



CSAM

Centre for Sustainable
Agricultural Mechanization



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Photo by SHI Lei, China

**About
ESCAP-CSAM**

Key Initiatives

Recent Results



About CSAM

- **Regional Institution of ESCAP** (the regional development arm of the United Nations in the Asia-Pacific, equivalent to ECA)
- Currently the **only UN entity dedicated to agricultural mechanization** in the Asia-Pacific
- Operationalized in China since 2003 – Among the first offices of **UN Secretariat** established in China with a regional dimension



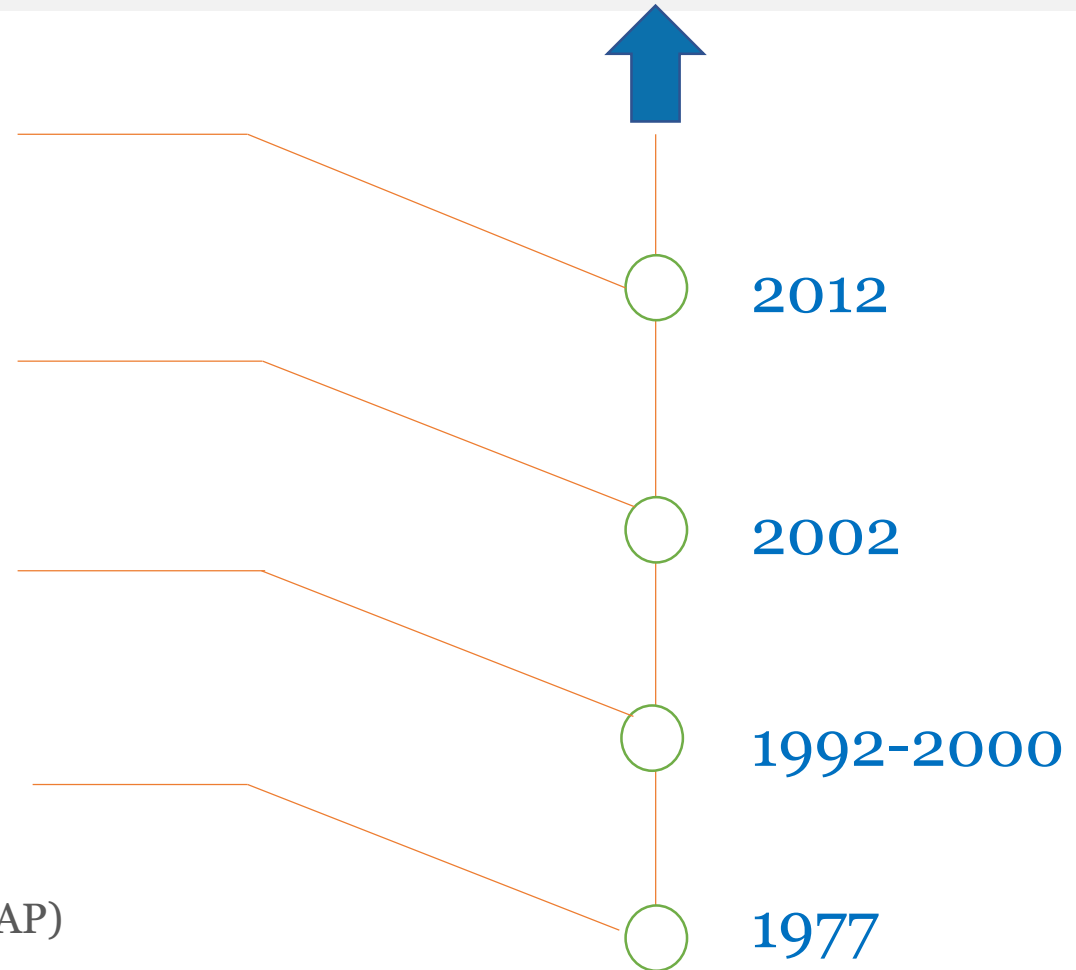
About CSAM - History

UNAPCAEM was superseded by CSAM

United Nations Asian and Pacific Centre for Agricultural Engineering and Machinery (UNAPCAEM) headquarters moved to Beijing

