



CSAM



# The ANTAM Certification Scheme: Proposed Working Mechanism

Anshuman Varma  
Programme Officer  
Centre for Sustainable Agricultural Mechanization, United Nations Economic and  
Social Commission for Asia and the Pacific (CSAM-ESCAP)

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# Outline

- ❖ Introduction
- ❖ Agricultural Machinery Standardization
- ❖ Definitions
- ❖ Proposed Mechanism for the ANTAM Certification
- ❖ Roles and Responsibilities
- ❖ Next Steps

# ANTAM Road Map

ANTAM implementation phases:

1) Development of region wide agricultural standards that reflect the agricultural and technological needs of countries in the Asia-Pacific region (2014-2016);

2) Establishment of a network of testing stations able to perform the standardized ANTAM Codes and produce consistent test reports (2017- 2020);

3) Establishment of a mutual recognition agreement for test results produced under the ANTAM umbrella (2021-2023)

# Background

- ❖ This proposal has been developed by CSAM in collaboration with the Italian Agency for Testing of Agricultural Machinery-European Network for Testing of Agricultural Machinery (ENAMA-ENTAM).
- ❖ The proposal is based on the decisions and discussions during ANTAM meetings from 2014 to 2017 and aims to present a concrete framework to serve as basis to develop the body of regulations that will enable the network to move toward a functioning mutual recognition system.

# Agricultural Machinery Standardization

- ❖ **Standardization**= an act of simplification
- ❖ Consultations lead to documents agreed by consensus, called **standards** containing specifications to be used as **rules or guidelines**.
- ❖ Agricultural machinery standardization = defines the requirements for **safety, effectiveness and efficiency** related to the design, manufacture, sale and support of machines for the use on agricultural land.

# Definitions

- ❖ **Standardization** refers to the process of developing standards.
- ❖ **Standards:** documents that provide requirements, specifications, guidelines or characteristics that can be used **consistently** to ensure that materials, processes and services are **fit for their purpose**. A standard represents a model specification against which a marker can trade. It codifies best practice and usually represents the state of the art.
- ❖ **Certification:** process or system of rules, procedures and management by which an independent body provides a written assurance -a certificate- that a product, process or service is **in conformity with certain standards**.

**Certification programmes** = communication along the supply chain.

If every step meets positive results certification is composed of 5 steps:

- 1.Application** for testing of the product
- 2.Evaluation/ **testing** to assess that the product meets the qualification criteria
- 3.Analysis and verification** of test results by a specific Committee
- 4.Release of **certificate** by the Certification Body
- 5.Surveillance**

**Certificate:** document issued by the certification body which provides for a **direct correspondence with defined requirements** of the product under a given certification scheme.

The document shall clearly convey or permit to identify the following:

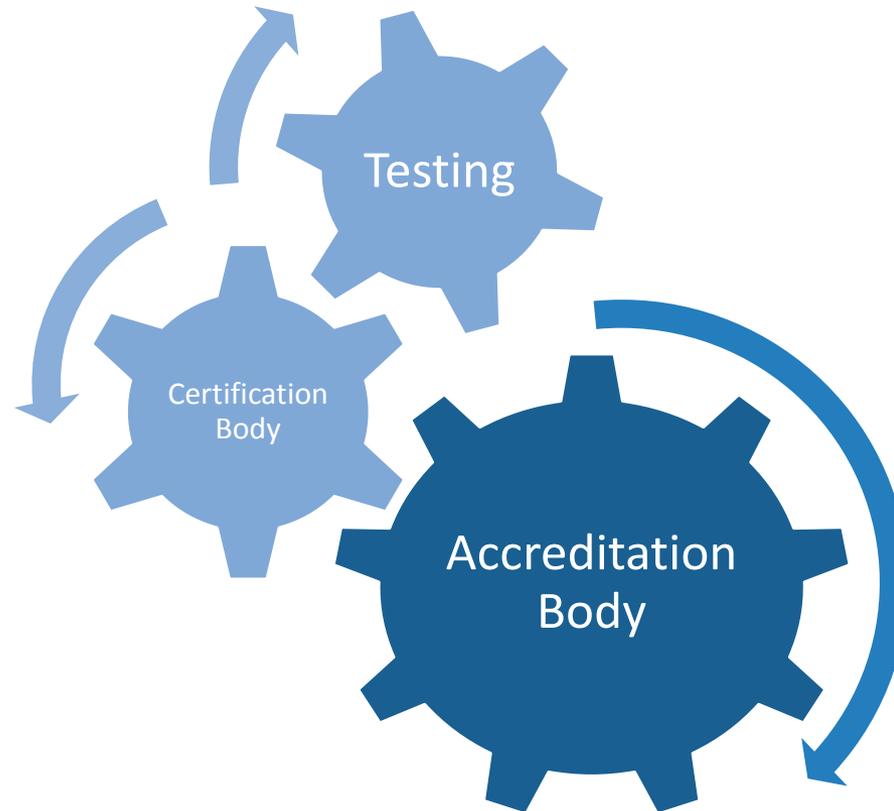
1. Name and address of the certification body;
2. Date of issuance;
3. Name and address of the client;
4. Scope;
5. Term or expiry date;
6. Other information required by the certification scheme;
7. Defined authorization of the certification body;
8. Validity/expiration.

