



## Report of the Non-Aligned Movement Centre for South-South Technical Cooperation (NAM CSSTC) on the Implementation of “Dispatch of Experts on Agriculture to Fiji 2019” and Way Forward

### ***Overview of Demonstration Farm***

1. Demonstration Farm (Demfarm) is a project initiated by the Government of Indonesia to optimise utilisation of 100 hand tractor units granted by the Government of Indonesia to the Government of Fiji.
2. Demfarm activity is important to ensure maintenance of hand tractor units and prevent tractors from being broken down due to regular operations.
3. Implementation of Demfarm supports promotion of no poverty and sustainable cities and communities as captured in SDG1 and SDG11.
4. Demfarm shall duplicate Field School for Integrated Crop Management (FSICM) in Indonesia, which delivers field training in participants' land field to increase productivity.
5. In addition to FSICM, it is expected to repeat the success of Indonesia's pilot projects, namely Field School in Sudan and Madagascar and establishment of training centres in Tanzania and Gambia.
6. Demfarm project is divided into two programmes, namely dispatch of experts for a month in order to conduct fact finding, feasibility study and discussion with officials of Ministry of Agriculture (MoA) of Fiji on agricultural issues, market condition and institutional structure. Observation and research results will be used as recommendations for Demfarm development. The second programme is organisation of Demfarm for six months.
7. In the framework of Demfarm, Indonesian experts and Fijian farmers will exchange experiences on food crop production technique, training methodology and agribusiness technology.

### ***General Report***

8. In order to optimise the utilisation of 100 hand tractor units granted by the Government of Indonesia to the Government of Fiji, the Non-Aligned Movement Centre for South-South Technical Cooperation (NAM CSSTC) in collaboration with the Government of Indonesia dispatched experts of agriculture to Fiji as a pathway to develop Demfarm in Fiji.
9. To facilitate the dispatch, NAM CSSTC and the Government of Indonesia assigned two Indonesian agricultural experts, namely Dr. Astu Unadi from the Training Centre for Agricultural Mechanisation (TCAM) and Mr. Djoko Sumianto from National Agricultural Training Centre in Ketindan to transfer their knowledge to researchers and extension officers at Koronivia Research Station and Sigatoka Research Station.
10. The programme took place between 27<sup>th</sup> of April to 24<sup>th</sup> of May 2019, which included training on theory and practice of agricultural mechanisation, coordination with relevant stakeholders in Fiji, meeting to discuss development of Indonesian tractor auction and field orientation. The orientation was intended to identify Demfarm requirements.
11. Ceremony for Dispatch of Expert was opened on 29<sup>th</sup> of April 2019 at the Office of MoA Fiji, accompanied by NAM CSSTC's delegates and Ministers-Counsellor of the Embassy of Indonesia in Suva. Delegates were received by Permanent Secretary of MoA Fiji, David

Kolitagane. Upon conclusion of the ceremony, Embassy's MinCon handover Compilation Book of Indonesian Agricultural Machinery to the Permanent Secretary.

12. Following the Ceremony, experts headed to Conference Room of Koronivia Research Station to conduct a training. The training mainly discussed Agricultural Mechanisation topic based on demand from 14 participants. MoA Fiji is hopeful that the grant tractor from the Government of Indonesia could be independently operated and maintained by officers at the MoA. Training in Koronivia.
13. Experts also conducted field visit to examine availability of tools in supporting practical class. The results were recorded as follows:
  - a. Koronivia Research Station possesses various tractors granted by development partners.
  - b. Few tractors were in damaged conditions due to unavailability of toolkit to maintain tractor engines.
14. NAM CSSTC's delegates visited Koronivia Research Station on 30<sup>th</sup> of April 2019 and commenced by representative of the Station. We delivered overview of NAM CSSTC's works, namely implementation of training, workshop, conference, seminar and apprenticeship in the framework of South-South Cooperation (SSC). We also conveyed that Fiji is one of NAM member country and expected sustainability of "Dispatch of Experts of Agriculture" programme to promote cooperation among NAM member countries.
15. Introductory session was followed by monitoring of hand tractor simulation. Participants learned about tractor operation and cooling, lubricant, clutch part and differential engine mechanism. Training session during day two was facilitated by extension officers from Koronivia Research Station, while in the following days, Indonesian experts facilitated the training in accordance with provisional agenda.
16. Similar training topics were duplicated during agenda implementation at Sigatoka Research Station.
17. In connection with implementation of Training, participation of researchers and technical staffs at two research stations demonstrated skills enhancement, according to score comparison between Pre-Test and Post-Test. With the increase in skills, 100 grant tractor units from the Government of Indonesia will be well-maintained.

### **Way Forward**

18. Contribution of NAM CSSTC and Government of Indonesia in the dispatch programme showcased efforts to further realise food security in Fiji. Through mechanisation of agriculture, it is expected that Fiji as beneficiary country could increase agricultural productivity which meets consumption needs in its country and in the South Pacific.
19. The implementation of Dispatch programme will be followed-up with development of Demfarm to maintain sustainable bilateral cooperation in agriculture between Indonesia and Fiji as NAM member countries.

**PHOTOS**



*Fig 1. Briefing with Ambassador Benjamin Scott Carnadi*



*Fig 2. Coordination with officials and staffs of Ministry of Agriculture of Fiji*



*Fig 3. Transfer of knowledge on Agricultural Mechanisation Theory by Dr. Astu Unadi*



*Fig 4. Introduction to Agricultural Machinery*



*Fig 5. Training Session on Repairing Tractor Engine*



*Fig 6. Field Orientation at Dobuilevu*



*Fig 7. Djoko Sumianto Provided Guidance on Pre-Test at Sigatoka Research Station*



*Fig 8. Field Orientation at Ba Town*



*Fig 9. Participants Practiced Land Management Using Two-Wheel Tractor*



*Fig 10. Closing Remarks by Ambassador Benjamin S. Carnadi*