ASIA-PACIFIC REGIONAL FORUM ON E-GOVERNMENT,
SMART CITIES, AND DIGITAL SOCIETIES FOR SUSTAINABLE DEVELOPMENT
19-20 AUGUST 2015, CRYSTAL ROOM B, PLAZA ATHÉNÉE
BANGKOK HOTEL, THAILAND

2ND CIO CONFERENCE: ADVANCING E-GOVERNMENT FOR SUSTAINABLE DEVELOPMENT IN ASIA AND THE PACIFIC
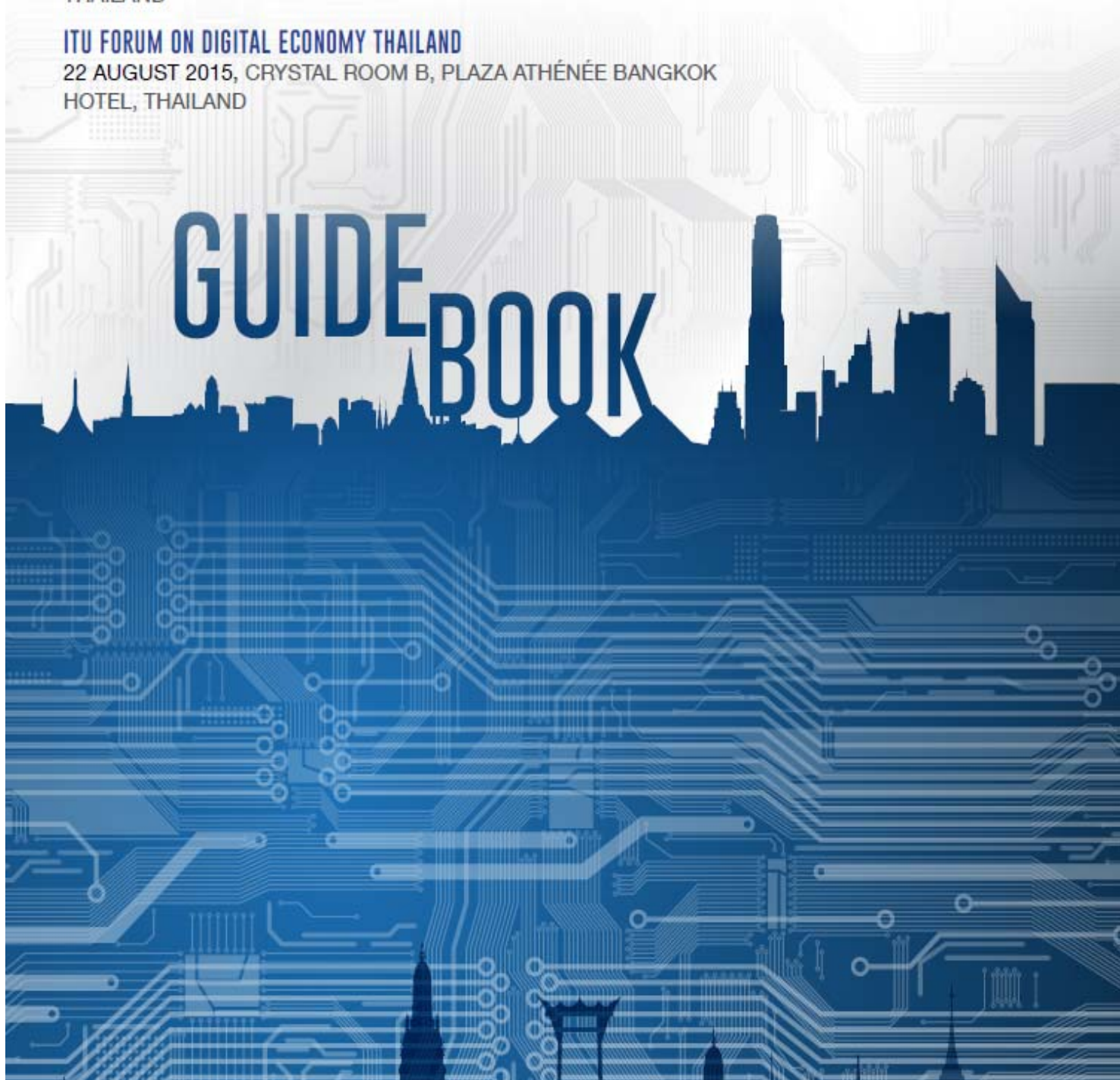20 AUGUST 2015, LONDON ROOM 1, PLAZA ATHÉNÉE BANGKOK HOTEL, THAILAND

