

DIGITAL WEEK 2019

2-5 September 2019
ADB Headquarters

Agenda

Digital Week Launch

2 September 2019 (Monday) Auditorium

- | | |
|-------------------------|---|
| 8:00 a.m. – 8:45 a.m. | Breakfast and Registration for the Digital Journey |
| 9:05 a.m. – 9:10 a.m. | Welcome Remarks
Moderator: Cathy Yang, Anchor and Managing Editor
ABS-CBN News Channel |
| 9:10 a.m. – 9:15 a.m. | Digital Agenda 2030 Opening Video |
| 9:15 a.m. – 9:25 a.m. | Keynote Address: Industry Trends in Digital Transformation
Marcel van Hulle, Senior Vice President, Info-Tech Research Group |
| 9:25 a.m. – 9:35 a.m. | Keynote Address: The Journey of Transformation
Andrea Della Mattea, President, Microsoft Asia Pacific |
| 9:35 a.m. – 10:00 a.m. | Panel Discussion: Key Success Factors for Digital Transformation: People and Business Processes
Moderator: Cathy Yang <ul style="list-style-type: none">• Takehiko Nakao, President, ADB• Marcel van Hulle• Andrea Della Mattea |
| 10:00 a.m. – 10:10 a.m. | Virtual Reality Experience: A Glimpse into ADB's Future |
| 10:10 a.m. – 10:30 a.m. | Ribbon-Cutting, President's Tour of the Experience Gallery, and Introduction to a Humanoid |
| 12:00 p.m. – 12:30 p.m. | Meet Pepper, ADB's First Humanoid, <i>K-Hub</i> |

2 September 2019 (Monday), Auditorium

Hackathon Pitching Session

1:30 p.m. – 2:10 p.m.

Panel Discussion: How Startups Support Innovation

Panelists from academia and industry explain how they engage with startups on digital innovation.

Facilitator: Paul Meyers, ADB Ventures

- Primitivo Jr F Paypon, Executive Director, Asian Institute of Management - Dado Banatao Incubator
- Ian Pacana, Senior Director, Finastra
- Rajen Sanggaran, Vice President- Applications, Oracle ASEAN

2:15 p.m. – 5:00 p.m.

On-site Hackathon Pitching Session

Watch top Hackathon teams pitch their best ideas in response to three challenges.

- Digital Skills for Today's Workforce
- ADB Pay: Digital Payments
- Future-Proofing for the Water Crisis

5:30 p.m. – 9:00 p.m.

ADB -AIM Hackathon Awarding Ceremony, *EDR*

- Deborah Stokes, Vice President for Administrative and Corporate Services, ADB
- Dr. Jikyeong Kang, President, AIM
- Hackathon Judges

Digital Development Forum

3 September 2019 (Tuesday) Open Sessions Auditoriums B and C

8:45 a.m. – 9:00 a.m. Registration

9:05 a.m. – 9:15 a.m. Opening Remarks

Bambang Susantono, Vice President for Knowledge Management and Sustainable Development, ADB

9:15 a.m. – 10:30 a.m. Plenary Session 1: Digital Economy Transformation in DMCs

Moderator: Cathy Yang, Anchor and Managing Editor
ABS-CBN News Channel

- Katsumi Emura, NEC Corporation

- Michael Barrow, Director General, Private Sector Operations Department, ADB
- Yasuyuki Sawada, Chief Economist, ADB
- Thomas Abell, Advisor and Chief of the Digital Technology for Development Unit, ADB

Session Guide Questions:

- Technology has been a dominant force in driving economic growth and improving standards of living. How would you characterize the transition to the digital economy?
- What are the most important policies for national governments to support the transition to the digital economy?
- What are the best examples of countries or cities making use of digital technology?
- What are the main risks from digital technology? How can we avoid or mitigate these?

10:30 a.m. – 10:45 a.m. **Coffee Break and Group Photo**

10:45 a.m. – 12:00 p.m. **Plenary Session 2: Digital Development Strategy for Strategy 2030**

Chair: WooChong Um, Director General, SDCC, ADB

- Ramayya Krishnan, Carnegie Mellon University
- Lito Tayag, Accenture
- Amy Leung, Director General, East Asia Department, ADB
- Ramesh Subramaniam, Director General, Southeast Asia Department, ADB

Session Guide Questions:

- How can ADB best apply digital technology across our operational priorities in support of Strategy 2030?
- How can ADB partner effectively with technology leaders to improve our use of technology in our development programs?
- How can ADB provide leadership in promoting digital technologies to support our members' development objectives?

