

राष्ट्रीय उत्पादकता परिषद्

(वाणिज्य एवं उद्योग मंत्रालय, भारत सरकार के अन्तर्गत)

उत्पादकता भवन, 5-6, इंस्टीट्यूशनल एरिया,
लोदी रोड, नई दिल्ली -110 003



National Productivity Council

NATIONAL PRODUCTIVITY COUNCIL

(Under Ministry of Commerce & Industry, Govt. of India)

Utpadakta Bhavan, 5-6, Institutional Area,
Lodi Road, New Delhi - 110 003

No. 31526/21

Dt. 04-10-2021

Sub: 21-CP-06-GE-WSP-A: Workshop on Modern Mechanization Technologies for Increasing Rice Productivity from 24- 26 November 2021, Digital Multicountry (DMC). (Visit www.npcindia.gov.in/NPC/User/InternationalServices for detailed Project Notification)

Dear Sir,

We invite your kind attention to NPC www.npcindia.gov.in/NPC/User/InternationalServices with regard to above Asian Productivity Organization (APO) project. The project notification and the APO bio data form are available on the above mentioned page and the same are also attached herewith. The duly filled in **single copy** of Performa enclosed (in excel form only) of the suitable officers for participation as per the para (**Qualifications for Participants**) of the project notification may kindly be forwarded to reach us latest by **5th November 2021**. In this regard, the following points may be noted.

- **Fees and Charges** An Application fees (NON-REFUNDABLE) of Rs. 500 for MSME Sector, Trade Unions and NGO's and Rs. 1000/- for others is payable along with the nomination form, for each participant.

The requisite amount can be paid through a demand draft/cheque/ECS drawn in favour of National Productivity Council, New Delhi. In the regard, the bank account of NPC details is attached herewith. Kindly e-mail the details of the ECS/RTGS/NEFT payment made, **mentioning the name of applicant in remarks** to mayank.verma@npcindia.gov.in, isg@npcindia.gov.in, rk.rawat@npcindia.gov.in Please note in the absence of application fee, the nomination will not be considered.

- **Nomination Procedure** all nominations should be routed through proper channel and as per the attached APO bio data form. The nominations received after the last date will not be considered. It is the responsibility of the candidates to complete all the official formalities required by their organizations/department for participating in the program. It is requested to send nominations by e-mail to mayank.verma@npcindia.gov.in, isg@npcindia.gov.in, rk.rawat@npcindia.gov.in (application in prescribed excel format) and one hard copy by post along with the covering letter of the competent authority on company's letter head. All information pertaining to nominations will be treated as confidential and classified. The nominated officers may be invited as a faculty in programs on the relevant subjects organized by NPC.

We look forward to receiving of nominations from your esteemed organization.

Thanking you,

Yours faithfully,

(K.D. Bhardwaj)
Director & Head (Int'l Serv.)
for Director General
e-mail: isg@npcindia.gov.in



PROJECT NOTIFICATION

Ref. No.: 21-CP-06-GE-WSP-A-PN2100084-001

Date of Issue	01 October 2021
Project Code	21-CP-06-GE-WSP-A
Title	Workshop on Modern Mechanization Technologies for Increasing Rice Productivity
Timing and Duration	24–26 November 2021 (three days)
Hosting Country(ies)	Thailand
Modality	Digital Multicountry
Implementing Organization(s)	Thailand Productivity Institute and APO Secretariat
Participating Country(ies)	All Member Countries
Overseas Participants	38
Local Participants	12
Qualifications of Participants	Government officials, policymakers, executives of farmers'/agribusiness associations, academics, and consultants involved in rice production and mechanization
Nomination of Participants	All nominations must be submitted through National Productivity Organizations of member countries
Closing Date for Nominations	5 November 2021

1. Objectives

- a. Share the latest, innovative mechanization methods in rice production.
- b. Learn good practices from case studies.
- c. Discuss strategies and actions for promoting mechanization of rice cultivation in member countries.

2. Background

Rice is consumed by over 50% of the world's population and is the staple food in the Asia-Pacific, where 94% of the world's rice was produced in 2018 (FAOSTAT). To feed the growing population, rice productivity must be continuously improved. Mechanization is essential to enhancing agricultural productivity by saving labor, optimizing inputs, maximizing outputs, and expanding operational size. Mechanization also contributes to environmental sustainability by supporting the efficient use of natural resources such as water and land. Moreover, mechanization contributes to the quality of life of people involved in rice farming by providing safety, ease, and comfort in work including for women and the elderly.

The level of mechanization in rice varies by country. Advanced countries such as the Republic of China, Japan, and the Republic of Korea have successfully adopted mechanization in the last decades and continue embracing innovations including digital technologies. Their aim is not only to reduce costs but to manage labor shortages and aging population issues. In other countries in the Asia-Pacific, rice mechanization needs to be promoted, including the adoption of basic equipment such as tractors, transplanters, and harvesters. The lower machinery utilization rates are primarily due to financial constraints, but other factors are involved such as the environment (i.e., soil and weather) and operational size (Japanese Society of Agricultural Machinery and Food Engineers, 2015).

Efforts have been made by the farm machinery industry to address those constraints and needs. Governments, institutes, and communities also play important roles in supporting mechanization, particularly for smallholder farmers who are not financially able to purchase equipment. Recent progress in digitalization offers innovative solutions such as connecting farm service providers to small farmers via apps.

This workshop will discuss recent developments in machinery, policies, and business models to increase the productivity of rice farming through mechanization and promote its greater utilization in the region.

3. Scope, Methodology, and Certificate of Attendance

The duration of each day's sessions will be around three hours comprising presentations by experts, group discussions, and other relevant learning methods. The indicative topics of the presentations are:

Day 1:

- Overview of rice mechanization
- Case study

Day 2:

- Modern rice farming equipment for developing countries
- Case study

Day 3:

- Policies and initiatives to promote mechanization
- Group discussions on how to promote rice mechanization in APO member countries

The detailed program and list of speakers will be provided two weeks prior to the sessions with announcement of the names of the selected participants.

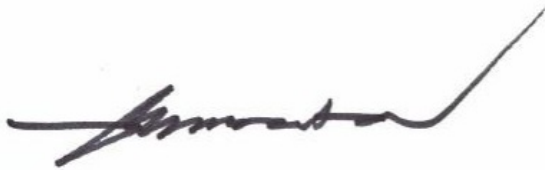
The participants are required to attend all sessions. This full participation is a prerequisite for receiving the APO certificate of attendance.

4. Financial Arrangements

- a. The APO will meet the assignment costs of overseas resource persons and honorarium for up to two local resource persons.
- b. The host country will meet the costs for a virtual site visit(s), either broadcast live or recorded as applicable.

5. Implementation Procedures

Please refer to the implementation procedures for APO digital multicountry projects circulated with this document.

A handwritten signature in black ink, appearing to read 'Dr. AKP Mochtan', with a long, sweeping flourish extending upwards and to the right.

Dr. AKP Mochtan
Secretary-General