ITU ASIA-PACIFIC REGIONAL DEVELOPMENT FORUM 2015: SMARTLY DIGITAL ASIA-PACIFIC
21-22 AUGUST 2015, GRAND HALL, PLAZA ATHÉNÉE BANGKOK HOTEL, THAILAND

ITU FORUM ON DIGITAL ECONOMY THAILAND
22 AUGUST 2015, CRYSTAL ROOM B, PLAZA ATHÉNÉE BANGKOK HOTEL, THAILAND

GUIDEBOOK

ICT Applications and e-Government

Technologies especially information and communications technologies (ICTs) are transforming the world to the digital societies / digital economies and changing ways people lives and interact among others than ever. The growth of mobile and next-generation software, cloud computing, the Internet of Things, social media and big data, among others, are greatly making impact on human's behavioral change as well as how organisations do businesses. Public administrations are not excluded. Governments worldwide are transforming their administrations and public services harnessing the power of ICTs thereby enabling electronic services to their citizens more effectively and efficiently. E-Government, among other ICT applications such as e-Commerce, e-Education, e-Health, e-Environment, etc. are seen as enablers for development, as they provide an efficient channel to deliver a wide range of basic services in urban and rural areas and in various sectors. E-government can also support sustainable development by promoting effective and efficient public service delivery to all people ensuring transparency, participation, collaboration.

Smart Cities

While world population is growing, cities are becoming more crowded and congested. Projections suggest that the number of people living in cities will account for 70 per cent of the global population by 2050. In 2007, for the first time in history, the number of people living in cities was larger than the number living in rural areas. Pressure is intensifying on natural resources and on city services such as sanitation and health care, while cities alone consume three-quarters of energy produced. In order to meet the needs associated with an increasing urban population, cities require innovative approaches to improve the efficiency of all aspects of their operation (for example, public services, buildings and transport), while ensuring a higher quality of life for their inhabitants. This calls for a new, more efficient city model — the smart sustainable city.

ABOUT THE FORUM

The International Telecommunication Union (ITU) organizes the **Asia-Pacific Region Forum on "e-Government, Smart Cities, and Digital Societies for Sustainable Development"** which is hosted by the Ministry of Information and Communication Technology, the Government of Kingdom of Thailand; and is organized in collaboration with the United Nations Project Office on Governance (UNPOG) and the World e-Governments Organization of Cities and Local Governments (WeGO) and with support from the Department of Communications, Australian Government. The Forum is held at Plaza Athénée Bangkok Hotel from 19-20 August 2015 which will be followed by the ITU Regional Development Forum for the Asia-Pacific Regional on "Smartly Digital Asia-Pacific" during 21-22 August 2015 at the same venue.

