

## **Training Course on Mechanization of Agricultural Product Processing and Post-harvest Loss Reduction for Belt and Road Countries**

**Código de Beca:** 6192

**Nombre:** Training Course on Mechanization of Agricultural Product Processing and Post-harvest Loss Reduction for Belt and Road Countries

**Descripción:** **About the Organizer**

Chinese Academy of Agricultural Mechanization Sciences Group Co., Ltd.(CAAMS) was founded in 1956, and is one of the first group of national innovation-oriented hi-tech enterprises. CAAMS is committed to provide agriculture with advanced technology and equipment. CAAMS is a well-known origin of agricultural engineering technologies in China, and has provided the technologies of more than 3,000 kinds of agricultural & food machinery in 9 categories to our country. CAAMS is a nation-wide center for technical research, strategic planning, product marketing and international cooperation. CAAMS has provided more than 3,000 kinds of agricultural & food machinery in 9 categories to our country (85% of the whole trade), while making great contribution to the national agricultural modernization.

Chinese Academy of Agricultural Machinery has successively undertaken 20 sessions of the topic of the use and maintenance of agricultural machinery. This topic was awarded the first batch of classic training projects by the Ministry of Commerce in 2020, and the training effect has been highly recognized by the majority of students. The training content covers a wide range of fields and is rich in topics. The courses taught are comprehensive, practical, professional, practical and interesting, and have won unanimous praise from the recipient countries. Through continuous technological innovation and implementation of domestic and foreign agricultural engineering projects, as well as industry research and cooperation, the Chinese Academy of Agricultural Machinery has mastered the use and maintenance of agricultural machinery suitable for different conditions and regions, which can be used as an agricultural development experience with both applicability and effectiveness. The vast number of developing countries refer to and promote the technological progress of agricultural mechanization in the vast number of developing countries, and contribute to the coordinated and sustainable development of the society and economy of the recipient countries.

**Fuente principal:** China

**Fuente secundaria:** -

**Tipo de beca:** Total

**Fecha de vencimiento:** 01/07/2025

**Requisitos:**

**Requirements for the Participants**

**Target Objective**

Funcionarios Públicos y Docentes

**Nationality**

Uruguayan (excluyente)

**Age**

Under 45 for officials at or under director's level;

under 50 for officials at director general's level.

**Health**

In good health with health certificate issued by the local public hospitals; without diseases with which entry to China is disallowed by China's laws and regulations; without severe chronic diseases such as serious high blood pressure, cardiovascular/cerebrovascular diseases and diabetes; without metal diseases or epidemic diseases that are likely to cause serious threat to public health; not in the process of recovering after a major operation or in the process of acute diseases; not seriously disabled or pregnant.

**Language**

Capable of listening, speaking, reading and writing in English during the training

**others**

Family members or friends shall not follow

**Beneficios:**

- a) Pasaje internacional de ida y vuelta
- b) Gastos de alojamiento y alimento no incluye bebidas alcohólicas;
- c) Gastos de transporte local derivados de las actividades organizadas por parte china durante su estadía en China;
- d) Gastos menudos por día para cada participante

**Lugar de postulación y documentación a presentar:**

**DOCUMENTACIÓN A PRESENTAR:**

IMPORTANTE: La documentación debe ser enviada en formato digital (PDF) y de manera escaneada, numerada y en su totalidad en un único correo. No se admitirá otro tipo de archivo.

- 1) Formulario de inscripción de China con foto (foto a color, estilo formal con fondo blanco)
- 2) Fotocopia de pasaporte Uruguayo (excluyente, con vencimiento como mínimo de 6 meses posterior a la fecha de finalización del curso)
- 3) Fotocopia de Carnet de Salud
- 4) Currículum Vitae, máximo 5 hojas (No documentado)
- 5) Cédula de identidad
- 6) Fotocopia del título (si corresponde)
- 7) Fotocopia de certificado de conocimiento de idioma inglés
- 8) Formulario de becas de AUCI (Adjunto)

9) Carta aval del organismo donde presta funciones, dirigido al Director de AUCI

10) Decreto 234/86 firmado (Adjunto)

11) Firma de la declaración (Adjunto)

Se deberá enviar toda la documentación con las firmas correspondientes por mail a [becas@auci.gub.uy](mailto:becas@auci.gub.uy)

De ser necesario se podrá solicitar la documentación física en Torre Ejecutiva, Plaza Independencia 710 piso 7 oficina 703

La fecha límite es hasta el mismo día hasta las 15hs (EXCLUYENTE)