The network integrated into UN system, moving from the Philippines to Bangkok (ESCAP HQ)

The predecessor Regional Network of Agricultural Mechanization (RNAM) was established in the Philippines as evolution of the Asian Industrial Development Council of ECAFE (former name of ESCAP)





The United Nations System

UN PRINCIPAL ORGANS

GENERAL ASSEMBLY

SECURITY COUNCIL

ECONOMIC AND SOCIAL COUNCIL

SECRETARIAT

INTERNATIONAL COURT OF JUSTICE

TRUSTEESHIP COUNCIL⁶

Subsidiary Organs

- Disarmament Commission
- Human Rights Council
- International Law Commission
- Joint Inspection Unit (JIU)
- Main Committees
- Standing committees and ad hoc bodies

Funds and Programmes¹

- UNDP** United Nations Development Programme
- **UNCDF** United Nations Capital Development Fund
- **UNV** United Nations Volunteers
- UNEP**⁸ United Nations Environment Programme
- UNFPA** United Nations Population Fund
- UN-HABITAT**⁸ United Nations Human Settlements Programme
- UNICEF** United Nations Children's Fund
- WFP** World Food Programme (UN/FAO)

Subsidiary Organs

- Counter-Terrorism Committee
- International Residual Mechanism for Criminal Tribunals
- Military Staff Committee

Functional Commissions

- Crime Prevention and Criminal Justice
- Narcotic Drugs
- Population and Development
- Science and Technology for Development
- Social Development
- Statistics
- Status of Women
- United Nations Forum on Forests

Regional Commissions⁸

- ECA** Economic Commission for Africa
- ECE** Economic Commission for Europe
- ECLAC** Economic Commission for Latin America and the Caribbean
- ESCAP** Economic and Social Commission for Asia and the Pacific
- ESCAP** Economic and Social Commission for Asia and the Pacific
- ESCWA** Economic and Social Commission for Western Asia

Departments and Offices⁵

- EOSG** Executive Office of the Secretary General
- DCO** Development Coordination Office
- DESA** Department of Economic and Social Affairs
- DGACM** Department for General Assembly and Conference Management
- DGC** Department of Global Communications
- DNMSPC** Department of Management Strategy, Policy and Compliance
- DOS** Department of Operational Support
- DPO** Department of Peace Operations
- DPPA** Department of Political and Peacebuilding Affairs
- DSS** Department of Safety and Security
- OCHA** Office for the Coordination of Humanitarian Affairs

Other Bodies¹⁰

- Committee for Development Policy
- Committee of Experts on Public Administration
- Committee on Non-Governmental Organizations
- Permanent Forum on Indigenous Issues
- UNAIDS** Joint United Nations Programme on HIV/AIDS
- UNGENG** United Nations Group of Experts on Geographical Names
- UNGGIM** Committee of Experts on Global Geospatial Information Management
- UNICRI** United Nations Interregional Crime and Justice Research Institute
- UNRISD** United Nations Research Institute for Social Development
- UNDRR** United Nations Office for Disaster Risk Reduction
- UNODC**⁹ United Nations Office on Drugs and Crime
- UNOG** United Nations Office at Geneva
- UN-OHRLS** Office of the High Representative for the Least Developed Countries, Landlocked Developing Countries and Small Island Developing States
- UNON** United Nations Office at Nairobi
- UNOV**² United Nations Office for Partnerships
- UNOV** United Nations Office at Vienna

Research and Training

- UNIDIR** United Nations Institute for Disarmament Research
- UNITAR** United Nations Institute for Training and Research
- UNSSC** United Nations System Staff College
- UNU** United Nations University

Other Entities

- ITC** International Trade Centre (UN/WTO)
- UNCTAD**^{3,8} United Nations Conference on Trade and Development
- UNHCR**¹ Office of the United Nations High Commissioner for Refugees
- UNOPS**³ United Nations Office for Project Services
- UNRWA**¹ United Nations Relief and Works Agency for Palestine Refugees in the Near East
- UN-WOMEN**¹ United Nations Entity for Gender Equality and the Empowerment of Women

