is done solely for informational purposes, and the decision whether or not Senegal will replicate it is entirely up to the Senegalese government's policy.

b. Questionnaire

The evaluation results based on the completion of questionnaires by experts and participants were divided into two categories: expert evaluation and NAM CSSTC team evaluation.

1) Experts

The expert evaluation resulted in the conclusions described in the table below.

No.	Indicator	Score
1.	Perception of participants' understanding on rice varieties	86
2.	Perception of participants' understanding on the soil quality field	89
3.	Perception of participants' understanding of fertiliser	97
4.	Perception of participants' understanding on rice planting	94
5.	Perception of participants' understanding on integrated pest and disease management	92
6.	Dr. Nafisah's training readiness	98
7.	Perception of Dr. Nafisah's understanding of training subjects	93
8.	Dr. Nafisah's level of initiative	98
9.	Dr. Fiadini Putri's training readiness	93
10.	Perception of Dr. Fiadini Putri's understanding of training subjects	96
11.	Dr. Fiadini Putri's level of initiative	96

No.	Indicator	Score
12.	The two experts' teaching and presentation quality	98
13.	Training and reading materials' usefulness	98
14.	Training content conformity with participant expectations	96
15.	Training content conformity with initial information received by participants prior to participation in the training	93

Based on the above description, it is concluded that the two experts received an overall score of 94, with scores above the average obtained on the following indicators: (i) Perception of increased understanding of participants in the field of fertiliser and rice planting; (ii) level of initiative of the two experts; (iii) readiness of Dr. Nafisah in training; (iv) level of perception on Dr. Fiadini Putri's understanding of the subject of training.

When compared to the performance of elements of the expert staff during the previous period's programme implementation, namely the implementation of the agricultural training project in 2021, where the expert received a score of 91, there is a 3-point increase in performance.

Other indicators on the questionnaire sheet are closed-ended questions, the results of which can be summarised as follows:

- All participants believe that the training materials and reading materials provided are appropriate for Senegalese people;
- All participants intend to recommend this training to their peers;
- The four main reasons that motivated participants to participate in the training were: (i) Gaining a better understanding of Indonesia and its agricultural practises; (ii) acquiring technical skills; (iii) enhancing work resume/CV and expanding future career opportunities; and (iv) learning innovative approaches to contemporary agricultural challenges;
- A total of 55.6% of participants reported learning about this training from personal contacts (friends or relatives); and
- Two major topics of advanced training that participants hope to receive in the next period are "Rice Production Resistant to the Impact of Climate Change" (55.6%) and "Rice Varieties and Their Technology" (22.2%).

2) NAM CSSTC Team Performance

The NAM CSSTC team's evaluation resulted in the conclusions listed in the table below.

No.	Indicator	Score
1.	Knowledge of the NAM CSSTC team to complete and correctly carry out the training	100
2.	The skills possessed by the NAM CSSTC team to carry out the training	100
3.	Material completeness and training momentum accuracy	98
4.	Consistency between reality and expectations regarding the function of the NAM CSSTC team's presence onsite	95
5.	The punctuality of the NAM CSSTC team	96
6.	NAM CSSTC team's dependability in completing its primary tasks	100
7.	NAM CSSTC team leadership during training	100
8.	The NAM CSSTC team's positive attitude and enthusiasm for training	98
9.	NAM CSSTC team synergy and harmony in collaboration with local committees and experts	98
10.	Clarity of the NAM CSSTC team's information	98
11.	Level of NAM CSSTC team initiative	100

Based on the above description, it is concluded that the NAM CSSTC team received an overall score of 98, with an above-average score on 10 of the 11 indicators.

Évaluation du programme / *Programme Evaluation*

Cette évaluation n'est PAS anonyme. Cependant, votre performance dans notre programme n'aura aucune incidence sur la délivrance ou non de votre certificat. Cette évaluation a pour seul but d'améliorer l'organisation de notre programme à l'avenir.

This assessment is NOT anonymous. However, your assessment on our programme will not affect our decision whether or not we will issue your certificate. The purpose of this evaluation is solely to improve the organisation of our programme in the future.

***Required**

1. Nom et prénom / *Full Name* *

Veuillez entrer votre nom complet tel qu'il apparaît sur votre carte d'identité officielle. Ces informations seront utilisées comme références lors de la délivrance du certificat.

Please input your full name as per your official ID card. This information will become reference for us in issuing certificate.

2. Votre rôle dans le programme / *Your role in the programme:* *

Mark only one oval.

- ☐ Participant *Skip to question 3*
- ☐ Spécialistes / Experts *Skip to question 25*
- ☐ Partenaires institutionnels du NAM CSSTC / Institutional partners of NAM CSSTC
Skip to question 25

Évaluation (uniquement pour les participants) / *Evaluation (Only for Participants)*

3. Adresse e-mail / *Email address* *

4. Numéro Whatsapp / *WhatsApp number* *

I. L'évaluation de l'étude / Study Assessment

5. Dans quelle mesure pensez-vous que votre connaissance de la variété de riz s'est améliorée à la suite de la formation ? / *How well do you think your knowledge on RICE VARIETY has improved after attending the training?* *

Mark only one oval.

	1	2	3	4	
0% d'amélioration / improvement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	100% d'amélioration / improvement

6. Dans quelle mesure pensez-vous que votre connaissance de FIELD QUALITY s'est améliorée à la suite de la formation? / *How well do you think your knowledge on FIELD QUALITY has improved after attending the training?* *

Mark only one oval.

	1	2	3	4	
0% d'amélioration / improvement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	100% d'amélioration / improvement

7. Dans quelle mesure pensez-vous que votre connaissance des ENGRAIS s'est améliorée à la suite de la formation ? / *How well do you think your knowledge on FERTILISER has improved after attending the training?* *

Mark only one oval.