**Certification mark** provided by the product certifier, it includes an **identification number**. Certification marks should be placed on the product in a clearly visible location to enable users to easily get further information regarding the criteria that the product meets on the **certification listings**.

The certification mark must include:

- 1.Product or type of product certified;
- 2.Code that the product is judged to meet, including its version/year of issue;
- 3.Date of certification (and if applicable, its expiration);
- 4.Number of the certification.

# The Certification Process



- ❖ **Accreditation Body:** appoint and regularly **audit the certification bodies** in accordance with the requirements of the certification programme.
- ❖ **Certification Body:** organization performing the tests. The certification body may directly do the actual testing or contract the verification out to an inspection body. The **verification** must be carried out **by a third-party without direct interest in the economic relationship between the supplier and buyer.**
- ❖ **Testing:** procedure of critical evaluation that explores compliance with a given standard.

# The ANTAM Certification Process: A proposal

- ❖ The proposal aims to support the **participatory approach** promoted by ANTAM while at the same time guarantee clear division of **roles and responsibilities**.
- ❖ It aims to guarantee **impartiality, accountability and transparency** to all stakeholders.
- ❖ The proposal is based on the current **organizational needs and possibilities**.

# Key concepts

- ❖ ANTAM is a **new approach** to agricultural machinery certification that aims to support mechanization in a vast and **diverse region** as the Asia-Pacific.
- ❖ The duties and responsibilities of the **Certification Body are equally shared between member countries and the ANTAM Secretariat** hosted by ESCAP-CSAM.
- ❖ **Technical Reference Unit (TRU)** of ANTAM is in charge of carrying out **third party objective checks** of the test reports on behalf of the Certification Body.

# Roles and Responsibilities of ANTAM Stakeholders

**Certification Body** = the ANTAM Secretariat + member countries

- ❖ Responsible for **setting the rules** of the certification process
- ❖ Capability to **perform and arrange** testing, inspection, and evaluation
- ❖ Responsible for acting in an **ethical** and transparent way
- ❖ Guarantees adequate **security and privacy of data**
- ❖ Is a **trustworthy** third party
- ❖ **Impartial** in all phases

## Member Countries

- ❖ **National Designated Authority (NDA)**= a person officially appointed to bear the **responsibility of accreditation** and respond to the Certification Body.
- ❖ Responsible for the **whole system** in their countries.
- ❖ Responsible for the **accreditation** of their national testing stations.
- ❖ Responsible for performing **periodical check** in the testing station in order to evaluate the performed activities.