12:00 p.m. – 1:10 p.m. **Lunch Break**

1:10 p.m. – 2:00 p.m. **Operational Priority (OP) 2 Session: Women and the Digital Economy in Asia and the Pacific**

Moderator: Sonomi Tanaka, OP2 Lead

- Celina Agaton (Map the Philippines), *Mapping Development: New Technologies to Drive Better Development Interventions*

- Linartes Villoria (ILO), *Women in STEM Workforce Readiness and Development Program*
- Pamela Wyatt (Principal Public Management Specialist, ADB), *Tonga: Introducing e-government through Digital Health Project*
- Janine Teo, Solve Education!

Session Guide Questions:

- How can DT development maximize the acceleration of gender equality, empowerment of women, and narrowing digital gender divide?
- What are the key barriers for women to maximize the digital opportunities in the society and how to overcome these barriers?
- How can we design DT interventions to prevent potentially negative impacts such as women’s job replacements?
- How can we incorporate digital components targeting women in ADB’s core operational areas?

2:00 p.m. – 3:20 p.m.

Operational Priority (OP) 1 Session: Addressing Remaining Poverty and Reducing Inequality

Moderator: Wendy Walker, OP1 Lead

- Paul Kim, Stanford University
- Vincent Quah, Amazon Web Services
- Patrick Osewe, Chief of Health Sector Group, ADB
- Brajesh Panth, Chief of Education Sector Group, ADB

Session Guide Questions:

- How can delivery of services be improved using DT (what service areas could be improved most using DT?)
- How can human capital be strengthened in the context of digital economy (future job and digital skills, digital divide)?
- What are the critical information infrastructure for OP1 (e.g., national level databases for education, health and social protection) and barriers to build the infrastructure in ADB operations?

3:20 p.m. – 3:40 p.m.

Coffee Break

3:40 p.m. – 5:00 p.m.

OP3 Session: Tackling Climate Change, Disaster Resilience and Environmental Sustainability

Moderator: Preeti Bhandari, OP3 Lead

- Paul Kim, Stanford University
- Bill Pazos, AirCarbon (via videoconference)
- Amy Leung, Director General, East Asia Department, ADB

- Sherwin Pu, Principal Investment Specialist, ADB
- Paolo Manunta, Senior Infrastructure Specialist (Earth Observation), ADB

Session Guide Questions:

- How do you see the landscape of emerging DT opportunities especially those relevant for ADB's OP3 – building climate and disaster resilience and enhancing environmental sustainability?
- In your view, what are the key elements for forging a robust DT plan for supporting ADB's OP3?
- How do you think we can kickstart the process of using DT in the context of OP3 (low hanging fruit)?

Digital Development Forum

4 September 2019 (Wednesday) Open Sessions Auditoriums B and C

8:45 a.m. – 9:00 a.m. Registration

9:00 a.m. – 10:20 a.m. **OP4 Session: Making Cities More Livable**

Session Chair and Moderator: Manoj Sharma, OP4 Lead

- Katsumi Emura, NEC
- Ramayya Krishnan, Carnegie Mellon University
- Derek Murray, Mott MacDonald
- Vijay Padmanabhan, Director, ADB
- Ye Yong, Director, ADB
- Arun Ramamurthy, Senior ICT Specialist (Innovations), ADB

Session Guide Questions:

- How can DT contribute to achieve ADB's urban vision in 3 Es (economy, equity, environment)? How is it related to the concept of smart city?
- What are the key barriers in taking an integrated approach for smart cities – from the view point of finance, governance, and technology?
- What are the critical DT infrastructure for smart cities (e.g., city-wide communication infrastructure, cloud-based data center, population database, city-wide GIS, among others) and how to build them?