	1	2	3	4	
0% d'amélioration / improvement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	100% d'amélioration / improvement

8. Dans quelle mesure pensez-vous que vos connaissances sur la RIZICULTURE se sont améliorées à la suite de la formation ? / *How well do you think your knowledge on RICE PLANTING has improved after attending the training?*

Mark only one oval.

	1	2	3	4	
0% d'amélioration / improvement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	100% d'amélioration / improvement

9. Dans quelle mesure pensez-vous que vos connaissances sur la GESTION DES RAVAGEURS ET DES MALADIES se sont améliorées à la suite de la formation ?
/ How well do you think your knowledge on PEST AND DISEASE MANAGEMENT has improved after attending the training?

Mark only one oval.

	1	2	3	4	
0% d'amélioration / improvement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	100% d'amélioration / improvement

II. Évaluation d'experts / *Expert Evaluation*

10. Veuillez évaluer l'état de préparation du Dr Nafisah pour la formation. / Please rate how prepared Dr. Nafisah for the training? *

Mark only one oval.

	1	2	3	4	5	
Pire / Worst	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Meilleur / Best

11. Dans quelle mesure le Dr Nafisah semble-t-il comprendre le sujet de la formation ? / *How well does Dr. Nafisah seem to understand the training subject?* *

Mark only one oval.

	1	2	3	4	5	
Pire / Worst	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Meilleur / Best

12. Que pensez-vous de l'initiative du Dr Nafisah ? / *How do you rate Dr. Nafisah's initiative?* *

Mark only one oval.

	1	2	3	4	5	
Pire / Worst	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Meilleur / Best

13. Veuillez évaluer l'état de préparation du Dr Fiadini Putri pour la formation. / *Please rate how prepared Dr. Fiadini Putri for the training?* *

Mark only one oval.

	1	2	3	4	5	
Pire / Worst	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Meilleur / Best

14. Dans quelle mesure le Dr Fiadini Putri semble-t-il comprendre le sujet de la formation ? / *How well does Dr. Fiadini Putri seem to understand the training subject?* *

Mark only one oval.

	1	2	3	4	5	
Pire / Worst	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Meilleur / Best

15. Que pensez-vous de l'initiative du Dr Fiadini Putri ? / *How do you rate Dr. Fiadini Putri's initiative?* *

Mark only one oval.

	1	2	3	4	5	
Pire / Worst	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Meilleur / Best

III. Évaluation de la formation / *Training Evaluation*

16. Qu'avez-vous pensé des conférences et des présentations ? / *How did you find the lectures and the presentations?* *

Mark only one oval.

	1	2	3	4	5	
Très mauvais / Very bad	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Très bien / Very good

17. Les supports de formation et les lectures vous ont-ils été utiles ? / *Did you find the training materials and readings helpful?* *

Mark only one oval.

	1	2	3	4	5	
Pas du tout / Not at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Totalement / Completely

18. Avez-vous trouvé que le matériel de formation et les lectures étaient appropriés aux besoins de votre communauté ? / *Did you find the training materials and readings fit the needs of your community?* *

Mark only one oval.

☐ Oui / Yes

☐ Non / No

19. La formation était-elle à la hauteur de vos attentes ? / *Did the training meet your expectations?* *

Mark only one oval.

	1	2	3	4	5	
Pas du tout / Not at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Totalement / Completely

20. Parlez-vous de la formation à un ami ? / *Will you recommend the training to your friend?* *

Mark only one oval.

☐ Oui / Yes

☐ Non / No

21. Qu'est-ce qui vous a poussé à vous inscrire à cette formation en particulier ? / *What made you decide to attend this particular training?* *

Vous pouvez sélectionner plus d'une option.

You may choose more than one answer.

Tick all that apply.

- ☐ pour acquérir des connaissances techniques / To gain technical skills
- ☐ Les questions internationales me passionnent. / Interested in international issues
- ☐ se familiariser avec l'Indonésie et ses pratiques agricoles / To know Indonesia and its agricultural practices
- ☐ pour améliorer le curriculum vitae et augmenter les possibilités d'emploi / To enhance resume and increase employment opportunities
- ☐ pour découvrir de nouvelles approches des défis agricoles d'aujourd'hui / To learn innovative ways to meeting today's agricultural challenges
- ☐ apprendre à cultiver efficacement le riz / To learn how to be effective in rice cultivation
- ☐ Apprendre à travailler en dehors de ma zone de confort / To learn how to work out of comfort zone

22. Comment avez-vous entendu parler de cette formation ? / *How did you come across this training?* *

Mark only one oval.

- ☐ Mon gouvernement m'a informé de cette formation. / I knew about this training from my government
- ☐ Mon entreprise m'a informé de cette formation. / I knew about this training from my workplace
- ☐ Mon contact personnel m'a informé de cette formation. / I knew about this training from my personal contact

23. La formation correspondait-elle aux informations fournies par votre gouvernement/lieu de travail/contact personnel ? / *Did the training match the details that was mentioned by your government/workplace/personal contact?* *

Mark only one oval.

	1	2	3	4	5	
Pas du tout / Not at all	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Totalement / Completely

34. Selon vous, dans quelle mesure les informations fournies par l'équipe NAM CSSTC sont-elles claires ? / How do you rate the clarity of information provided by the NAM CSSTC's team? *

Mark only one oval.

	1	2	3	4	
Pauvre / Poor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent

35. Comment évalueriez-vous l'initiative de l'équipe NAM CSSTC ? / How do you rate the initiative of the NAM CSSTC's team? *

Mark only one oval.

	1	2	3	4	
Pauvre / Poor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent

PHOTO DOCUMENTATION