DAY 1: WEDNESDAY 19TH AUGUST 2015

07:00-09:00   REGISTRATION

09:00-09:45   OPENING

- Welcome Remarks by Mr. Jae-Hong Lim, Head, UNPOG/DPADM/UNDESA
- Welcome Remarks by Mr. Brahima Sanou, Director, Telecommunication Development Bureau (BDT), ITU
- Opening Remarks by H.E. Mr. Pornchai Rujiprapa, Minister of Information and Communication Technology, Government of Kingdom of Thailand

09:45-10:00   KEYNOTE

- Mr. Song, Hee Joon, Chairman, Prime Minister's Government 3.0 Committee, Republic of Korea

10:30-12:00

SESSION 1: ICT AND E-GOVERNMENT FOR SUSTAINABLE DEVELOPMENT

With the rapid development of information and communication technologies (ICT) and their mainstreaming into everyday life, the link between these technologies and human development has never been clearer. It has therefore become necessary to consider the development of an inclusive information society in the broader context of the Post-2015 Development Agenda that will succeed the United Nations Millennium Development Goals (MDGs). Governments are encouraged to implement appropriate national strategies and policies that make information and communication technologies enablers for social and economic development, and to promote enabling regulatory and legal environments that spur investment to facilitate ICT for development.

This session will examine: how ICTs can best be leveraged to support sustainable development and especially achieving the proposed Sustainable Development Goals (SDGs) to be adopted in September this year; What is the role of the different stakeholders in the process, from design to implementation of the new development goals? The session is also aimed at discussion on trends in e-government development framework.

Moderator: Mr. Brahima Sanou, Director, Telecommunication Development Bureau (BDT), ITU

- Hon. Mohamed Ashmalee, Minister of State for Finance and Treasury, Maldives

- Mr. Ioane Koroivuki, Regional Director, ITU Regional Office for Asia and the Pacific

- Ms. Shamika Sirimanne, Director, Information and Communications Technology and Disaster Risk Reduction Division, UNESCAP

12:00-13:30   Lunch Break hosted by MICT Thailand at Crystal Hall A

13:30-15:30

SESSION 2A: PUBLIC POLICIES AND STRATEGIES FOR DIGITAL SOCIETIES & PUBLIC ADMINISTRATIONS

E-government is not just about technical innovation, but it is about government reform and good governance, focusing on the needs of the public sector on the one hand, and citizens and businesses on the other hand, thus making sure that ICT is exploited to transform the internal operations within governmental bodies and the way of interactions between the public and private sectors.

Designing policies and strategies for e-Government and Smart Cities therefore requires a holistic, articulated approach that is not solely based on technological and infrastructural aspects, but primarily on improving the citizen's well-being. New technology needs to be complemented by intelligent management and strategists will need to define how technologies and the information collected will be used.

This session will look at various country cases in adopting ICTs for public administration and services at both national and city/municipality levels. It will explore ways how all citizens can benefit from the social and economic opportunities brought by the digital economy. For digital opportunities to fully materialize in today's increasingly complex and pervasive environment, an adaptive, consultative and innovative approach to regulation is more than ever required. But what kind of policy, regulation, and legislation are needed to close the digital gap? Regulators, policy makers, and industry leaders will share their views, engage in interactive discussions and identify best practices moving forward.

Moderator: Mr. Ioane Koroivuki, Regional Director, ITU Regional Office for Asia and the Pacific

- Ms. Nantawan Wongkachonkitti, Vice President of Innovation Department, Electronic Government Agency of Thailand

- Mr. KIM, Seung-su, Director General of Creative Government, Planning Bureau, Ministry of Government Administration and Home Affairs

- Ms. Clare Chapple, Policy and Strategy, Digital Innovation Branch, Digital Productivity Division, Department of Communications, Australia

- Mr. Louis Napoleon Casambre, Undersecretary and Executive Director, Information and Communication Technology Office, Department of Science and Technology, Philippines

16:00-17:30   SESSION 2B: PUBLIC POLICIES AND STRATEGIES FOR DIGITAL SOCIETIES & PUBLIC ADMINISTRATIONS

Issues, challenges, and opportunities are also expected to be discussed. Open Government Data (OGD), for instance, has become a trend in a number of countries in recent years. Stakeholders, however, still lack a clear understanding of the potential benefits of the OGD in terms of holding governments transparent and accountable, as well as promoting spill-over social and economic outcomes. Further, one of the emerging challenges of OGD is to design and implement new metrics for benchmarking governments' performance to ensure that citizen engagement can be monitored and OGD initiatives can thereby be improved.

