



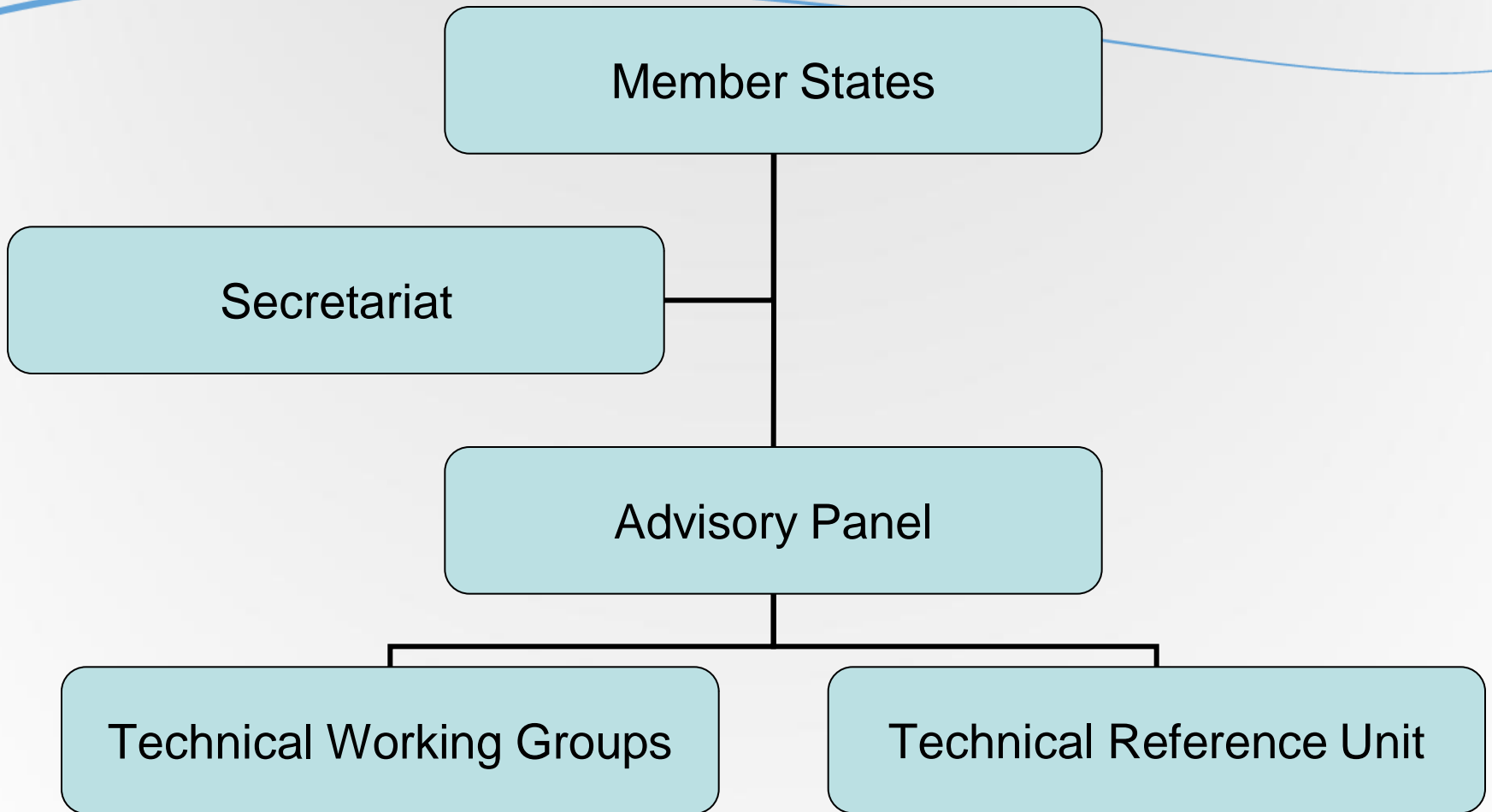
**The 2nd Meeting of the Technical Working Groups of the
Asian and Pacific Network for Testing of Agricultural Machinery
(ANTAM)**

