Executive Training Program on AI Governance for Policy Makers and Civil Servants

18 July 2025, Bangkok Thailand

BACKGROUND

The rapid advancement of Generative AI (GenAI) has accelerated the global development and adoption of artificial intelligence (AI), including across the Asia Pacific region. As AI evolves into a general-purpose technology, it is transforming industries, reshaping global trade, and driving demand for AI-related goods, services, and talent.

Today, we stand at the dawn of the Fifth Industrial Revolution (Industry 5.0), marked by the seamless integration of human intelligence and advanced AI systems. Breakthroughs in Agentic AI—where AI operates autonomously with human-like agency—and humanoid robotics are redefining workplaces, governance, and societal norms. At the same time, human-AI collaboration is becoming central to decision-making, creativity, and problem-solving, blurring traditional boundaries between human and machine roles.

AI is increasingly integrated into Free Trade Agreements (FTAs) and Digital Economy Agreements (DEAs). Countries that establish robust AI governance frameworks—ensuring ethical evaluation, development, and deployment of AI systems—will foster inclusive, transparent, and innovative ecosystems, securing a competitive advantage in the industry 5.0 era.

However, this unprecedented growth presents complex challenges, including:

- The opacity of AI decision-making, raising accountability and ethical concerns.
- The risk of widening the digital divide, as nations and workforces adapt at varying speeds.
- The governance of autonomous AI agents and robotics, necessitating new regulatory frameworks.
- The societal impact of human-AI interaction, from job displacement to augmented human capabilities.

In this context, the Asian and Pacific Training Centre for ICT for Development (APCICT/ESCAP) and the Digital Economy Promotion Agency (DEPA) are organizing an

Executive Training Program on AI Governance for Policy Makers and Civil Servants. This program is designed to equip participants with the skills and insights needed to navigate the evolving AI landscape. It will strengthen their ability to design effective governance frameworks that address both the opportunities and challenges posed by these technologies, ensuring inclusive, ethical, responsible, and sustainable AI adoption in the industry 5.0 era.

OBJECTIVES

The program aims to:

- Examine the fundamentals of AI and its economic, societal, and ethical impacts.
- Promote trustworthy and responsible AI practices.
- Explore various AI governance frameworks, standards, ethical considerations, and practical implementation strategies.
- Develop strategies to address AI-related risks and challenges effectively, aligning with international best practices.

PARTICIPANTS

The event will convene mid- to senior-level government officials, policymakers, and public servants involved in designing, implementing, or overseeing digital transformation, data governance, and AI-related policies and programs.

APCICT Resource Persons

Timothy Tay Huey En
AI Governance Resource Person

Timothy Tay is a seasoned consultant and educator with over 35 years of cross-industry experience, specializing in AI governance, cybersecurity, and governance, risk, and compliance (GRC). He has extensive expertise in developing and delivering training programs for policymakers and civil servants, focusing on emerging technologies like AI and their governance frameworks. Timothy's professional background spans various roles, including lead trainer at TÜV SÜD Singapore and associate trainer at NTUC Learning Hub.

CONTACT

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SESSION PLAN

Friday, 18 July 2025	
Time	Description
08:30 – 08:45	**Opening session:** • Remarks from DEPA representative • Remarks from Mr. Kiyoung Ko, Director, APCICT/ESCAP
	AI Fundamentals
08:45 – 09:30 (45 Minutes)	**Session 1: Introduction, AI as a Transformative Technology** • Overview of Digital Transformation and AI's role as a disruptor. • The impact of AI across various sectors. • Types of AI • AI Index Report – 2025 • Strategic Integration of AI • The Next Wave of Disruption – 5th Industrial Revolution
09:30 - 09:45	*Coffee Break*
09:45 – 10:30 (45 Minutes)	**Session 2: AI's Socio-Economic Impact and Use Cases** • Economic, social, environment and business Impact • Main categories of AI Applications – NLP, Speech Recognition, Image and Video Recognition, Robotic • Industry AI Application - Healthcare, Financial Services, Education, Agriculture, Bioinformatics etc. • AI Application in Public Sector – A world bank Perspective • Priorities for Policy Makers • Standard University AI Index Report – 2025
10:30 – 11:00 *(30 Minutes)*	*Learning Activity 1 -: Identify practical applications of AI in public services in Thailand*
11:00 - 12:00 (60 Minutes)	**Section 3: Data Governance, Machine Learning and Generative AI** • AI and Data • Data and AI Governance • Machine Learning • Deep Learning • GenAI Model • GenAI Tools • Risk and Ethical Issues in GenAI
12.00 – 13:00	*Lunch*

Friday, 18 July 2025	
13:00 – 13:30 (30 Minutes)	**Session 4: AI Ethical and Governance Framework** • Why AI Ethics is becoming the biggest challenge now • Core AI Ethics Principles • Major AI Ethics Framework – OECD, UNESCO, EU • Why is AI Governance important now? • UN AI Governance framework • Harmonizing the UN Principles – Sectoral, Vendor and Country
13:30 - 13:50 (20 Minutes)	**Session 5: AI Laws, Auditing and Compliance** • The importance of Legal Compliance in AI Governance • Key Concepts of AI Law • Critical Scenarios where regulation is required • EU AI Acts • Auditing AI Systems • ISO 42001 AI Auditing Standard • Technical AI Auditing Tool – AI Verify and other
13:50 – 14:20 (30 Minutes)	**Session 6 – AI Governance – Putting it together** • What are AI Systems? • Guide to implement an AI System at the organization Level • AI Playbook for Policy Makers
14:20 – 14:50 (30 Minutes)	*Learning activity 6 – Identify the priorities and AI Governance Roadmap for your countries*
14:50 – 15:00	Evaluation and closing