Moderator:

- Mr. Paula Ma'U, CEO, Ministry of Communications, Tonga

- Mr. Khemera Mok, Director, E-Government Department, Ministry of Posts and Telecommunications

- Austin Menyasz, Policy Advisor for Asia Pacific, GSMA

DAY 2: THURSDAY 20TH AUGUST 2015

08:30-10:30
SESSION 3: SMART SUSTAINABLE CITIES

The concept of the smart city emerged more than a decade ago, and a number of cities in the world have jumped on the smart city bandwagon, labelling themselves "smart" in some way or another. But rapid urbanization and the obvious need to develop a sustainable model to support anticipated population growth in cities have led the international community to adjust its thinking to take into account not only advancements in technology, but also concerns about resources, inclusiveness and resilience for the creation of "smart *and* sustainable cities".

The session is aimed to help planners and policy-makers realize the vision of smart sustainable cities that are inclusive, open, resilient and competitive; using the capacity of ICT not only for the well-being of urban inhabitants, but also to make cities more eco-friendly for the sustainability of societies.

Moderator: Mr. Frederick Lim, Advisor, World e-Governments Organization of Cities and Local Governments (WeGO)

- Hon. Pablo Campos Ortega, Mayor, San Fernando La Union, Philippines

- Mr. Udaya Bahadur Ranamagar, Executive Officer, Pokhara Sub-Metropolitan Municipality

- Mr. Ki-bo Shim, Deputy Mayor, Seongnam City, Korea

- Mr. Hoai Duc Nguyen, Head of IT Division, Department of Information and Communication, Da Nang City, Vietnam

- Mr. Namgyu Kim, Chief Director, Korea Small & Medium IT Business Export Cooperative (KOSMIC)

10:30-11:00   Coffee Break hosted by MICT Thailand

11:00-12:00   SESSION 4: INTERNET OF THINGS IN SMART CTIES

After more than a decade of debate, discussion and anticipation, the 'Internet of Things' (IoT) may finally have arrived. According to the ITU Internet Report, 2005, IoT and our hyper-connected world encompasses a set of technological advances from different fields. Advances in these technologies, taken together, could help realize a miniaturized, automated Internet of connected devices communicating regularly and relatively effortlessly through real-time updates in a fully connected environment.

This session is aimed to prepare decision makers, policy makers and regulators, industry leaders, and ICT stakeholders to cope with challenges and issues, while being ready to grasp opportunities brought by the new technologies.

12:00-13:30   Lunch Break hosted by MICT Thailand at Level 03

13:30-15:30   SESSION 5A: CYBERSECURITY

One of the most sensitive issues on information sharing lies in the possibilities of an invasion of personal information and weak network security. Hence, the importance of building confidence and security in the use of ICT was emphasized, notably to protect personal data and privacy and to strengthen the security and robustness of networks..

This session will focus on principles, frameworks, technology options, and good practices on safeguarding security and privacy in the cyber world especially in digital public services whereby drawing experiences and lessons learned from various countries.

Moderator:

- Mr. Rajnesh Singh, Regional Director of the Asia-Pacific Regional Bureau Internet Society (ISOC)

- Prof. Dr. Marco Gercke, Director, Cybercrime Research Institute

- Mr. Jia-Rong Low, Global Stakeholder Engagement Senior Director, Asia Internet Corporation for Assigned Names and Numbers (ICANN)

- Mr. Subhendu Sahu, Channel Sales Director for ASEAN, Symantec

15:30-16:00   Coffee Break hosted by MICT Thailand

16:00-17:30   SESSION 5B: CYBERSECURITY & TECHNOLOGY TRENDS

Moderator:

- Mr. Philip Cronin, Director, Intel Asia Pacific & Japan

- Mr. Chatchai Techatanopajai, Solution Representative, Thailand Enterprise Business Department, Huawei

- Mr. William Tse, Strategic Engagement Director, GSMA

17:30-17:45   CLOSING

- Closing Remarks by Mr. Ioane Koroivuki, Regional Director of ITU Regional Office for Asia and the Pacific
- Closing Remarks by Ministry of Information and Communication Technology, Thailand

IN PARTNERSHIP WITH

PLATINUM SPONSOR

GOLD SPONSORS

ITU IS BORN By the middle of the 19th century, the telegraph was transforming communications – and society – across Europe and North America, as well as extending its reach around the world. However, barriers and bottlenecks could occur when a message had to cross from one national jurisdiction to another. To overcome this, agreements began to be made between countries, and, in 1865, twenty European States signed a treaty to harmonize telegraph services. This was the origin of ITU.

ITU's 150th ANNIVERSARY This year, 2015, marks the 150th anniversary of the International Telecommunication Union. Established in 1865, ITU has reaffirmed its reputation worldwide as one of the most resilient and relevant organizations and continues its work as the specialized agency of the United Nations, and its oldest member, dealing with state-of-the-art telecommunications and information and communication technologies.

ITU150 NIGHT

On the occasion of the ITU Regional Forum on e-Government, Smart Cities and Digital Societies for Sustainable Development on 19 – 20 August 2015 and ITU Asia-Pacific Regional Development Forum on 21 – 22 August 2015,

Ministry of Information and Communication Technology of Thailand and The International Telecommunication Union (ITU)

request the pleasure of your company at

a Gala Dinner - **"ITU150 NIGHT"** *to celebrate ITU's 150th Anniversary on* **Thursday 20 August 2015 at 19.00 hrs.**

at Crystal Hall, Plaza Athénée Hotel, Bangkok

2ⁿᵈ CIO Conference

Advancing E-Government for Sustainable Development in Asia and the Pacific

Organized by UNPOG/DPADM/UNDESA at London Room 1, Plaza Athénée Bangkok Hotel, Thailand

THURSDAY 20ᵗʰ AUGUST 2015

09:00-09:30 OPENING SESSION

- **Opening Remarks** by Mr. Jae-Hong Lim, Head, UNPOG/DPADM/UNDESA
- **Keynote Speech** by Dr. Song, Hee Joon, Chairman, Prime Minister's Government 3.0 Committee, Republic of Korea

09:30-10:00 Group Photo and Coffee Break hosted by MICT Thailand

10:00-12:00 SESSION 1: EMERGING ISSUES AND TRENDS OF E-GOVERNMENT DEVELOPMENT AND INNOVATIVE PRACTICES

Chair: Mr. Nisar Ahmed Ali, Member of Information Technology and Computing Services (ITCS) Steering Committee, Fiji

Rapporteur: Mr. Changrok Yun, Associate Capacity Development Expert, UNPOG/DPADM/UNDESA

- Overview of E-Government Development from a Global Perspective by Mr. Keping Yao, Governance and Public Administration Expert, UNPOG/DPADM/UNDESA
- **Country Presentation: China**, by Ms. Liu Mixia, Associate Professor, E-Government Research Center, China Academy Governance (CAG)
- **Country Presentation: Philippines**, by Mr. Denis F. Villorente, Deputy Executive Director for e-Government, Information and Communications Technology Office, Department of Science and Technology (DOST)
- **Country Presentation: Bangladesh**, by Mr. Shyam Sunder Sikder, Secretary, Information and Communication Technology Division, Ministry of Posts, Telecommunications and Information Technology
- **Country Presentation: Tonga**, by Mr. Paula Pouvalu Ma'u, Chief Executive Officer and Secretary (Information and Communications), Ministry of Information and Communications (MIC)

