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# **TRAINING COURSE**

# **Realizing Data-Driven Governance**

# *6 – 7 December 2023 (Online)*

# **BACKGROUND**

The “Academy of ICT Essentials for Government Leaders Programme” (Academy) is the flagship programme of the Asian and Pacific Training Centre for ICT for Development (APCICT/ESCAP) to equip government officials and policymakers with the essential knowledge and skills to leverage digital technologies for national and regional socio-economic development. Launched in 2008, the Academy’s comprehensive curriculum was developed in partnership with ICT experts as well as stakeholders from government, civil society and academia from countries in the region.

Governments continue to struggle with using data to improve governance. Even in the midst of a data revolution, some of them face the traditional challenges of lack of data, low quality data and outdated data. Others face the more contemporary challenge of making sense of mountains of data that are available to them. How can we enhance the use and analysis of data to support governance and government decision-making? The Academy Module on “Realizing Data-Driven Governance” is designed for government officials in developing countries, aims to help them understand data-driven governance and assist them in using data-driven governance in their jurisdictions.

**LEARNING OUTCOMES**

At the end of the programme, participants are expected to:

* Discuss the social consequence of the data revolution;
* Understand data-driven governance;
* Appreciate and explain the facilitating role of data governance, data management and data analytics in data driven governance;
* Identify and act upon key enabling policies, programmes and activities that promote data-driven governance; and
* Appreciate the importance of data culture in the public sector.

# **TARGET PARTICIPANTS**

* This training is targeted to officials from the Information and Communication Public Management Institute (ICI) of Viet Nam;
* Government officials responsible for the development and implementation of ICT-based applications from the Ministry of Information and Communications of Viet Nam.

# **RESOURCE PERSON**

* Mr. Faheem Hussain, PhD, Assistant Professor, School for the Future of Innovation in Society, Program Chair, MS in Global Technology & Development, College of Global Futures, Arizona State University

# **CONTACTS**

# Mr. Robert De Jesus, Program Officer, APCICT/ESCAP, dejesus3@un.org

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# **PROVISIONAL PROGRAMME**

**Realizing Data-Driven Governance**

**6 – 7 December 2023 (Online)**

**09:00am – 16:30pm, Hanoi time (UTC+7);**

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| Time | 6 December 2023 |
| 9:00 - 10:30 | **Opening Session*** Welcoming remarks by Mr. Kiyoung Ko, Director APCICT/ESCAP
* Introduction to the module

**Session 1: Data Revolution and Data Justice** * Discuss the ICT foundation of the data revolution, Internet of Things, digitization, digitalization, digital transformation and datafication
* Discuss the social consequence of the data revolution and the need for data justice
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| 10:30 - 10:40 | *Break* |
| 10:40 – 11:30 | **Session 2: Data-Driven Governance*** Discuss on governance, data-driven governance and data-driven government
* Highlight on data-driven decisions, evidence-based policymaking, results-based management as well as monitoring the Sustainable Development Goals (SDGs)
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| 11:30 - 13:00 | *Break* |
| 13:00 - 15:00 | **Session 3: A World Awash in Data** * Examine official statistics, big data, real time data, small data and citizen-generated data
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| 15:00 - 15:10 | *Break* |
| 15:10 - 16:30 | **Session 4: Data Governance and Management** * Explore how data governance and data management ensure data accessibility, reliability, quality and timeliness for users
* Discuss Data Management Book of Knowledge (DMBOK)
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| Time | 7 December 2023 |
| 9:00 - 10:30 | **Session 5: Data Analytics and Algorithmic Bias** * Introduce 4 types of analytics including descriptive, diagnostic, predictive and prescriptive
* Discuss dangers of algorithmic bias when human prejudice and partiality are incorporated in the algorithms used in decision making
 |
| 10:30 - 10:40 | *Break* |
| 10:40 - 11:30 | **Session 6: Creating an Enabling Environment** * Analyze policies and programs that are needed to institutionalize data-driven governance. These include strengthening data collection institutionalizing data governance; heightening public access and trust; gearing up for Big Data; and creating a data culture.
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| 11:30 - 13:00 | *Break* |
| 13:00 - 14:30 | **Session 7: Workshop on Module Delivery** * Group discussions and exchange of views on the various ways to deliver the module, particularly on the challenges in delivering them
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| 14:30 - 14:40 | *Break* |
| 14:40 - 16:00 | **Session 8: Creating a Data Culture in the Public Sector** * Discuss how to build a deep and wide comfort level with using metrics in government to maximize social impact
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| 16:00 - 16:30 | **Short test and Closing** |