Related Organizations

- CTBTO** Preparatory Commission Preparatory Commission for the Comprehensive Nuclear-Test-Ban Treaty Organization
- IAEA**^{1,3} International Atomic Energy Agency
- ICC** International Criminal Court
- IOM**¹ International Organization for Migration
- ISA** International Seabed Authority
- ITLOS** International Tribunal for the Law of the Sea
- OPCW**³ Organization for the Prohibition of Chemical Weapons
- WTO**^{1,4} World Trade Organization

Peacebuilding Commission

HLPF High-level Political Forum on Sustainable Development

Specialized Agencies^{1,5}

- FAO** Food and Agriculture Organization of the United Nations
- ICAO** International Civil Aviation Organization
- IFAD** International Fund for Agricultural Development
- ILO** International Labour Organization
- IMF** International Monetary Fund
- IMO** International Maritime Organization
- ITU** International Telecommunication Union
- UNESCO** United Nations Educational, Scientific and Cultural Organization
- UNIDO** United Nations Industrial Development Organization
- UNWTO** World Tourism Organization
- UPU** Universal Postal Union
- WHO** World Health Organization
- WIPO** World Intellectual Property Organization
- WMO** World Meteorological Organization
- WORLD BANK GROUP**⁷
 - **IBRD** International Bank for Reconstruction and Development
 - **IDA** International Development Association
 - **IFC** International Finance Corporation

Notes:

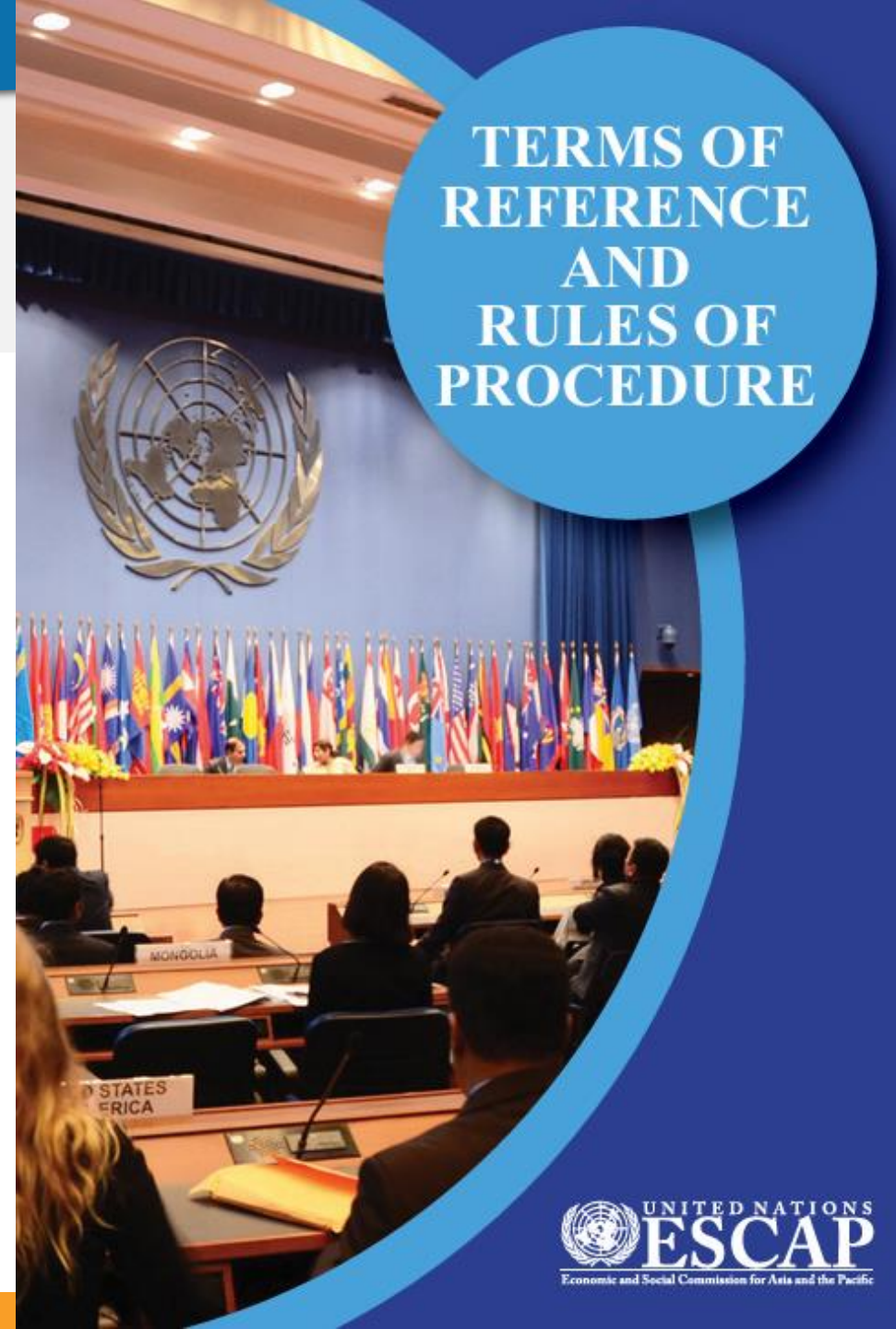
- Members of the United Nations System Chief Executives Board for Coordination (CEB).
- UN Office for Partnerships (UNOP) is the UN's focal point vis-a-vis the United Nations Foundation, Inc.
- IAEA and OPCW report to the Security Council and the General Assembly (GA).
- WTO has no reporting obligation to the GA, but contributes on an ad hoc basis to GA and Economic and Social Council (ECOSOC) work on, inter alia, finance and development issues.
- Specialized agencies are autonomous organizations whose work is coordinated through ECOSOC (intergovernmental level) and CEB (inter-secretariat level).
- The Trusteeship Council suspended operation on 1 November 1994, as on 1 October 1994 Palau, the last United Nations Trust Territory, became independent.
- International Centre for Settlement of Investment Disputes (ICSID) and Multilateral Investment Guarantee Agency (MIGA) are not specialized agencies in accordance with Articles 57 and 63 of the Charter, but are part of the World Bank Group.
- The secretariats of these organs are part of the UN Secretariat.
- The Secretariat also includes the following offices: The Ethics Office, United Nations Ombudsman and Mediation Services, and the Office of Administration of Justice.
- For a complete list of ECOSOC Subsidiary Bodies see un.org/ecosoc.