Discussion on Innovative E-Government Practices

12:00-13:30 Lunch Break hosted by MICT Thailand

13:30-15:00 SESSION 2: LEADERSHIP ROLE OF CIOs FOR POLICY INTEGRATION AND INSTITUTIONAL COORDINATION

Chair: Mr. Leewood Phu, Advisor to the Cambodian Government, GCIO, and Former Secretary General of National Information Communication Technology Development Authority (NiDA), Cambodia

Rapporteur: Ms. Hyunjung Kim, Associate Research and Policy Development Expert, UNPOG/DPADM/UNDESA

- Role of CIO in Setting E-Vision and E-Strategies to be in Alignment with National Development Strategies by Mr. Keping Yao, Governance and Public Administration Expert, UNPOG/DPADM/UNDESA
- **Country Presentation: New Zealand**, by Mr. Alan Bell, Principal Advisor, Service and System Transformation, Department of Internal Affairs
- **Country Presentation: Afghanistan**, by Mr. Muhammad Aimal Marjan, Deputy Minister of Information Technology, Ministry of Communications and Information Technology (MCIT)
- **Country Presentation: Brunei**, by Mr. Adi Shamsul Bin Haji Sabli, Deputy Permanent Secretary (IT and E-Government), Prime Minister's Office

Discussion on Leadership Role of CIOs in E-Government Development for Advancing Sustainable Development

15:00-15:30 Coffee Break hosted by MICT Thailand

15:30-17:00 SESSION 3: UNIFORM E-GOVERNMENT FRAME AND INTEROPERABILITY FOR INSTITUTIONAL INTEGRATION

Chair: Ms. Nantawan Wongkachonkitti, Vice President of Innovation Department, Electronic Government Agency (EGA), Thailand

Rapporteur: Mr. Changrok Yun, Associate Capacity Development Expert, UNPOG/DPADM/UNDESA

- Uniform E-Government Frame and Interoperability for Institutional Coordination by Mr. Keping Yao, Governance and Public Administration Expert, UNPOG/DPADM/UNDESA
- **Country Presentation: Republic of Korea**, by Ms. Eunju Kim, Director of Information Resource Service, National Information Society Agency (NIA)
- **Country Presentation: Malaysia**, by Ms. Siti Hanom Marjuni, Senior Principal Assistant Director, Malaysian Administrative Modernisation and Management Planning Unit (MAMPU)
- **Country Presentation: Sri Lanka**, by Mr. Kanchana Thudugala, Programme Head, eServices, Re-engineering Government Programme, Information and Communication Technology Agency (ICTA)

Discussion on Interoperability for Vertical and Horizontal Integration within Public Sector

17:00-17:30 CLOSING SESSION

- **Vote of Thanks** by Mr. Mohamed Ashmalee, Minister of State for Finance and Treasury, Maldives
- **Closing Remarks** by Mr. Jae-Hong Lim, Head, UNPOG/DPADM/UNDESA

The ITU Regional Development Forum "Smartly Digital Asia-Pacific" aims to share and discuss the achievements, experiences, work programs and partnerships amongst ITU Members and interested partners for effective implementation of World Telecommunication Development Conference and Connect Asia-Pacific Summit 2013 outcomes. In particular, the Forum seeks to

- Share best practices and past experiences in implementation of the ITU Asia-Pacific Regional Initiatives 2011-2014, associated ITU programs, initiatives, partnerships and projects;
- Follow up on the progress of the Connect Asia-Pacific Summit 2013 outcomes which has the following priority areas:
    o Investing in ICT Infrastructure
    o Stimulating Innovation and Creative Use of ICT
    o Encouraging Innovative Public-Private Partnership
    o Promoting Sustainable development through ICT
    o Fostering Digital Inclusion
    o Achieving digital literacy and building human and institutional capacity
- Discuss the implementation of the ITU Asia-Pacific Regional Initiatives (2015-2018) and the partnership opportunities inter-alia new ITU Strategic Plan; ITU Asia-Pacific Regional Initiatives (2015-2018) are as follows:
    o Special Consideration For LDCs*, SIDSs**, Including Pacific Island Countries, And Landlocked Developing Countries
    o Emergency Telecommunications
    o Harnessing The Benefits Of New Technologies
    o Development Of Broadband Access And Adoption Of Broadband
    o Policy And Regulation

The Forum has detailed sessions to focus on particular goals and tasks, distinctively outline the partners concerned, and discuss possible projects. The Forum also has tracks dedicated to digital financial inclusion, ICT applications, human capacity building, Green ICTs.