10:20 a.m. – 10:40 a.m. Coffee Break

10:40 a.m. – 12:00 p.m. **OP5 session: Promoting Rural Development and Food Security**

Session Chair and Moderator: Donneth Walton, Director, ADB

- Amit Vatsyayan, Ernst & Young India
- Mahinakhon Suleymanova, Neksigol Mushovir

- Takeshi Ueda, Principal Natural Resources and Agriculture Economist, ADB
- Samjhana Shrestha, Senior Economist, ADB

Session Guide Questions:

- Looking at e-agriculture projects including pilots across the globe, some of them worked well but many of them did not achieve the expected results. What caused the difference? Which areas have DT been successfully used in agriculture?
- ADB emphasizes agriculture value chain as one of key pillars of OP5. Among other areas (agriculture market information, food safety, ICT-based financial service, among others), where should ADB focus on considering the DMCs' demand and ADB's competitive advantage?
- For rural development, what should be the priority area to focus from ICT/DT point of view and the optimum division of roles between government and private sector?
- What are some of the areas in agriculture that ICT/DT could have commercial success?

12:00 p.m. – 1:30 p.m. **Lunch Break**

1:30 p.m. – 2:50 p.m. **OP6 Session: Strengthening Governance and Institutional Capacity**

Session Chair and Moderator: Bruno Carrasco, OP6 Lead

- Nilaya Varma, KPMG
- Eduardo Araral, Jr., Lee Kuan Yew School of Public Policy, National University of Singapore
- Stephanie Sy, Founder and Data Scientist, Thinking Machines
- Chiara Bronchi, Chief Thematic Officer, ADB

Session Guide Questions:

- What is continuity in terms of ICT/DT applications and what is considered new and revolutionary? Should implementation be done in a phased manner?
- What digital technology is more likely to be put in use (e.g., GIS, satellite, blockchain, AI/Big Data)? What would be the criteria and consideration when prioritizing DT?
- From a national government perspective, how are they going to transform their country into a digital economy? Is there a prescribed sequence (e.g., 1st: national digital strategy; 2nd: ICT infrastructure, 3rd: applications)?
- On a national scale, how can governments transform into an integrated e-government using ICT? What should be the key intervention areas to achieve an integrated e-government – national broadband, national ID, national GIS, cyber security and policy, among others?

02:50 p.m. – 03:10 p.m. Coffee Break

03:10 p.m. – 04:50 p.m. **OP7 Session: Promoting Regional Cooperation and Integration**

Session Chair and Moderator: Arjun Goswami, OP7 Lead

- Tengfei Wang, UNESCAP
- Masato Nakane, Senior Economist, ADB
- Rosalind McKenzie, Senior Regional Cooperation Specialist, ADB
- Matthias Helble, Economist, ADB

Session Guide Questions:

- ICT connectivity: What should be the role of ADB – public vs private (landlocked countries, Pacific countries)? What about cybersecurity?
- Global trade and investment: Given the upcoming changes in global supply chain, where are the key digital opportunities and what areas ADB needs to focus (logistics, cross-border e-commerce, digital goods, among others)?
- Regional public goods: information sharing and exchanges for environment (ocean environment, air pollution, collaboration for Mekong river), communicable diseases (GMS health)

Digital Agenda 2030: Digital Transformation Deep Dive

5 September 2019 (Thursday) Auditoriums B, C, and D

8:45 a.m. – 9:00 a.m. **Welcome and Introduction**
Ram Lakshminarayanan, Partner at KPMG Singapore

9:00 a.m. – 9:30 a.m. **Overview of ADB's Digital Agenda 2030**
Shirin Hamid, Principal Director, OIST, ADB
A walk through of the digital journey ahead for ADB.

9:30 a.m. – 11:00 a.m. **Lightning Talks by Industry Experts on Digital Transformation**
Quick talks on diverse topics. Each speaker will have 5-7 minutes for the presentation.

- **Cybersecurity and Privacy in the Digital Era**
Vincent Loy, Assistant Managing Director, Monetary Authority of Singapore

- **Digital Transformation: Digital Products and Services for a Bank**
Henry Aguda, Senior Executive Vice President, Chief Technology & Operations Officer, Chief Transformation Officer, Union Bank
- **Corporate and Administrative Systems Transformation Journey**
Peppin Cyriaque Vougo, Director of IT, African Development Bank (AfDB)
- **Digital Skills**
Ma. Carmen Testa, Adjunct Faculty and Interim Head, School of Executive Education, Asian Institute of Management (AIM)
- **Digital Workspace**
Stephen Evans, Head of IT, Nordic Investment Bank (NIB)

11:00 a.m. – 11:15 a.m. Coffee Break

11:15 a.m. – 12:00 p.m. **How to Connect Organizational Silos in a Digital World**
Ram Lakshminarayanan, Partner at KPMG Singapore
Insights on how to connect business processes in an organization.

