

## Cross-Cutting Themes such as

Poverty Reduction

Public-Private Partnerships

Private Sector Development

Gender

Information Technology

Training and Extension

Occupational Health and Safety

are an integral part of the work of the Centre.

APCAEM started operations in 2004. The Centre's mission is to assist member countries in achieving their Millennium Development Goals (MDGs), in particular to make a contribution to food security, rural poverty reduction, environmental sustainability, and developing global partnerships. This is achieved through capacity building, policy analysis, information networking, technology development and transfer, with emphasis on agricultural engineering and food technology, small- and medium scale agro-enterprises, in a regional and global context. The Centre's work relates not only to the development, adoption and transfer of technology, but also aims to put the right policies and mechanisms in place to ensure that technologies are adopted effectively and efficiently in a sustainable and socially acceptable manner.



For more information, please contact:

APCAEM  
A 7/F, China International Science  
and Technology Convention Centre  
No. 12 Yumin Road, Chaoyang District  
Beijing 100029, P.R. China  
Tel: (86-10) 82253581  
Fax: (86-10) 82253584  
E-mail: [info@unapcaem.org](mailto:info@unapcaem.org)

Designed by Bryan Joseph Grava dos Sabrozo, UNESCAP Publications Office

Asian and Pacific Centre for  
Agricultural Engineering and Machinery



# APCAEM



food chain  
management



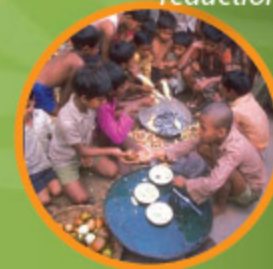
increase in  
labour productivity



environmental  
concerns



agro-enterprise  
development



poverty  
reduction





### **Agricultural Engineering**

is crucial to capture the full potential offered by seed and fertilizer technology, to reduce farming risks and food losses, to apply environmentally sound farm management practices, to make better use of scarce water resources and to reduce pesticide application and use of fossil energy. The Centre deals with human-, draft animal, and mechanical power, tools and equipment, minimum standards for agricultural equipment and machinery,



and technology for environmentally sound agricultural production systems. The Centre contributes to the Kyoto Protocol by capacity building for the application of the Clean Development Mechanism (CDM) to agriculture, such as for biogas, Conservation Agriculture, and emission control of diesel engines used in the agriculture sector.

### **Food Chain Management**

covers aspects related to storage, processing, marketing and distribution. Food processing and marketing are becoming increasingly complex and have to comply with regional and global standards. The Centre's focus is on the post-harvest aspects of fresh produce for domestic and export markets to meet minimum standards for food safety, increase quality, and extend the shelf-life of fresh produce.



## **What is APCAEM?**

*Located in Beijing, APCAEM is a regional subsidiary body of the United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP). Its mission is to assist member countries in achieving their Millennium Development Goals (MDGs), in particular by making a contribution to food security, rural poverty reduction, environmental sustainability, and developing global partnerships. Being recently established, the Centre focuses on: Agricultural Engineering, Food Chain Management, and Agro-enterprise Development.*

### **Asian and Pacific Centre for Agricultural Engineering and Machinery**

## **APCAEM**



### **Agro-enterprise Development**

has been a key factor for increase of agricultural production and income, and decrease of rural poverty. Forging regional alliances for cooperation in agribusiness is essential to remain competitive in regional and global markets and to achieve internationally agreed development goals. Technical Assistance is provided to rural small and medium size enterprises for agricultural machinery and other rural agro-enterprises to capture opportunities offered by globalization.



### **Policy Analysis and**

**Strategy Development** are included in the Centre's work programme. Agriculture and food sciences are well developed and tools, machinery, equipment and processes are available for a variety of tasks from many sources around the globe. Transfer of these technologies to developing economies often fails because of an adverse policy environment, and because of lack of understanding of the many facets involved to make the technique or machine technically, socially and economically acceptable for prevailing local conditions.

