



# DIGITAL STRATEGIES FOR DEVELOPMENT FORUM 2017

September 7-8, 2017

Asian Development Bank | Manila, Philippines



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## ABOUT THE FORUM

Digital technologies greatly impact the economic and societal development of nations. The Asian Development Bank (ADB) notes that **adoption of digital technologies can allow developing countries to leapfrog over traditional development pathways** – from resource-based economies and labor-intensive industries to the production of knowledge-based products and services.

In line with this, the ADB will host the **2017 Digital Strategies for Development Forum (DSDF)**. Established in 2014 as the Digital Strategies for Development Summit (DSDS), the event has become a venue for high-impact discussions on ICT for Development. It tackles country and sectoral/thematic development strategies towards Digital Economy in Asia and the Pacific.

DSDF 2017 is organized in partnership with the Department of Information and Communications Technology (DICT) of the Government of the Philippines, the Asia-Pacific Telecommunity (APT), United Nations Educational, Scientific and Cultural Organization (UNESCO) and the Asia Society for Social Improvement and Sustainable Transformation (ASSIST). It will be held on **September 7 and 8, 2017** at the **ADB Headquarters** in the Philippines, as it ties up with the 14th APT Telecommunication/ICT Development Forum (ADF-14) of the APT on September 5 and 6.

DSDF 2017 will focus on both areas of **education and smart cities**, in the **context of digital technologies development within the Fourth Industrial Revolution (4th IR)**.

DSDF 2017 will then be a venue for organizations to **discover ways to be prepared to adapt ourselves as well as our development activities for the changes within the 4th IR backdrop**. Participants will be able to discuss new strategies and emergent ideas, share best practice, and network with all development partners and stakeholders from across the region.

### HIGHLIGHTS



**250+**

Delegates from  
all over the region



**40+**

International ICT  
and sectoral thought  
leaders and speakers



**15+**

Interactive streams to  
discover new strategies  
and exchange ideas

## STREAMS



Education



Smart Cities

## PURPOSE AND BENEFITS



### EXCHANGE

Create connections and exchange knowledge



### ENABLE

Equip practitioners with the right tools



### EXCEL

Walk away with learning to produce results

## TARGET AUDIENCE



National and Local Government



Private Sector



NGOs and Civil Society Sector



Academic Institutions



IT Development-Focused Practitioners



Technology-Savvy and Entrepreneurial Youth

# PROGRAM OVERVIEW



DAY 1 | SEPTEMBER 7, 2017

08:00 - 09:00 Registration

09:00 - 09:15 **Welcome Remarks**

Vice President, *Asian Development Bank*

09:15 - 09:30 **Opening Address**

Atty. Rodolfo Salalima (TBC)

*Secretary, Department of Information and Communications Technology, Philippines*

09:30 - 09:45 **Keynote Address**

Ms. Areewan Haorangi

*Secretary General, Asia-Pacific Telecommunity*

09:45 - 10:15 Group Photo/ Break

## THE 4<sup>TH</sup> INDUSTRIAL REVOLUTION

10:15 - 10:45 **Session 1 – Keynote Speech | “The Fourth Industrial Revolution: Its Impact on Business, Society and Development”**

The Fourth Industrial Revolution is already here. The way it disrupts society is happening at exponential rates, and its effects are felt across the globe. Still, not everyone recognizes it. The first keynote speech will highlight the impact of the 4th IR to different sectors – business, social, and development – and how further these will be shaped by this current revolution.

10:45 - 12:30 **Session 2 – Plenary Session | “How Ready are We? Digital Strategies for the 4th IR”**

Through vast technological innovations, what was once deemed futuristic is now reality. The 4th IR has permeated through all the sectors of society, and everyone now must make the most out of it. Stemming from the earlier keynote speech, this session will highlight various digital strategies employed in private and public spaces as the 4th IR happens.

12:30 - 13:30 Lunch Break

# PROGRAM OVERVIEW



DAY 1 | SEPTEMBER 7, 2017

## FUTURE SKILLS AND EDUCATION

**13:30 - 15:00** *Session 3 – Plenary Session | “Transformation of Education and Skills Development Preparing for the 4th Industrial Revolution Era”*

### *“E-ducation: The Future of Education and Training”*

ICT has far-reaching effects on education, both in formal and informal settings. The two presentations in this segment will examine transformation, trends, and implications of ICT in the whole learning system – from management to delivery of interventions.

