



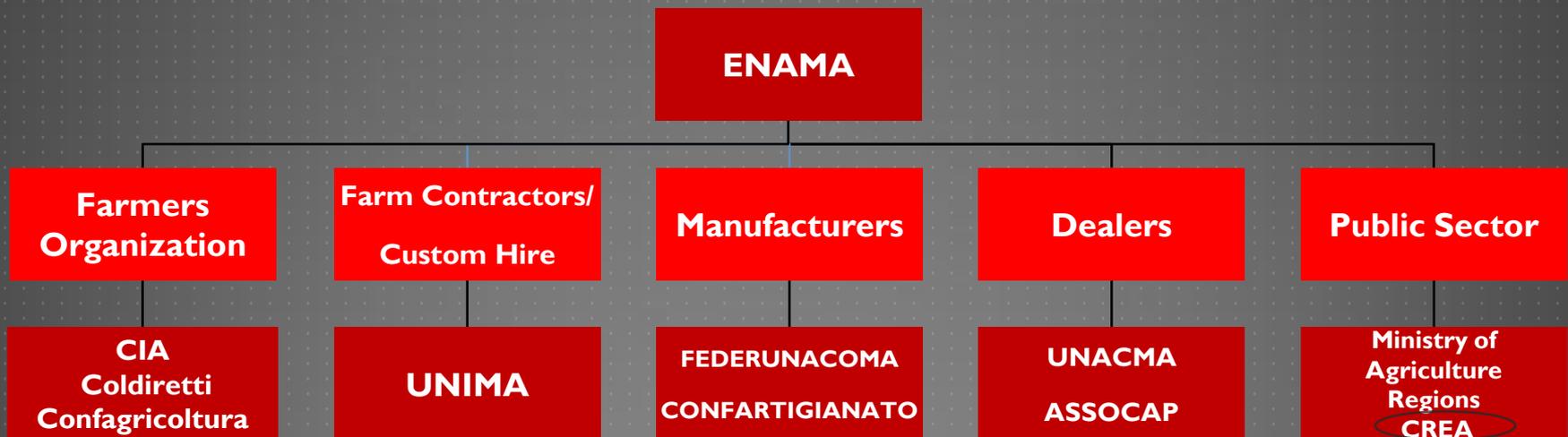
**3RD MEETING OF TECHNICAL WORKING GROUPS OF
THE ASIAN AND PACIFIC NETWORK FOR TESTING OF
AGRICULTURAL MACHINERY
(ANTAM)**

24-27 May 2017, Dhaka, Bangladesh

ENAMA

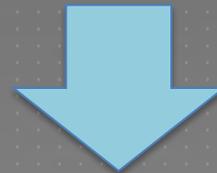
ITALIAN AGENCY FOR AGRICULTURAL ENGINEERING

MEMBERS OF ENAMA



ENAMA ACTIVITIES

Certification/Homologation
Innovation
Expertise/Consultancy
Extension/Training



IN THE FIELD OF AGRICULTURAL ENGINEERING

ENAMA Certification

Machinery Certification:

ENAMA Certification of performances and safety of agricultural machines



VS ENAMA Certification of safety of agricultural machines



ENAMA Certification of components of agricultural machines



ENAMA/AEF Certification of ISOBUS Technologies



Approx. 2500
certifications
released

Approx. 2000
homologations
released

Certification as a highway to agricultural development

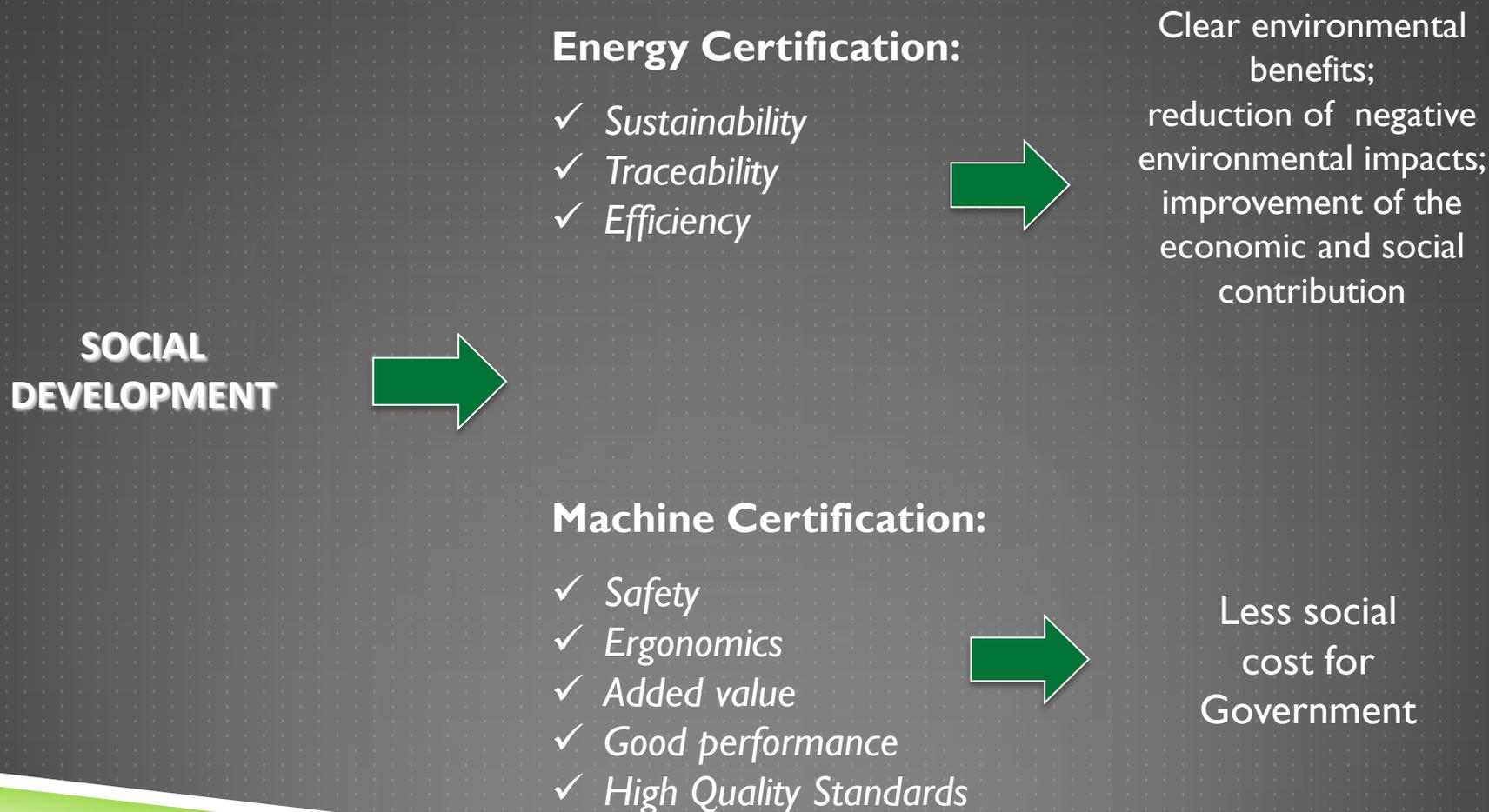
Benefits of Certification

- ✓ Best guarantee of products
- ✓ Easy identification of roles and responsibilities
- ✓ Compliance of products to specific requirements
- ✓ Performance and safety assurance



Agricultural and social development

Certification as a highway to agricultural development



ENAMA International Activities



- ▶ **OECD (The Organization for Economic Co-operation and Development):**
 - National Designated Authority in the Codes and Scheme Section
 - International Coordinating Center for Tractor Codes
 - Development of new activities
- ▶ **ENTAM (European Network for Testing of Agricultural Machines):**
 - International effort to guarantee independent and harmonized testing systems in European Countries
 - Assess performances, safety, environmental protection, animal welfare requirements in animal husbandry
 - European projects and other common activities

- ▶ **European Organizations**: ENTAM Member, Farmers Organizations, Manufacturers Organizations.
- ▶ **ABIMAQ (Brazilian Association of Machines & Equipment Manufacturers)**: agreement for the development of joint activities and the supply on the part of Enama's of certification and type approval services.
- ▶ **DELTA (Tunisia)**: agreement for the promotion of bilateral partnership and coordination and management of commercial agreements, JVs.
- ▶ **IBA (India)**: MoU with the Indian Biogas Association with the aim to strengthen technical cooperation between Italy and India through development projects and opportunities in the field of innovation and agricultural technology, including biogas certification.

ENAMA'S ROLE IN ANTAM

- ▶ The Asian and the Pacific Network for Testing of Agricultural Machinery (ANTAM) is an initiative of the Centre for Sustainable Agricultural Mechanization, a regional institution of the United Nations Economic and Social Commission for Asia and the Pacific
- ▶ ANTAM aims to promote the harmonization of Codes and standards for testing of agricultural machinery applied in the Asia-Pacific region to that address quality, performance, occupational safety and environmental aspect of agricultural production.
- ▶ ANTAM is a regional platform for ESCAP member countries to exchange technologies, share knowledge and best practices to upgrade the existing testing capacity and promote quality agricultural machinery.

ENAMA'S ROLE IN ANTAM

TECHNICAL REFERENCE UNIT OF ANTAM

- ▶ ENAMA has been elected as the **Technical Reference Unit** and Member of the Advisory Panel of ANTAM, along with with FAO, OECD and UNIDO
- ▶ The **Technical Reference Unit (TRU)** provides **technical support** and third-party, **objective check on the technical content** of the testing reports performed by participating member countries in compliance with ANTAM Codes and procedures
- ▶ The TRU is selected by consensus at the ANTAM annual meeting, with a mandate of three years

THANKS FOR YOUR ATTENTION

Luigi Pari

Ph.D. in Agricultural Engineering

Member of Enama

CREA-ING

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