DAY 1: FRIDAY 21st AUGUST 2015

08:00-09:30 REGISTRATION

09:30-09:45 OPENING

- Welcome Remarks by Mr. Brahima Sanou, Director, Telecommunication Development Bureau (BDT), ITU
- Welcome Remarks by Ms. Areewan Haorangsi, Secretary General, Asia-Pacific Telecommunity (APT)
- Opening Remarks by Mrs Songporn Komolsuradej, Permanent Secretary, Ministry of Information and Communication Technology, Thailand

10:15-11:30   SESSION 1: ASIA-PACIFIC ICT DEVELOPMENT 2011-2014

The Session will present results of the implementation of the programs, projects and partnerships under the ITU Asia-Pacific Regional Initiatives approved by WTDC-10

Chairperson: Mrs Songporn Komolsuradej, Permanent Secretary, Ministry of Information and Communication Technology, Thailand

- Setting the Regional Context , ITU Regional Office for Asia and the Pacific *by Mr. Ioane Koroivuki, Regional Director, ITU Regional Office for Asia and the Pacific*
- Unique ICT needs for least developed countries (LDCs), Small Island developing States (SIDS) and landlocked developing countries *by Mr. Wisit Atipayakoon, Programme Officer, ITU Regional Office for Asia and the Pacific*
- Emergency Telecommunications by Mr. Wisit Atipayakoon, Programme Officer, ITU Regional Office for Asia and the Pacific
- Digital Broadcasting *by Ms. Sireerat Bunnag, Programme Officer, ITU Regional Office for Asia and the Pacific*
- Broadband Access and Uptake in Urban and Rural areas *by Mr. Sameer Sharma, Senior Advisor, ITU Regional Office for Asia and the Pacific*
- Telecommunications/ICT Policy and Regulation in the Asia-Pacific Region *by Ms. Aurora Rubio, Head, ITU Area Office for South East Asia*

11:30-12:30   SESSION 2: SMARTLY DIGITAL ASIA-PACIFIC: THE NEXT FOUR YEARS DEVELOPMENT AGENDA

This Session will present key decisions of WTDC-14 aimed at Smartly Digital Asia-Pacific for the period of 2015-2018. In particular, the Session will cover outcomes of WTDC-14, including the ITU-D Strategic Plan, Asia-Pacific Regional Initiatives, ITU-D global initiatives, Asia-Pacific Centres of Excellence amongst others.

Chairperson: Mr. Brahima Sanou, Director, Telecommunication Development Bureau (BDT), ITU

- Key Results of WTDC-14 and the ITU-D Strategic Plan from 2016-2019 *by Dr. Bohyun Seo, Vice Chairman, TDAG*
- Empowering Development and Smart Sustainable Development Model Initiative (SSDM) *by Mrs. Donna Bethea Murphy, Member of Advisory Board, SSDM*
- Supporting m-Powering development *by Mr. Philip Cronin, Director, Intel Asia Pacific & Japan*
- The ITU Asia-Pacific Centre of Excellence: Experiences and implementation of the new Strategy *by Ms. Kalaya Chinatiworn, Chairman, ITU Asia-Pacific CoE Steering Committee*

12:30-14:00   Lunch Break hosted by MICT Thailand

14:00-15:30   SESSION 3: SPECIAL CONSIDERATION FOR LDCS, SIDS INCLUDING PACIFIC ISLANDS COUNTRIES AND LANDLOCED DEVELOPING COUNTRIES

Session 3 will present possible ways of the implementation of the project(s)/initiatives on special consideration for least developed countries, small island developing states, including Pacific island countries, and landlocked developing countries for the Asia-Pacific Region under the regional initiatives approved by WTDC-14. In particular, the Session will present potential partners and expected results.