**15:00 - 15:30** Networking Break

**15:30 - 17:00** *Session 4 – Breakout Sessions*

Despite challenges faced in the 4th IR, the world has been greatly renewed with numerous benefits that technology has offered. Beyond the challenges, these breakout sessions aim to tackle the opportunities through which ICT has been contributing to improved access to education, the delivery of quality learning and teaching, and overall education administration.

#### **4A. Teaching Teachers: Preparing Trainers for ICT in education**

The vitality of teachers in education process cannot be overstated. Hence, in the context of ICT in education, the capacity of trainers also need to be given as much attention as the students who will be the end-recipients. This session will look at how the teachers and trainers can fully be prepared to harvest the benefits ICT has instore for the education sector.

#### **4B. Beyond the Books: e-Learning Contents and Digital Technologies at Classrooms**

With everything going digital, it is imperative that society pays attention to the utilization of digital education contents and teaching methods. With so many resources available in the palm of our hands, this session will study trends on digital classroom tools that are meant to facilitate more efficient and more engaging learning processes.

#### **4C. Localized ICT4E: Integrating ICT in Education Sector Development Program**

This session features case studies on the roles and methods that ICT has played in various national government educational reform programs – in both the traditional classroom-oriented setting, and in non-classroom set-up and vocational education. Learn how these countries managed to apply ICT in its local education context.

**18:00, onwards** Welcome Dinner hosted by DICT Philippines

## PROGRAM OVERVIEW

### SPECIAL SESSION ON HIGH-LEVEL TECHNOLOGY ROUND-TABLE DISCUSSION



DAY 2 | SEPTEMBER 8, 2017

**08:00 - 09:00** Registration

**09:00 - 09:30** **Review and Summary of Day 1**  
Insightful Video on “4<sup>th</sup> Industrial Revolution”

**09:30 - 10:00** **Eminent Speaker’s Presentation | “Moving People and Things: An Overview of Future Transport Systems in Cities”**  
With populations skyrocketing and urban areas becoming megacities, the need for modern modes of transportation can never be clearer. This plenary session will acquaint the participants on how future transport systems will look like and how they figure in a smart city context.

**10:00 - 10:30** Networking Break

**10:30 - 12:00** ***A Round-table Discussion on High Level Technology Followed by an Input Speech | “A Look Towards a High-Level Technology – Implication for Development”***  
Advanced technologies, more than ever, are crucial in various development interventions. The input speech in this session will analyze how the adoption of high level technologies can help to address development challenges. It will be followed by a panel discussion among sector representatives to talk about, specifically, challenges and opportunities that HLT may present in their respective industries.

# PROGRAM OVERVIEW



DAY 2 | SEPTEMBER 8, 2017

12:00 - 13:30 Lunch Break

## **SMART CITIES AND SMART MOBILITY**

13:30 - 15:00 **Session 6 – Breakout Sessions**

The next breakout sessions will take a closer look at how ICT can affect certain smart city components, and how it aims to empower organizations to utilize these tools for the improvement of their business and the industry as a whole.

### **6A. What Makes Urban Transportation System Smart?**

What makes up an intelligent transport system (ITS)? This breakout session breaks down important components of the transportation systems of the future – particularly cloud-based services and e-payment services, which are being steadily adopted for their convenience and simplicity.

### **6B. 5G, IoTs, and Sensor Networks: The Bloodstream of Smart Cities**

This breakout session takes the participants through an analysis of the importance of broadband internet, 5G, IoTs and sensor networks in a true smart city. It will analyze how different components of a smart city function and stay connected anytime, anywhere.

### **6C. Plugged-in: Building Out Electric Vehicles and Charging Infrastructures**

The adoption of electric vehicles is slowly changing the direction of population mobility. With the transport sector contributing to a sizeable percentage of greenhouse gas emission, the switch to renewable sources of energy and electricity production has been the go-to response to sustainable transportation solutions. The session will present the current technologies being applied on electric vehicles and charging infrastructure, and how these have been working in advanced cities in different parts of the globe.

15:00 - 15:30 Networking Break

15:30 - 16:30 **Session 7 – Closing Plenary | “Networks for Networks: The Role of Stakeholders and the Need for Integration, Collaboration, and Cooperation”**

The last session ties together all the information from the two-day Forum by putting at the fore ways on how the attendees can work together and maximize the opportunities for collaboration. Through the panelists, the delegates will be urged to go beyond the conventional partnership ideas. Instead, they will be led to forge smart partnerships for a smarter future.

16:30 - 16:45 Closing Remarks



## DIGITAL STRATEGIES FOR DEVELOPMENT FORUM 2017

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