Summary Report
The 5th Annual Meeting of the Asian and Pacific Network for Testing of Agricultural Machinery (ANTAM)

28-30 November 2018, Yogyakarta, Indonesia

Session 1: Opening ceremony

1. The 5th Annual Meeting of the Asian and Pacific Network for Testing of Agricultural Machinery (ANTAM) was held from 28 to 30 November 2018 in Yogyakarta, Indonesia. The meeting was organized by the Centre for Sustainable Agricultural Mechanization (CSAM) of the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP) in collaboration with the Indonesian Centre for Agricultural Engineering Research and Development (ICAERD) of the Indonesian Agency for Agricultural Research and Development (IAARD) of the Ministry of Agriculture of Indonesia.

2. 17 ANTAM participating countries, i.e. Armenia, Bangladesh, Cambodia, China, France, India, Indonesia, Japan, Malaysia, Nepal, Philippines, Republic of Korea, Russian Federation, Sri Lanka, Thailand, Turkey, and Viet Nam attended the meeting, along with members of the Advisory Panel, namely the Italian Agency for Agricultural Mechanization (ENAMA) – European Network for Testing of Agricultural Machinery (ENTAM), and the Organization for Economic Co-operation and Development (OECD). The Agricultural Machinery Manufacturers Association (AMMA – India) as well as representatives from Bangladesh and Indonesia represented the private sector.

3. Dr. Prama Yufdy, Secretary of Indonesia Agency for Agricultural Research and Development (IAARD), Ministry of Agriculture of Indonesia, delivered welcoming remarks. Dr. Li Yutong, Head of the Centre for Sustainable Agricultural Mechanization of the United Nations Economic and Social Commission for Asia and the Pacific, delivered opening remarks emphasizing the link between ANTAM and the Sustainable Development Goals (SDGs).

4. The secretariat thanked ANTAM focal points in member countries, the Advisory Panel and the Technical Reference Unit for their support. The secretariat expressed gratitude to Indonesia for providing logistical support and co-hosting the 5th Annual Meeting.

Session 2: Opening session

5. The Annual Meeting adopted the agenda and elected Indonesia as the Chair for 2019 and the Russian Federation as the Vice-Chair for 2019.
Session 3: Review of ANTAM work in 2018

6. The secretariat presented the work report of ANTAM in 2018 which was adopted by member countries. Dr. Singh Surendra, former consultant at CSAM, presented the work report of the Technical Working Groups (TWGs).

7. The meeting appreciated the work of the secretariat and highlighted the importance of technical trainings as a key element to support the implementation of the future phases of ANTAM. The importance of constant and committed participation of TWG members in all negotiation meetings was highlighted.

Session 4: Review and Consultation with ANTAM Technical Reference Unit

8. The ANTAM Technical Reference Unit (ENAMA-ENTAM), presented suggestions on the work of ANTAM in 2018 and key suggestions for future phases of implementation including the importance of quality control for testing stations.

Session 5: New Modalities for Updating and Publishing the ANTAM Codes

9. Building on the discussion around the modalities to update the ANTAM Codes, held at the 4th ANTAM Annual Meeting, the secretariat presented an updated version for a new rule-based mechanism to update the ANTAM Codes. The Codes shall be revised every other year, with participating countries submitting their amendment requests for inclusion in the work plan at the ANTAM Annual Meeting of the previous year. Once revised, a Code will not undergo further revision on the following year, unless at least 5 participating countries submit amendment requests for inclusion in the work plan at the ANTAM Annual Meeting held on the previous year. Any variations to proposed amendments will have to be submitted no later than January 1st of the same year in which the amendments will be discussed. The proposal was unanimously adopted by participating countries effective immediately, thus implying that Codes will not be updated in 2019, unless requested otherwise in writing by five or more members by 1 January 2019.

Session 6: Procedural Aspects of the ANTAM Certification Scheme

10. As agreed at the 4th ANTAM Annual Meeting, the secretariat developed rules and regulations regarding the roles and responsibilities of the entities involved in the ANTAM certification scheme, and presented them in a document titled: Asian and Pacific Network for Testing of Agricultural Machinery: Rules and Regulations Concerning Operations of the Network. The document includes rules and regulations concerning: (i) the appointment of National Designated Authorities (ii) guidance on the accreditation of testing stations (iii) the appointment of the Deliberative Committee, and (iv) the role and steps for appointment of the Technical Reference Unit. The secretariat also presented the terms of reference for the Deliberative Committee in a separate document.
11. The participating countries agreed to merge the terms of reference of the Deliberative Committee into the rules and regulations, and adopted the resulting document unanimously, with the provision that the secretariat will look into the funding mechanisms of other certifications schemes, with a view to the support of the work of the Deliberative Committee, and report on its findings at the 6th Annual Meeting. Japan, while not opposing to the adoption, indicated that it would seek further confirmation from its relevant authorities.

Session 7: Technical review and adoption of the ANTAM Codes (2018)


- Regarding ANTAM 001-2018 specific comments and adjustments were received from China.
- Regarding ANTAM 002-2018 specific comments and adjustments were received from China, Japan, and Turkey.
- Regarding ANTAM 003-2018 specific comments and adjustments were received from Bangladesh, China, and Japan.

13. All comments received by member countries will be submitted for review by the TWGs in 2020, unless five participating member countries will submit by 1 January 2019 a written request for review in 2019.

Session 8: Open Discussion with Member Countries

14. Participants were divided into four groups to discuss ANTAM priorities for 2019. In the plenary session the following comments were presented by group representatives: (i) The importance of focusing on the implementation phases of the Codes was highlighted as the main priority; (ii) The need to conduct round robin tests and practical trainings on the application of the Codes was also highlighted, in light of the mutual recognition agreement envisaged in ANTAM phase III; (iii) The involvement of the private sector was appreciated. Moreover, the meeting noted that (iv) in the future the secretariat should explore the possibility of including additional machineries to the corpus of ANTAM

\[1\] Measurement system analysis technique, where independent technicians perform the tests in different stations. Such interlaboratory activity is encouraged to compare discrepancies in results, if any, and determine the reproducibility of test methods.
standards, such as combine harvesters. (v) The inclusion of new technologies was mentioned as a way to keep up with the speed of technological advances in the field of agriculture mechanization.

**Session 9: ANTAM work plan for 2019**

15. The work plan 2019 was presented and unanimously adopted by the meeting.

16. It was agreed that the 5th Meeting of the Technical Working Groups of ANTAM would be held in the first half of 2019 while the 6th Annual Meeting of ANTAM would be held in the latter half of 2019. Time and venue of the meetings will be finalized after further consultation with ANTAM focal points.

**Session 10: Closing session**

17. Dr. Li Yutong, Head of CSAM, delivered closing remarks.

18. The summary report was adopted by consensus on 30 November 2018 in Yogyakarta, Indonesia.