



Work Report of 2020 & Work Plan for 2021

6th Member Meeting of the Regional Council of Agricultural Machinery Associations in Asia and the Pacific (ReCAMA)

23 Nov. 2020

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United Nations Economic and Social Commission for Asia and the Pacific (ESCAP)

About ReCAMA

- **Established** in **2014** in Wuhan, China, as a regional network of private sector agricultural machinery associations
- **Objectives:**
 - strengthen the capacity of national agricultural machinery associations
 - facilitate exchange of knowledge and information
 - Enhance business connections and regional trade and investment
- **Website:** recama.un-csam.org
- **Wechat Group:** ReCAMA Community



About ReCAMA

21 Member associations

15 Countries in Asia and the Pacific

5 Trainings and Study Tours

3 Publications completed/in-progress

1 Regional Directory of enterprise members (in-progress)

6 Member Meetings organized

5 Exhibitions visited (China, India, Nepal, Thailand, Turkey)

450 Beneficiaries of training, events, network platforms

Wide network coverage: 21 Members in 15 Countries

- **Bangladesh** - Agricultural Machinery Manufacturer Association of Bangladesh (AMMAB)
- **Cambodia - Agribusiness Machinery Association in Cambodia (AMAC)**
- **China** - China Agricultural Machinery Distribution Association (CAMDA)
- **China** - China Association of Agricultural Machinery Manufacturers (CAAMM)
- **China** - China Agricultural Mechanization Association (CAMA)
- **India** - India Agricultural Machinery Manufacturers' Association (India-AMMA)
- **Indonesia** - Association of Indonesian Agriculture Machinery (ALSINTANI)

- **Mongolia** - Association of Mongolian Crop Farmers (AMCF)
- **Malaysia** - Farmer's Organization Authority (LPP)
- **Malaysia** - Malaysia National Farmers Organization (NAFAS)
- **Malaysia Agriculture Machinery and Equipment Association (MAGMEA)**
- **Nepal** - Nepal Agricultural Machinery Entrepreneur's Association (NAMEA)
- **Russia** - Russian Association of Agricultural Machinery Manufacturers (Rosagromash Association)
- **Pakistan** - Pakistan Agricultural Machinery and Implements Manufacturers Association

- **Philippines** - Philippine Agricultural Machinery Manufacturers and Distributors Association
- **Sri Lanka** - Sri Lanka Agriculture Machinery Manufacturers and Suppliers Association
- **Thailand** - Thai Society of Agricultural Engineering
- **Thailand** - Thai Machinery Association
- **Thailand** - Agricultural Machinery Manufacturers Industry Club
- **Turkey** - Turkish Association of Agricultural Machinery & Equipment Manufacturers (TARMAKBIR)
- **Vietnam** - Vietnam Society of Agricultural Engineering (VSAGE)

Work Report of 2020

❖ ‘Good Practices in South-South and Triangular Cooperation for Sustainable Development’

- ReCAMA was cited by UN Office for S-S Cooperation as a good practice in the third volume of its global publication titled ‘Good Practices in South-South and Triangular Cooperation for Sustainable Development’ in Sep. 2020.

Good Practices in South-South and Triangular Cooperation for Sustainable Development - Volume 3



United Nations Office for South-South Cooperation



Private Sector Engagement in Sustainable Agricultural Mechanization for the Sustainable Development Goals

Fostering food security and rural development through private sector engagement in South-South cooperation

Challenge
Availability of land access to appropriate machinery and equipment for sustainable agricultural mechanization is one of the major challenges in Asia and the Pacific, where poverty predominantly affects people living in rural areas. With the exception of a few countries that have a well-developed industry for agricultural machinery manufacturing, many countries have limited capacity to manufacture such machinery and equipment, and often the predominant imports to meet their domestic needs. Limited domestic capacities and weak linkages among private sector players of the industry across countries in the region often lead to the use of outdated machines and technologies, which often unsuitable for local context and the needs of poor smallholder farmers in emerging countries. To address these challenges, there is need to strengthen capacities, enable knowledge exchange, and strengthen business and trade linkages among private sector agricultural machinery manufacturer and distributor associations. Such efforts would result in accelerating progress towards Sustainable Development Goal (SDG 1 (No poverty), SDG 2 (Zero hunger) and other SDGs in the region.

