



## PROJECT NOTIFICATION

Reference No.: 372

<b>Date of Issue</b>	11 April 2024
<b>Project Code</b>	24-RC-19-GE-RES-A
<b>Title</b>	Research on Policies Supporting the Shift to a Knowledge-based Economy
<b>Timing</b>	1 May 2024–31 December 2024
<b>Hosting Country(ies)</b>	Not Applicable
<b>Venue City(ies)</b>	Not Applicable
<b>Modality</b>	Online
<b>Implementing Organization(s)</b>	APO Secretariat
<b>Participating Country(ies)</b>	Not Applicable
<b>Overseas Participants</b>	Not Applicable
<b>Local Participants</b>	Not Applicable
<b>Closing Date</b>	3 June 2024
<b>Remarks</b>	The closing date is for the submission of proposals by research institutions. Please refer to the implementation procedures for information.

<b>Objectives</b>	Analyze trends of the knowledge-based economy including policies in APO members which promote its adoption to enhance productivity; investigate the opportunities and barriers that accompany the transition to a knowledge-based economy; and provide strategies and models to promote the adoption of advanced technologies to enhance productivity in a knowledge-based economy.
<b>Rationale</b>	The transition to a knowledge-based economy is essential for APO members to foster productivity growth by exploiting readily available knowledge, information, and high-level skills. The adoption and diffusion of AI are expected to play key roles in the knowledge economy, boosting productivity through advanced automation, data analysis, and decision-making capabilities.
<b>Background</b>	<p>Since the beginning of the 21st century, global economies have been undergoing a profound transformation from traditional industrial models to knowledge-based economies (ADB, 2007). This transition has underscored the crucial role of knowledge, information, and high-skill levels in driving productivity growth.</p> <p>In this evolving landscape, access to knowledge and information is a cornerstone of success, acting as a catalyst for innovation and overall competitiveness across sectors. The adoption and integration of technologies are poised to reshape the productivity landscape of knowledge-based economies. AI technologies offer advanced automation, data analytics, and decision-making capabilities that have the potential to accelerate productivity growth and drive sustainable prosperity.</p> <p>Analyzing existing policies and leveraging government support are essential steps to optimize the adoption of the knowledge economy and unlock its transformative potential.</p>
<b>Topics</b>	What is the knowledge-based economy?; Trends and policies in a knowledge-based economy; Barriers to and drivers of the transition to a knowledge-based economy; Impact of AI adoption on productivity in the knowledge-based economy; and Prerequisite regulations and technological infrastructures of a knowledge-based economy.
<b>Outcome</b>	Understanding of trends and policies of a knowledge-based economy in APO members including models and strategies for adopting advanced technologies like AI and maximizing their impact on productivity in the transition to the knowledge-based economy.
<b>Qualifications</b>	Research institutions with expertise in economic policy analysis, innovation ecosystems, and the adoption of advanced technology like AI, with a track record of interdisciplinary research, strong analytical skills, and experience in policy formulation for knowledge-based economies.

Please refer to the implementation procedures circulated with this document for further details.



Dr. Indra Pradana Singawinata  
Secretary-General

## **IMPLEMENTATION PROCEDURES FOR APO RESEARCH PROJECT ON POLICIES SUPPORTING THE SHIFT TO A KNOWLEDGE-BASED ECONOMY (DIGITAL MULTICOUNTRY)**

### **1. Methodology**

- a. Submission of research proposals: The APO Secretariat will identify partner research institutions, invite research proposals, and form a research team. Interested research institutions should submit their proposals to the APO Secretariat by the deadline.
- b. Multistakeholder consultative meeting: To finalize the plan for the research, a meeting will be held virtually, tentatively in August 2024. The indicative agenda items are:
  - Research overview
  - Proposals for the study by research institutions
  - Discussion on implementation of the study
  - Finalization of the research plan.
- c. Joint study implementation: The research team will collect, process, and analyze data for the report. The final report with findings will be submitted to the APO Secretariat by the end of December 2024.

### **2. Tasks of the Selected Research Institution**

- a. Assisting and working with the APO Secretariat in developing the research framework.
- b. Finalizing the methodology and outline of the report structure with the APO Secretariat.
- c. Collecting data for the research (including communicating with the original data owners) and analyzing them based on the agreed framework and methodology.
- d. Preparing the final report and submitting it to the APO Secretariat by the deadline.
- e. Supporting the APO Secretariat during the process of confirming the research findings with APO member economies.
- f. Providing support for dissemination of the research findings after report completion.

### **3. Qualifications of the Research Institution**

The APO Secretariat will select an appropriate research institution with the following qualifications:

- a. Extensive, specialized knowledge of economic policy analysis, innovation ecosystems, and adoption of advanced technology like AI, with a track record of publishing on interdisciplinary research in English, strong analytical skills, and experience in policy formulation for knowledge-based economies.
- b. Experience in providing advisory services to governments.
- c. Excellent English writing skills.
- d. Strong commitment to undertaking and completing the research project within the given time frame.

### **4. Financial Arrangements**

#### **To be met by the APO**

Honorarium for the research institution to be paid upon completion of the final report.

#### **To be met by the research institution**

All implementation costs incurred by the research institution when conducting the study.