This Chart is a reflection of the functional organization of the United Nations System and for informational purposes only. It does not include all offices or entities of the United Nations System.

CSAM Statute

- **E/ESCAP/RES/72/2** updated previous resolutions on APCAEM and CSAM
- **9 Governing Council members** (host country and 8 elected every three years by the ESCAP members)
- All ESCAP members are encouraged to make a regular **annual contribution on a voluntary basis** to the joint contribution trust fund for the operations of the Centre, administered by the United Nations in accordance with its financial rules & regulations
- Maintain also separate trust funds for voluntary contributions for **technical cooperation projects** or other extraordinary voluntary contributions for activities of the Centre
- The Centre will endeavour to **mobilize sufficient resources** to support its activities shall strive towards a **funding structure that is primarily dependent on extrabudgetary resources**

TERMS OF
REFERENCE
AND
RULES OF
PROCEDURE



CSAM Recognition at FAO Global Conference on Sustainable Agricultural Mechanization

Encourage the development and harmonization of standards, test protocols, certifications and data for agricultural machinery, to facilitate the trade of safe and well-performing machinery. Facilitate the development and establishment of sub-regional and regional protocols for testing and certification of agricultural machinery, including gender-inclusive design.



Call for Action of the Conference

About CSAM

- **Mandate:** To promote knowledge exchange, research and development, technology transfer and agro-business development for sustainable agricultural mechanization
- Regional Hub for **South-to-South and Triangular Cooperation** directly serving 62 ESCAP member States and associate members
- **Focus on Sustainable Development Goals** (SDG) 2 (Zero Hunger), SDG 1 (no poverty), SDG 13 (Climate Action), SDG 17 (Partnerships for the Goals).