**Presented by
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ANTAM

- Launched in Bangkok in 2013, ANTAM is a regional network composed of national testing stations, research institutes and government agencies in charge of agricultural mechanization.
- 17 member States and associate members of ESCAP have designated focal points – Armenia; Bangladesh; Cambodia; China; France; Hong Kong, China; India; Indonesia; Malaysia; Pakistan; Philippines; Russia; Republic of Korea; Sri Lanka; Thailand; Turkey; and Vietnam.
- ANTAM is aimed to ensure environmental sustainability and quality of agricultural machinery produced and traded in the Asia-Pacific region through introduction of region-wide minimum safety and performance standards of agricultural machinery.
- Implementation of ANTAM Codes is voluntary.
- ANTAM activities include: TWG, annual meeting, capacity building activities.

ANTAM



Progress of ANTAM

- 1st annual meeting of ANTAM, September 2014 in Beijing, China, adopted the ToR of ANTAM and developed an action plan of ANTAM.
- 1st TWG meeting, May 2015 in Serpong, Indonesia, developed the first draft ANTAM codes.
- Regional training of trainers on ANTAM Codes in June 2015, Nanjing, China.
- 2nd annual meeting of ANTAM, December 2015 in New Delhi, India, adopted ANTAM codes on power tillers and sprayers, revised the ToR of ANTAM, adopted the ToR of the TWG.
- ANTAM website (beta) www.antam-network.net, publicity campaign and solid partnership with collaborating partners, ENAMA (Technical Reference Unit), FAO, OECD (tractor codes scheme), UNIDO, the private sector.

TWGs and ANTAM Codes

- Established in February 2015 and include experts from 13 countries i.e. Bangladesh, Cambodia, China, France, India, Indonesia, Malaysia, Pakistan, Philippines, Russia, Sri Lanka, Thailand and Vietnam.
- Tasked to develop, review ANTAM codes and provide technical guidance to the work of ANTAM.
- Three TWGs, i.e. power tillers, powered knapsack misters-cum-dusters, and rice transplanters.
- The ANTAM Codes draw upon major international guidelines and standards formulated by FAO, ISO and OECD, and merge popular codes and practices that are widely used by participating countries to reflect salient regional features.
- The Codes are drafted by the TWGs and presented for adoption to the ANTAM annual meeting.
- ANTAM Codes are regularly updated to reflect member countries needs and major technological changes.

Outcomes of the 2nd TWG

- Review and update of ANTAM Codes and test reports
- ANTAM Standard Test Codes on Power tillers
 - vibration test (Pakistan)
 - rotary shaft test (Bangladesh)
 - waterproof test (Cambodia, Philippines, Thailand)
 - update test report
- ANTAM Standard Test Codes on Powered Knapsack Misters-cum-Dusters
 - review and update the existing testing methodologies
 - acceptable limits
 - update test report
- Simplified ANTAM test reports

Work of ANTAM in 2016

- TWGs in 2016 were enlarged by including experts from China, Indonesia and Malaysia.
- Technical negotiations resumed in March 2016, 14 rounds of online negotiations have been conducted (7 for Power Tillers and 7 for Powered and Knapsack Misters-Cum-Dusters).
- In May 2016, a new TWG on Transplanters was established featuring experts from: China, India, Malaysia, Sri Lanka, Thailand, and Vietnam. Sri Lanka will take the lead in preparing the first draft and conduct a feasibility study.
- In May 2016 the ANTAM website was test run. It contains the network history and major documents.
- In October 2016, the 2nd Training of Trainers Programme on ANTAM Test Codes will be conducted in Nanjing, China in collaboration with China Agricultural Machinery Testing Centre, Ministry of Agriculture (CAMTC/MOA).
- The 3rd Annual Meeting will take place in Colombo, Sri Lanka in November 2016.

Challenges

- Enhance engagement with regional intergovernmental organizations, ASEAN, SAARC, farmers organizations and the private sector to facilitate implementation of and raise awareness on the Codes
- Mutual recognition arrangement
- Appointment of ANTAM Certified Testing Stations



Thank You