**Contacto en caso de dudas:**

[becas@auci.gub.uy](mailto:becas@auci.gub.uy)

Tel 150 int 3402 o 3403

**Observaciones:**

**Los postulantes deberán previamente registrarse en nuestro portal: [https://portaldebecas.auci.gub.uy/auci\\_prod/servlet/com.portal.loginportal](https://portaldebecas.auci.gub.uy/auci_prod/servlet/com.portal.loginportal) NO SE ACEPTARÁN FORMULARIOS HECHOS A MANO**

**La documentación deberá de ser enviada en archivos adjuntos, numerada e indicando el nombre de cada uno de los documentos solicitados en la convocatoria.**

**Los adjudicados deberán realizar el trámite de obtención del visado ante la Embajada de China en Montevideo, dentro de los cinco días hábiles posteriores a la notificación. No hay trámite urgente.**

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**Remarks**

1. Please prepare discussion materials related to the Seminar theme in advance, including but not limited to: Country overview, cultural characteristics, development status in field of the theme, development challenges, and future cooperation opportunities.
2. Please bring formal wear, national costumes, or uniforms for formal events during Seminar.
3. Please bring a few of common medicines.
4. Computers will not be available. Please bring yourself if necessary.
5. Please check the permitted luggage allowances for your international and Chinese flights.
6. Confirm whether luggage needs to be rechecked during connecting flights.
7. Personal modifications to arrival/departure flight tickets are generally not permitted. If required, please contact the Economic and Commercial Office of the Chinese Embassy in your country to process the modification following official procedures.

8. If unable to depart on schedule due to special reasons or experiencing flight delays during transfers, please immediately contact the Chinese Embassy or organizer to provide updated flight details for pickup arrangements.
9. After collecting luggage upon arrival, proceed to the international/domestic arrival exit and wait patiently. Organizer will arrange pickup service with a pickup sign marked "CAAMS". If waiting exceeds 15 minutes, please contact the organizer.
10. If you fail to get your checked luggage, do not wait there for long time. Please contact the organizer to confirm the luggage delivery address.
11. Please download and register the WeChat software in advance.

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## Ofrecimiento Nº 6192.1

**Nombre ofrecimiento:** Training Course on Mechanization of Agricultural Product Processing and Post-harvest Loss Reduction for Belt and Road Countries

**Información específica:** Training content

### 1. Brief Introduction to the Training:

This training adopts a combination of lectures, communications and exchanges, visits and inspections and professional practice to share development results and experience in the field with the participants. The main courses are:

- 1) Summary of China's National Conditions: Introduce the basic situation of China's political philosophy, social history, traditional culture, etc., the background, development concept and significance of the construction of the "Belt and Road Initiative", etc.
- 2) Overview of Chinese Agriculture and Related Policies: Introduce the overview of Chinese agriculture and the policy support and system construction behind it.
- 3) Construction of Quality and Safety Standards for Agricultural Products and Food-introduces the construction of safety standardization system in China's agricultural products processing and food engineering industries, explaining the role of standards in guiding production, promoting trade, and safeguarding.
- 4) Agro-product Processing Equipment and Processes: participants will understand the characteristics and scope of application of various agricultural product processing equipment and processes, providing a basis for enterprise selection and process improvement.
- 5) Fruit and Vegetable Product Quality Management and Safety Inspection Technology-introduces fruit and vegetable products and products in the deep processing process of quality management system construction and quality and safety inspection technology of the main features and key points.
- 6) Agricultural Products Quality and Safety Testing Instruments and Equipment-introduces the basic composition of agricultural products quality and safety

testing laboratory, the main instruments and equipment function and application characteristics, laboratory testing and inspection of the basic specification requirements and precautions.

7) Quality Management in the Process of Storage and Transportation of Food Crops-introduces the storage technology and transportation requirements of major food crops, as well as the main key points that need to be paid attention to in the process of quality supervision and control in the process of storage and transportation, including the process technology of storage and transportation of agricultural products.

8) Food Packaging and Technology-introduces the characteristics and applications of seven types of packaging technologies, including moisture-proof, vacuum, inflation, shrinkage, modified atmosphere, canned and sterile packaging, as well as the development trends of fruit packaging technology.

9) Application of New Technologies for Drying and Storage of Agricultural Products: Introduce the principles of drying and processing technology for agricultural products, drying equipment and process flow, application of drying and drying technology, as well as storage technologies such as low-temperature storage, microbial preservation, and ultraviolet radiation.