CSAM's vision is to achieve production gains, improved rural livelihood and poverty alleviation through sustainable agricultural mechanization for a more resilient, inclusive and sustainable Asia and the Pacific



CSAM's Key Functions to enable Sustainable Agricultural Mechanization



Regional Cooperation



Capacity Building



Research and Advisory



Communication and Outreach



Partnership Building



South-South and Triangular Cooperation underlies all of CSAM's work



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CSAM's Main Initiatives for Sustainable Agricultural Mechanization



Regional Forum on Sustainable Agricultural Mechanization



Asian and Pacific Network for Testing of Agricultural Machinery (ANTAM)



Regional Council of Agricultural Machinery Associations (ReCAMA)



Building resilience of smallholder farmers through South-South Cooperation



Integrated management of straw residue



Research, data, publications, policy advisory services



Training and institutional capacity building



Engagement of youth



Poverty Alleviation

Regional Forum on Sustainable Agricultural Mechanization

Enabling policy dialogue, advocacy & cooperation amongst diverse stakeholders





Asian and Pacific Network for Testing of Agricultural Machinery (ANTAM)

Promoting harmonization & mutual recognition of testing standards for safe, efficient and eco-friendly machinery, and for the development of an unimpeded and integrated market for agricultural machinery

Regional Council of Agricultural Machinery Associations (ReCAMA)

Strengthening private sector engagement in sustainable agricultural mechanization





Training and institutional capacity building

Enhancing skills and capacities at technical, programme and policy levels



CHINA PAVILION

AT THE UN CLIMATE CHANGE CONFERENCE
联合国



**Building resilience of smallholder farmers
through South-South Cooperation**

*Establishing partnerships for gender sensitive, resilient
and sustainable solutions*

Integrated management of straw residue

Establishing pilot projects to check burning of straw residue





Research, data, publications,
policy advisory services



Engagement of youth

Encouraging participation of youth in innovation for sustainable agricultural mechanization

Gender Mainstreaming

Case studies and other dedicated publications, workshops for UN staff on agri-related programmes



Poverty Alleviation

CSAM's Initiatives in China's poverty alleviation

Machinery donations and Training-Study Tour to China International Agricultural Machinery Exhibition (CIAME) 2018



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Some Recent Results of CSAM's Work

1. Quick response to **global UN initiatives** with focus on role of sustainable agricultural mechanization (Food Systems Summit and COP26)
2. Strengthened capacities and response of member States to use mechanization to cope with impacts of **COVID-19** on agriculture via a platform for shared learning
3. Cambodia established **first national agricultural machinery association** following close engagement in CSAM's programmes in recent years
4. Expanded **business opportunities worth approx. US\$29 million** generated by CSAM's 'Regional Council of Agricultural Machinery Associations in Asia and the Pacific' (ReCAMA) initiative

Some Recent Results of CSAM's Work

5. Achieved in-principle adoption by participating member States of **harmonized regional standards for testing** of five types of agricultural machinery
6. Pilot projects on **integrated management of straw residue** have successfully demonstrated reduced CO₂ emissions, increased farmers' income, enhanced value of milk production
7. Three CSAM initiatives (ANTAM, ReCAMA, Integrated Straw Management) cited as **Good Practices/Cases** by UN Office for SSC
8. ANTAM Codes **adopted** as national codes by Sri Lanka through MOA, other countries referencing them

Some Recent Successes with UNCT

1. **First FSS Policy Dialogue**, on ‘China’s Experience in Strengthening Food Systems amid the Response to COVID-19’ with FAO, IFAD, UNEP, UNESCO, UNICEF, UN Women, WFP, RCO.
2. **UNCT Staff Training/Workshop** on “Enabling Gender Responsive Food Security Programming: Focus on Sustainable Agricultural Mechanization”.
3. **Collaboration with RBA country offices** on Conservation Agriculture, Arid and Semi-Arid Areas; Reducing Food Loss and Waste; Efficient Application of Agrochemicals; etc.



Thank you!

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