Towards a Solution
In 2014, the Regional Council of Agricultural Machinery Associations (ReCAMA) was established by the Centre for Sustainable Agricultural Mechanization (CSAM) of the United Nations Economic and Social Commission for Asia and the Pacific (ESCAP) in response to a request by the Member States and other stakeholders at the first regional forum on sustainable agricultural mechanization in Asia and the Pacific. At its core, ReCAMA represents a network of private sector agricultural machinery associations in the Asia-Pacific region including manufacturers, distributors and other relevant stakeholders. Its objective is to promote the use of sustainable agricultural mechanization in the region by: (i) strengthening the capacity of national agricultural machinery associations; (ii) facilitating the exchange of knowledge and good practices; and (iii) enhancing collaboration and business linkages among the associations and their members, including through the means of South-South and triangular cooperation.

ReCAMA is a participatory network and its activities are guided by member needs. Currently, it has 20 members from 14 countries, including Bangladesh, China, India, Indonesia, Malaysia, Mongolia, Nepal, Pakistan, the Philippines, Russian Federation, Sri Lanka, Thailand, Turkey and Viet Nam. It has contributed to scaling up the availability, adoption and sustainable use of agricultural machinery at the regional level through South-South cooperation, using a demand-driven model involving the private sector. It has supported SDG 1 (No poverty), SDG 2 (Zero hunger), SDG 11 (Sustainable consumption and production), SDG 13 (Climate action), SDG 15 (Life on land) and SDG 17 (Partnerships) to achieve the goal. The network has three core functions:

- To provide capacity building, know-how training and study tours for agricultural machinery manufacturers and distributors. There have been successful organized annually since 2015. They have enhanced national capacities on technologies aligned with SDGs 1, 2, 13 and 15, such as conservation agriculture, precision agriculture and climate smart mechanization. Participant feedback confirmed that the training had equipped them with knowledge to improve their work and that they further shared the acquired knowledge with peers and partners.
- To facilitate the creation of business linkages and knowledge exchange. CSAM facilitated the participation of ReCAMA partners in key agricultural machinery exhibitions in China, Nepal, Thailand and Turkey, in addition to the training and study tour and other ReCAMA events, which have provided exposure to a wide range of modern agricultural machinery and equipment suitable for

tailored for matching businesses were held to better link demand and supply among the associations, facilitate connections for potential trade and investment, and exchange of experience and knowledge. Moreover, as an innovative community of practice on sustainable agricultural mechanization in the region, an active online ReCAMA community WhatsApp group has been established with over 340 members, which supports a regular exchange of ideas, developments and technologies among participants.

- To develop knowledge products to support decision-making to enable a better understanding of national policy landscapes to guide business decisions and assist policymakers in identifying current gaps, knowledge products on trade and investment policies for agricultural machinery have been launched in the countries. These include a study on investment policies, which is now being extended to cover more countries. There is also a new study underway on the market dynamics of agricultural machines in selected countries.

Some key achievements of ReCAMA include:

- Private sector agricultural machinery associations from four countries (China, India, Nepal and Sri Lanka) have established cooperation arrangements with each other for the regular exchange of delegations or have set up other linkages for promoting sustainable agricultural mechanization.
- Following engagement in CSAM programmes and learning from the experience of other ReCAMA members, the Government of Cambodia is establishing the country's first national agricultural machinery association, which will enable the country to set up a platform to provide services for the agricultural machinery industry and smallholders.
- Through the ReCAMA network, CSAM has facilitated the donation of agricultural machinery by the private sector to women farmers and farmer cooperatives in China and Nepal in support of poverty alleviation and the demonstration of appropriate technologies in rural areas (SDG target 1.6).
- In a follow-up survey of ReCAMA activities conducted in August 2018, over 75 percent of respondents said that they had adopted a practice with a higher level of technology as a result of the ReCAMA initiative. Two specific examples of it are as follows:

Project 1: A project involved him to hire more agricultural engineers, which in turn improved the company's after sales services. He met new agricultural engine manufacturers and increased business with Indian suppliers. He also has ongoing business deals with other Chinese manufacturers of agricultural machinery.

Project 2: A ReCAMA partner from Bangladesh indicated that the project enabled him to introduce higher levels of training technology into the agricultural mechanization industry in Bangladesh.

