

# 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. 31510/21

Dt. 18-06-2021

Sub: 21-CP-37-GE-WSP-A: Workshop on Smart Transformation for Various Economic Sectors from 21-23 July 2021 (three days), Online Workshop (DMC). (Visit <https://www.npcindia.gov.in/NPC/User/InternationalServices> for detailed Project Notification).

Dear Sir,

We invite your kind attention to NPC <https://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 **12<sup>th</sup> July 2021**. In this regard, the following points may be noted.

- **Fees and Charges**

The Participation 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](mailto:mayank.verma@npcindia.gov.in), [isg@npcindia.gov.in](mailto:isg@npcindia.gov.in), [rk.rawat@npcindia.gov.in](mailto: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](mailto:mayank.verma@npcindia.gov.in), [isg@npcindia.gov.in](mailto:isg@npcindia.gov.in), [rk.rawat@npcindia.gov.in](mailto: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 subject/s, 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](mailto:isg@npcindia.gov.in)



## PROJECT NOTIFICATION

Ref. No.: 21-CP-37-GE-WSP-A-PN2100035-001

<b>Date of Issue</b>	18 June 2021
<b>Project Code</b>	21-CP-37-GE-WSP-A
<b>Title</b>	Workshop on Smart Transformation for Various Economic Sectors
<b>Timing and Duration</b>	21–23 July 2021 (three days)
<b>Hosting Country(ies)</b>	Republic of China
<b>Modality</b>	Digital Multicountry
<b>Implementing Organization(s)</b>	China Productivity Center and APO Secretariat
<b>Participating Country(ies)</b>	All Member Countries
<b>Overseas Participants</b>	19
<b>Local Participants</b>	12
<b>Qualifications of Participants</b>	Policymakers, government officials, and representatives of government organizations and enterprises, especially SMEs and startups, working on improving productivity and fostering innovation through digital transformation
<b>Nomination of Participants</b>	All nominations must be submitted through National Productivity Organizations of member countries
<b>Closing Date for Nominations</b>	12 July 2021

## 1. Objectives

- a. Introduce effective methods used by governments, business associations, and enterprises in implementing smart transformation initiatives.
- b. Familiarize participants with the tools and techniques deployed for organizational digital transformation.
- c. Acquaint participants with innovation-led productivity improvement initiatives involving Industry 4.0 technologies, including digitalization and artificial intelligence (AI).

## 2. Background

Digitization-driven Industry 4.0 creates opportunities for increased productivity and more sustainable production. However, it also presents challenges related to technology access, workforce transformation, and intensified competition in global value chains. The US National Institute of Standards and Technology in 2018 defined smart transformation as a pivot toward “fully integrated, collaborative manufacturing systems that respond in real time to meet changing demands and conditions in the factory, in the supply network, and in customer needs.” Technology convergence and connectedness are other ways of defining the impact of ICT on achieving smart transformation and improving efficiency at all levels.

Industry 4.0's impact is felt not only in manufacturing but also in the service, logistics, and agriculture sectors. Capgemini's Digital Transformation Institute in 2019 predicted that smart factories could add as much as USD1.5 trillion to the overall output of the industrial sector in the next five years, allowing some industries to almost double their operating profits and margins. Digitalization, AI, and emerging technologies are also promoting a paradigm shift in how organizations in various sectors can improve productivity through the adoption of smarter, more integrated workflow tools, AI and machine learning, and augmented reality. There is a need to understand how organizations can harness productivity potential and address related challenges from ongoing advances such as robotics, AI, and service automation technologies.

During the COVID-19 pandemic, most sectors are going through digital transformation, which is now regarded as a must rather than an option. Once the productivity gains achieved through this accelerated digital transformation have been experienced by many organizations and countries, it is just a matter of time before smart work and better performance become the norms. It is therefore important to consider how smart transformation should be approached. A digital transformation framework is the blueprint for how to move through this period of significant change as working conditions evolve. Such frameworks can guide all levels of organizations or even countries through the transformation journey.

This workshop will introduce smart transformation processes to increase productivity in various economic sectors by familiarizing participants with tools, concepts, and methodologies deployed and introducing effective digital transformation and Industry 4.0 concepts to assist them in launching similar initiatives in accordance with their national contexts.

## 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: Understanding Smart Transformation

- Smart transformation tools, concepts, and methodologies
- Smart transformation for various sectors
- Case studies

### Day 2: Digital Transformation Technologies

- Why data matters
- How Industry 4.0 technologies such as AI or the Internet of Things can be used for smart transformation

- Digital transformation frameworks

#### Day 3: Paradigm Shifts and Future Directions

- Process innovation
- Smart transformation toolkits
- Lessons from failure cases

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 for overseas resource persons.
- b. The host country will meet the assignment costs of local resource persons and 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.



Dr. AKP Mochtan  
Secretary-General