## Testing Stations

- ❖ Performing **testing activities** according to the procedures and technical specifications issued
- ❖ Responsible for the **test results** of machines tested and testing activities
- ❖ Responsible for selection of the proper **version** of the testing procedures

## Manufacturer or Importer

- ❖ Responsible for the **conformity** of the product
- ❖ Responsible for the **proper use** of the test report and certification

# Evaluation Bodies

## Deliberative Committee

Elected by consensus at the annual meeting, with a mandate of **3 years** and comprises experts from **6 ANTAM participating countries**.

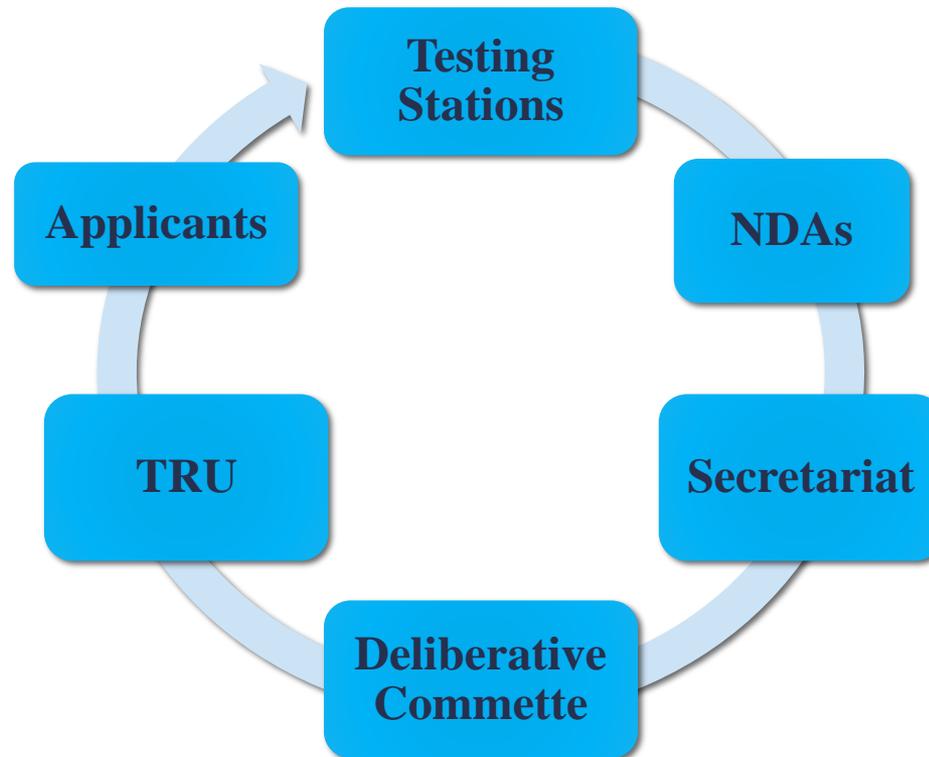
- ❖ **Analyses** the test reports and verifies if the test results are in compliance with ANTAM standards and procedures.

## Technical Reference Unit

Elected by consensus at the annual meeting, with a mandate of 3 years.

- ❖ Carries out **third party formal check** of the test reports and validate the compliance of the test report with ANTAM certification **scheme**.
- ❖ Communicate to the ANTAM Secretariat on certification release.