ReCAMA is a member-driven network based on the principle of South-South cooperation that has provided increased opportunities for collaboration among network participants. It has benefited from significant in-kind contribution from partners and co-organizers to sustain its activities. It is also witnessing a significant number of self-funded participants, thus further promoting sustainability. Moreover, it represents a readily replicable model, particularly in regions or subregions with a nascent agricultural machinery industry. Furthermore, government initiative and policy support for catalysing the formation of associations, where needed and strengthening them, as well as active stakeholder engagement for expanding membership at the national and regional levels are key to achieving desired outcomes.

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PROJECT NAME: Private Sector Engagement in Sustainable Agricultural Mechanization for the Sustainable Development Goals
COUNTRIES/REGIONS: Bangladesh, China, India, Indonesia, Malaysia, Mongolia, Nepal, Pakistan, the Philippines, Russian Federation, Sri Lanka, Thailand, Turkey, Viet Nam
NOMINATED BY: United Nations Economic and Social Commission for Asia and the Pacific, ESCAP
SUSTAINABLE DEVELOPMENT GOAL TARGET(S): 1.A, 2.A, 2.4, 12.2, 12.3, 12.4, 13.1, 13.3, 15.1, 17.9
SUPPORTED BY: Private sector agricultural machinery manufacturer and distributor associations
IMPLEMENTING ENTITIES: Centre for Sustainable Agricultural Mechanization of ESCAP
PROJECT STATUS: Ongoing
PROJECT PERIOD: 2014-2024
URL OF THE PRACTICE: <https://sustainable.un.org>



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Work Report of 2020

❖ Research and Analytical Work

- Research Paper - Trade and Investment Policies on Mechanization of Agriculture – Case Studies of Bangladesh, Indonesia, Philippines, Pakistan and Turkey (*under final review*)
- Research Paper - Mechanization of Agriculture: Market Dynamics of Selected Member Countries of ReCAMA – China, India, Sri Lanka and Thailand (*under layout and design for publication*)
- Regional Directory of enterprise members (*under layout and design*)

Work Report of 2020

❖ Results from a follow-up survey of the ReCAMA Initiative (June/July 2020)

- Over **70%** of the respondents agreed that the ReCAMA Initiative was relevant.
- Over 70% of the respondents agreed that the ReCAMA Initiative was effective for promoting regional cooperation.
- **ReCAMA** has encouraged or facilitated business opportunities worth around **USD30 million** among members.
- **Suggestions:** Request for more knowledge and information sharing, study tours and regional cooperation opportunities.

Work Report of 2020

❖ Supporting development of member association

- As per the request of Agribusiness Machinery Association in Cambodia (AMAC), CSAM together with representatives of China Agricultural Machinery Distribution Association, India Agricultural Machinery Manufactures' Association, and Sri Lanka Agriculture Machinery Manufacturers and Suppliers Association organized a consultative session for AMAC to help them learn more about ReCAMA and benefit from other associations' experiences.



Work Report of 2020

❖ 6th Member Meeting of ReCAMA

- On 23 Nov., via MS Teams
- Over 30 participants of **15** associations from 13 countries
(Bangladesh, Cambodia, China, India, Indonesia, Malaysia, Nepal, Philippines, Russian Federation, Sri Lanka, Thailand, Turkey, and Vietnam)
- Elected new Chair and Vice Chair Associations
 - **Association of Indonesian Agriculture Machinery**
 - **Thai Society of Agricultural Engineering**
- Admission of one new association from Cambodia
 - **Agribusiness Machinery Association in Cambodia (AMAC)**

Work Plan for

2021 (subject to
budget availability and
Covid-19 situation)

- Research Papers in 2021 - Market status of agricultural machinery of selected countries (**2nd edition for new countries**)
- **6th** ReCAMA Training and Study Tour – in Oct. 2021 in China or virtually
- **7th** Member Meeting of ReCAMA – in 2021 in Indonesia or virtually
- (Virtual) Business Matching Events
- Directory for conservation agriculture machinery manufacturers
- New Association Engagement – ROK, Japan...

To-be-discussed

- Participating countries of the 2nd Research Paper on market status (Bangladesh, Nepal, Russian Federation...)
- Specific roles of the Chair and Vice-Chair Associations
- Frequency of the meetings
- Regional effort of the private sector to recover from the pandemic and build resilience
- Linking ReCAMA with Corporate Social Responsibility of members
- Others potential collaboration areas





Thank you for your
attention!

By Secretariat of ReCAMA

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the Pacific (ReCAMA)

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