



## PROJECT NOTIFICATION

Ref. No.: 22-RC-11-GE-RES-B-PN2200077-002

<b>Date of Issue</b>	29 July 2022
<b>Project Code</b>	22-RC-11-GE-RES-B
<b>Title</b>	Research on National Innovation Systems in Developing APO Members
<b>Timing and Duration</b>	August–December 2022 (five months)
<b>Hosting Country(ies)</b>	Not Applicable
<b>Modality</b>	Digital Multicountry
<b>Implementing Organization(s)</b>	APO Secretariat
<b>Participating Country(ies)</b>	Bangladesh, India, Pakistan, Philippines, Turkiye, and Vietnam
<b>Qualifications of National Experts</b>	Policy analysts, researchers, or public policy experts specializing in national innovation systems or science, technology, and innovation policy; three or more years in the position; and excellent English writing and presentation skills
<b>Qualifications of Chief Expert</b>	Extensive knowledge of innovation policy including science and technology and national innovation systems with a track record of experience and publications in English on those topics
<b>Nomination of National Experts</b>	All nominations must be submitted through National Productivity Organizations of member countries
<b>Closing Date for Nomination of National Experts</b>	26 August 2022

## 1. Objectives

- a. Analyze commonalities in successful innovation systems in developing APO members.
- b. Examine the impact of innovation systems on productivity performance.
- c. Identify robust national innovation systems (NIS) for productivity enhancement.

## 2. Background

Innovation systems matter because an economy's success depends on its NIS working effectively. The OECD (2021), for example, stresses that how technology and information flow among people, enterprises, and institutions determines a nation's innovative process and capacity. Since innovative capacity sustains productivity, building an efficient NIS is a prerequisite for productivity growth.

As an economy progresses toward higher productivity levels, policymakers must ensure that their innovation strategies are oriented toward strengthening the NIS and overcoming any weaknesses therein. This requires a comprehensive analysis of the NIS, including its stakeholders and actors and their connectivity and synergy. Understanding how an NIS operates will give clues on its key strengths and weaknesses and therefore its performance over time, as well as the measures needed to enhance a country's overall innovation performance.

Considering the uniqueness of the NIS in each country, this research will undertake a comparative study to examine the performance and efficiency of NIS in selected developing APO members. Based on the findings, the research will recommend strategies and policies for building robust NIS that will drive productivity enhancement in other APO members with similar levels of development and needs.

## 3. Scope and Methodology

### Scope

- a. Innovation policies and benchmarking
- b. Performance analysis of NIS
- c. R&D and innovation ecosystems
- d. National and sectoral innovation management systems
- e. Incentive policies for innovation

### Methodology

- a. In-country research: Each national expert will collect and analyze data and write a preliminary report based on the research framework circulated prior to the coordination meeting. The reports will be finalized after the coordination meeting
- b. Coordination meeting of experts: A coordination meeting to finalize the research methodology and framework will be organized. The preliminary reports detailing country-specific situations will be presented in this meeting for feedback from other experts. The virtual sessions will be around three hours each day. The indicative agenda items are:

#### Day 1:

- Research overview
- Research framework
- Methodology and scope
- Data availability and sources
- Preliminary research findings

#### Day 2:

- Agreement on research framework, format of the final report, and timeline
- Final publication requirements

#### **4. Tasks of Experts**

##### **Chief Expert**

- a. Develop the overall framework and guidelines for the research.
- b. Present the research framework, methodology, and report structure.
- c. Review the drafts and provide feedback to national experts to ensure the quality of the work.
- d. Provide support and advice to the national experts in conducting the research.
- e. Prepare the the final report and submit it to the APO Secretariat by the deadline.

##### **National Experts**

- a. Collect data at national level following the methodology and framework provided.
- b. Write country reports on the analyses and findings based on the data collected.
- c. Present the preliminary reports during the coordination meeting.
- d. Revise the reports following the agreement during the coordination meeting and reflect the comments of the chief expert and APO Secretariat.
- e. Cooperate with the chief expert to ensure the quality and consistency of the final report.
- f. Submit the reports following the agreed format to the chief expert and APO Secretariat by the deadline.

#### **5. Financial Arrangements**

##### **To be borne by the APO**

- a. Honoraria for the chief and national experts.
- b. All assignment and relevant research costs.

##### **To be met by experts or participating members**

All local implementation costs incurred by the national experts when collecting data at the national level.

#### **6. Actions by Participating APO Members**

- a. Participating members are requested to nominate candidate national experts before the deadline.
- b. Each nomination must be accompanied by the APO biodata form and uploaded to the APO Document Management System (DMS)/Fleekdrive by the NPO.

#### **7. Actions by the APO Secretariat**

- a. Identify and invite a chief expert to lead the research until its completion.
- b. Coordinate all arrangements related to the research activities.



Dr. AKP Mochtan  
Secretary-General