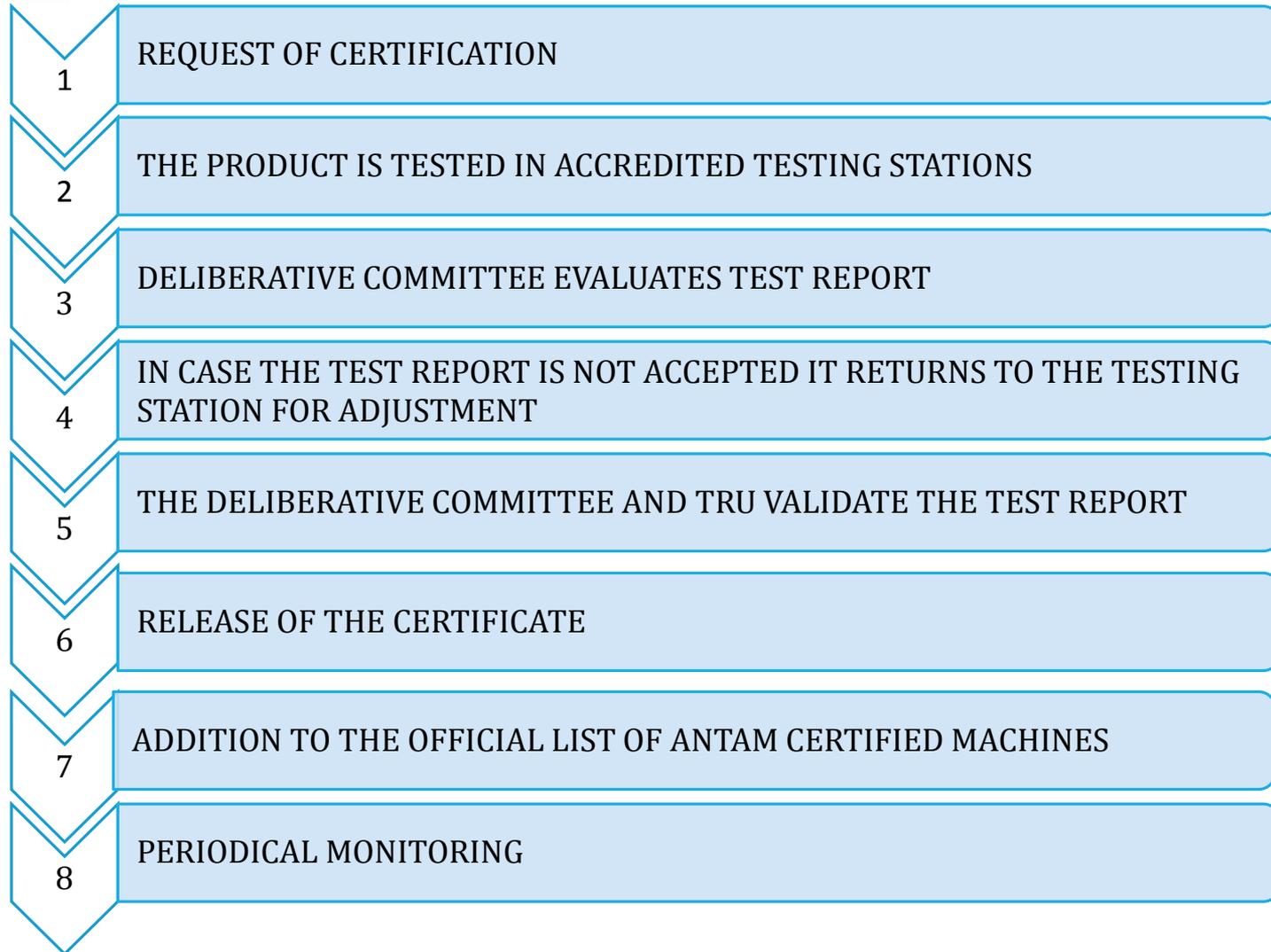
# ANTAM Certification Scheme Stakeholders



# The ANTAM Certification Process

- ❖ The proposed process aims to facilitate the practical implementation of ANTAM in the near future.
- ❖ The 8 stages include all stakeholders and give a **prominent role to member countries** through the National Designated Authorities and the Deliberative Committee.
- ❖ The ANTAM Secretariat assumes the role of major coordinator and will assure that all stakeholders are appropriately engaged in the process.

# Certification Process



# Next Steps

The ANTAM Secretariat shall focus on writing ANTAM official rules and regulations to be adopted by the 5<sup>th</sup> Annual Meeting in 2018. Including:

- ❖ Official **procedure to accredit** testing stations;
- ❖ Official regulations to **appoint National Designated Authorities**;
- ❖ Official regulations regarding the **appointment and the role of the Deliberative Committee**;
- ❖ Official regulations regarding the **role of the Technical Reference Unit**;
- ❖ The ANTAM Secretariat will consider the possibility of establishing a **funding mechanism** for the certification process in accordance with the objectives of the network.

Thank  
you