10) Status Quo of E-commerce Development and Experience Sharing of China's Agro-Products-introduces the status quo of e-commerce development of China's agricultural products; opportunities brought by e-commerce for the development of China's agricultural industrialization under the guarantee and promotion of quality and safety inspection and testing technology, the future development direction and experience sharing.

11) International Cooperation on Agricultural Products-introduces the international background and trend of quality and safety management of agricultural products, simulating the establishment of an international cooperation and exchange platform, including the exchange mechanism of the information-sharing platform, quality and safety management methods, formulating a cooperation program, and signing a cooperation agreement.

12) Introduction to Policies and Regulations related to the Import of Agro-Products in China-introduces policies and regulations related to the import of major agricultural products, fruit and vegetable products and cash crops in China, especially the inspection and quarantine requirements and quality requirements of imported agricultural products..

## **2. Brief Introduction to the Planned Visit Activities (visiting city may be changed according to the practical arrangement):**

This project will combine the training content of each stage of the course to arrange for participants to visit the National Engineering Laboratory of CAAMS, the National Agricultural Machinery Quality Supervision and Inspection Center,

the National Food Machinery Quality Supervision and Inspection Center, and the relevant laboratories of China Agricultural University and the Chinese Academy of Agricultural Sciences etc. And travelling outside Beijing will be arranged to visit Zhengzhou University of Technology, Henan Dongfang Group, Zhengzhou International hub, Tianxiang Dairy, Xizhilang Group and other enterprises to visit, discuss and study, combining theory with practice to guide the trainees to improve their professional technical level, to help students further understand the current situation and future development trend in the field.

### **3. Overall Introduction of the Professor:**

A total of 9 professors are invited to this project. Most of them are experts and scholars who have been deeply cultivated in the agricultural mechanization field for many years. All of them have senior professional titles and above, and have rich experience in teaching and scientific research.

1) Mr. Ma Teng, senior engineer of CAAMS, has long been engaged in project implementation and management in the field of agricultural engineering, international training and trade.

2) Mr. Song Xiaomin, senior engineer of CAAMS, has long been engaged in the implementation and management of projects in the field of animal husbandry machinery, international training and trade.

3) Mr. Xu Zhenxing, Chief engineer of the Agricultural Mechanization Technology Development and Promotion Station of the Ministry of Agriculture and Rural Affairs, has been engaged in the construction of agricultural machinery system for a long time.

4) Ms. Zhao Minjuan: Professor of Northwest A&F University, research and teaching on sustainable agricultural development for a long time

5) Mr. Liu Xiangdong, Professor of China Agricultural University, has been engaged in agricultural drying technology and theory, agricultural processing technology and equipment, agricultural equipment design research for a long time.

6) Ms. Qi Xiaozhe, a senior engineer from Standards and Quality Center of the State Administration of Grain and Material Reserves, who has long been engaged in the management and promotion of the standardization of agricultural product processing.

7) Mr. Gao Shengpu, a Researcher from the Slaughtering Technology Center of the Ministry of Agriculture and Rural Affairs, has long been engaged in work related to the construction of agricultural product processing standard system.

8) Ms. Liu Jie, Professor of Henan University of Technology, long engaged in research and promotion work related to quality management of agricultural product processing

9) Mr. Li Xiande, a researcher from CAAS, is engaged in research on agricultural

economy and

10)Ms. Liu Yanhong, Professor of China Agricultural University, has been teaching and researching in the field of fruit and vegetable processing for a long time.

11)Mr. Wu Xiaomeng, Associate Professor of China Agricultural University, has been teaching in the field of agricultural product processing for a long time.

12)Mr. Gu Zheng, Associate Professor of China Agricultural University, teaching in the field of agricultural product distribution and e-commerce.

<b>Tipo de curso:</b>	CURSO CORTO
<b>Modalidad de curso:</b>	Presencial
<b>País:</b>	China
<b>Ciudad:</b>	Beijing
<b>Idiomas:</b>	inglés
<b>Fecha de inicio:</b>	12/08/2025
<b>Fecha de fin:</b>	01/09/2025
<b>Fecha límite de inscripción:</b>	01/07/2025
<b>Duración aprox.:</b>	-
<b>Disciplinas:</b>	Ciencias agrarias (veterinaria y agronomía) Desarrollo agrario y agricultura familiar Economía y política agraria Gestión de riesgo agropecuario Biotecnologías y Nanotecnologías Ciencias biológicas Desarrollo científico y transferencia de tecnología Capacitación técnica y formación profesional Cooperación Internacional Ingenierías (todas) Innovación Tecnología
<b>Observaciones:</b>	-