



**CONFIDENTIAL**  
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**ACADEMY OF PUBLIC ADMINISTRATION  
UNDER THE PRESIDENT OF THE REPUBLIC OF  
KAZAKHSTAN**

# EVIDENCE-BASED DECISION MAKING

**7-9 October, 2019**

## **PURPOSE**

To deepen the knowledge and understanding of the participants on the role of data to support evidence-based policymaking and to increase the capacities of the participants to deliver training on data-driven governance at the central and local levels.

## **SHORT OVERVIEW**

The 2030 Agenda for Sustainable Development underscores the importance of monitoring results and emphasizes the role of data and statistics for sustainable development. Today, the widespread of ICTs has paved the way for a data revolution. This revolution offers governments new opportunities that can help increase efficiency, transparency, and improve public services. Indeed, the data revolution can help governments in their implementation of the SDGs. However, the slow adoption of data in governance can be attributed numerous reasons, including political and technical, such as the lack of data standards, poor data quality, poor information governance, and lack of appropriate policy frameworks.

APCICT/ESCAP's Academy Module on Realizing Data-Driven Governance aims to inform policymakers on the role of accurate, accessible, timely and reliable data in enhancing governance, formulating policies and strategies, and delivering services. It emphasizes on the role of data to support evidence-based policymaking, and in implementing and monitoring progress on the SDGs. Through this module, policymakers will be able to appreciate the key issues that would facilitate data-driven governance as well as identify its key enabling policies.

The Centre of Applied Research and International Partnership and the Institute of Professional Development of the Academy of Public Administration under the President of the Republic of Kazakhstan and APCICT/ESCAP are co-organizing the National Training on Data-Driven Governance in October 2019 in Kazakhstan.

## **EXPECTED OUTCOMES**

- Strengthen the capacities of the participants on the role of data in governance and development and the policy issues related to developing and implementing data-driven governance;
- Expand the pool of local resource persons who can advocate and deliver training on the module

## **TRAINERS/SPEAKERS**

### **Emmanuel C. Lallana, PhD**

Chief Executive of ideacorp – an independent, non-profit organization focused on the use of Information and Communications Technology (ICT) in governance and education, in business and the economy and in transforming society.

Dr. Lallana works on Digital Development (also called ICT for Development or ICT4D) issues, particularly National ICT Policy Development, ICT Human Capital Development, e-Governance (with particular interest in social media and mobiles in Governance) and Data Privacy. He has published extensively on ICT4D issues and trains government officials from developing countries in Asia on ICT policy development, eGovernance and Social Media.

Dr. Lallana has worked with academic/research institutions, business groups, civil society organization, national government agencies and international organizations. He served the Philippine government as a political appointee of Pres. Fidel V. Ramos (as Deputy Director General, Foreign Service Institute) and Pres. Gloria Macapagal Arroyo (as Commissioner, Commission on Information and Communications Technology). He received a letter of commendation from Pres. Benigno S. Aquino II for 'laudable work' as a member of the Philippines' High Level Task Force on ASEAN Connectivity.

### **Almaz Bakenov**

Mr. Bakenov is the Director of National Information Technology Center of Kyrgyzstan and the Coordinator/IT Director of the American University of Central Asia. Mr. Bakenov has worked with the Academy of Management under the President of Kyrgyzstan, S3 Corporation, Brigham young University, and State Education Center of Nuclear Energy Ministry of Russia Federation. He specializes in ICT for development, system analysis, project management, fundraising, IT audit, and IT-service delivery.



## MONDAY, 7 OCTOBER

### TIME

09.30-09.50

### **PARTICIPANTS REGISTRATION**

09.50-10.10

### **SEMINAR OPENING**

- Welcome remarks by the Academy of Public Administration
- Remarks by other representatives (TBC)
- Welcome remarks and presentation on APCICT programme by Mr. Kiyoung Ko, Director, APCICT/ESCAP
- Group photo

10.10-11.20

### **Session 1: Data Revolution and Data Justice**

*Resource Person: Dr. Emmanuel Lallana*

In this session the ICT foundation of the data revolution will be discussed. In particular, the Internet of Things, digitization, digitalization, digital transformation and datafication will be taken up. The session will conclude with a discussion of the social consequence of the data revolution and the need for data justice.

#### ***National Presentation***

Overview of Kazakhstan National Digital Development Policies and Initiatives (TBC)

11.20-11.40

### **COFFEE-BREAK**

11.40-13.00

### **Session 2: Data-Driven Governance**

*Resource Person: Dr. Emmanuel Lallana*



The session starts with a discussion on governance, data-driven governance and data-driven government. The focus of the session is on data-driven decisions, evidence-based policymaking, results-based management as well as monitoring the Sustainable Development Goals (SDGs).

13.00-14.00

**LUNCH**

14.00-15.20

**Session 3: A World Awash in Data**

*Resource Person: Mr. Almaz Bakenov*

*Co-facilitator: Dr. Emmanuel Lallana*

The session will examine official statistics, big data, real time data, small data and citizen-generated data.

15.20-15.30

**COFFEE-BREAK**

15.30-16.50

**Session 4: Data Governance and Management**

*Resource Person: Mr. Almaz Bakenov*

*Co-facilitator: Dr. Emmanuel Lallana*

The session will explore how data governance and data management ensure data accessibility, reliability, quality and timeliness for users. There will also be a discussion of Data Management Book of Knowledge (DMBOK).



## TUESDAY, 8 OCTOBER

### TIME

09.30-10.50

#### **Session 5: Data Analytics and Algorithmic Bias**

*Resource Person: Mr. Almaz Bakenov*

*Co-facilitator: Dr. Emmanuel Lallana*

The 4 types of analytics – descriptive, diagnostic, predictive and prescriptive – will be considered. The dangers of algorithmic bias – when human prejudice and partiality are incorporated in the algorithms used in decision making – will also be considered.

10.50-11.10

#### **COFFEE-BREAK**

11.10-12.30

#### **Session 6: Creating an Enabling Environment**

*Resource Person: Dr. Emmanuel Lallana*

This session will deal with 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.

12.30-13.30

#### **LUNCH**

13.30-14.50

#### **Session 7: Creating an Enabling Environment (continued)**

#### **National Presentation(s)**

*Resource Person: Dr. Emmanuel Lallana*



Realizing Data-Driven Governance in Kazakhstan: Challenges and Opportunities (TBC)

14.50-15.00

**COFFEE-BREAK**

15.00-16.50

**Session 8: Workshop on Module Delivery**

*Resource Person: Dr. Emmanuel Lallana*

Group discussions and exchange of views on the various ways to deliver the module, particularly on the challenges in delivering them.

Group Presentations

**WEDNESDAY, 9 OCTOBER**

**TIME**

09.30-10.30

**Session 9: Creating a Data Culture in the Public Sector**

*Resource Person: Dr. Emmanuel Lallana*

This session will discuss how to build a deep and wide comfort level with using metrics in government to maximize social impact

10.30-11.00

**COFFEE-BREAK**

11.00-12.30

**Session 10: Closing session**

Evaluation

Closing Remarks