12:00 p.m. – 12:30 p.m. **Meet Pepper, ADB's First Humanoid**, Auditorium A

12:00 p.m. – 1:15 p.m. Lunch Break

1:15 p.m. – 3:00 p.m. **Future of Operations**
Facilitator and Opening Remarks: **ADB Digital Development History**
Ayumi Konishi, Special Senior Advisor to the President, ADB

- **Sovereign Operations: Update**
Diwesh Sharan, Deputy Director General, SARD, ADB
F. Cleo Kawawaki, Deputy Director General, SERD, ADB
- **Non-Sovereign Operations: ADB's Transformation Journey**
Scott Roberts, Principal Investment Specialist, PSOD, ADB
- **Digital Twins Technology**
Derek Murray, Global Head of Digital Projects,
Mott MacDonald
- **Digital Transformation**
Mario Domingo, CTO of CHI-X Global Technologies
Philippines
- **Discussion with Directors from Regional Departments**

2:00 p.m. –
4:00 p.m.

Future of Corporate Support Services

Facilitator: Ram Lakshminarayanan, Partner at KPMG Singapore

ADB Panel on Singapore Futures Workshop

- Chai Sun Kim, Controller, ADB
- Yan Jiang, DDG, BPMSD, ADB
- Lakshmi Menon, Principal Director, OAS, ADB
- Risa Teng, DG, PPF, ADB
- Neil Wallace, Director, Budget, ADB

KPMG: Next Steps and Scope on Zoom-In Exercises

3:00 p.m. –
5:30 p.m.

Future of Knowledge Management and Learning

Facilitator: Antoine Ting, Director, KPMG Business School at KPMG Singapore

- **future of learning and managing knowledge in the future: view from industry**
Samina Rizwan, Vice President, Oracle
- **Future Stories from ADB**
Future digital knowledge solutions in our DMCs. Each speaker will have 5-7 minutes for the presentation.
 - Tech for Impact: Susann Roth, KASC, ADB
 - Digital Health Systems: Kirthi Ramesh, SDCC, ADB
 - Embracing the e-commerce Revolution in Asia and the Pacific, Jong Woo Kang, ERCD, ADB
 - Channeling ADB's Stream of Consciousness, Albert Atkinson, DOC, ADB
- **Artificial Intelligence and Knowledge Management**
Barry Dauber, Vice President for Business Development, primer.ai
- **Data Science Practical Applications**
Stephanie Sy, CEO and Lead Data Scientist, Thinking Machines
- **Future of Learning**
Zhihan Lee, Co-Founder and Group CEO, Bagosphere

Week-long Activities

2-5 September 2019 (Monday to Thursday)

Experiential Learning: Running throughout the week will be activities to get personnel to think about how digital technologies and new approaches could possibly be integrated into their work. Participants will explore the workplace of the future and new-to-them digital technologies. Through these experiences, they will gain a fuller awareness of the possibilities to drive their informed decisions.

- An **Experience Gallery** will feature the six programs of the Digital Agenda, the latest achievements under the Real-time ADB IT reforms, innovations from vendors, a humanoid, and much more (Cafeteria hallway).
- **The Digital Tomorrow Studio** will showcase initiatives to give personnel the opportunity to understand how AI, robotic process automation, and other digital technologies can be used in their work to boost their productivity (Auditorium A).

ADB-AIM Hackathon

31 August - 1 September 2019 (Saturday to Sunday) Multifunction Halls 1-3

Startup teams work to develop solutions for three challenges:

- **ADB Pay:** Provide ADB employees with digital wallets to make fast and convenient cashless transactions within ADB and beyond.
- **Digital Skills for Today's Workforce:** Accelerate transformation through digital fitness.
- **Future-Proofing for the Water Crisis:** Solving water-related issues ranging from water conservation, floods and beyond.

Hackathon is made possible through the support of AIM, Oracle, and Finastra.

Solutions will be pitched on Monday afternoon in the Auditorium.