Chairperson: Mr. Ioane Koroivuki, Regional Director, ITU Regional Office for Asia and the Pacific

- E-Government Development for SIDS *by Mr. Jae-Hong Lim, Head, United Nations Project Office on Governance (UNPOG)*
- APT projects and initiatives in the Pacific Islands Countries *by Mr. Kondo Masanori, Deputy Secretary General of Asia-Pacific Telecommunity (APT)*
- Outcome of the Pacific Ministerial Meeting 2015 *by Mr. Paula Pouvaly Ma'U, CEO, Ministry of Communication, Tonga*
- Impact of Global Warming and Climate Change to SIDS *by Mr. Ilyas Ahmed, Chief Executive, Communications Authority of Maldives*

15:30-15:45   Coffee Break hosted by MICT Thailand

15:45-17:15   SESSION 4: EMERGENCY TELECOMMUNICATIONS

Session 4 will present ways of the implementation of the projects/initiatives on Emergency telecommunications under the regional initiatives approved by WTDC-14. The objective of the Emergency telecommunications initiative in particualr is to provide assistance to Member States at all phases of disaster management, i.e. disaster preparedness including early warning, disaster response/relief and rehabilitation of telecommunication networks.

Chairperson: Mr. Louis Napoleon Casambre, Undersecretary and Executive Director Information and Communication Technology Office, Department of Science and Technology Philippines

Speakers:

- Disaster Management Experience in The Philippines *by Dir. Raul Nilo, ICT Office's Systems and Infrastructure Management Service (SIMS)*
- Disaster Management Experience in Nepal *by Mr Ananda Raj Khanal, Director, Nepal Telecommunications Authority*
- ESCAP Emergency Communications and Disaster Management Framework *by Mr. Matthew Perkins, Economic Affairs Officer, ICT and Development Section, ICT and Disaster Risk Reduction Division, ESCAP*
- Satellite Communications in Emergencies *by Mrs. Donna Bethea Murphy, Senior Vice President, Inmarsat*

DAY 2: SATURDAY 22nd AUGUST 2015

09:30-10:45   SESSION 5: HARNESSING THE BENEFITS OF NEW TECHNOLOGIES

Session 5 will present ways of implementation of projects/initiatives on harnessing the benefits of new technologies under the regional initiatives approved by WTDC-14. The objective under this regional initiative is to assist ITU Member States in utilizing new technologies and address human and technical capacity challenges related to issues.

Chairperson: Mr. Ziping Liu, Deputy Director General, Ministry of Industry and Information Technology, P.R. China

- Experiences on the potential of broadband mobile to realize smart society *by Mr. Rajeev Bawa, Acting Chief Corporate Affairs Officer for DTAC and Telenor Group Chief Representative for India*
- Transition from IPv4 to IPv6 *by Mr. Duncan Macintosh, Development Director, APNIC*
- Harnessing new technologies for Smart Society *by Mr. Guillaume Mascot, APAC Public Affairs Director, Alcatel-Lucent Asia-Pacific*
- New Technologies (tbc) *by Mr. Peter Macaulay, President, FTTH Council*
- Deployment of next-generation network infrastructure using innovations for cost effective uptake of broadband in urban areas *by Mr. Angus Davis, Chief Strategy Officer, CCI Family of Companies, USA*

10:45-11:00   Coffee Break hosted by MICT Thailand

11:00-12:30   SESSION 6: DEVELOPMENT OF BROADBAND ACCESS AND ADOPTION OF BROADBAND

Session 6 will present ways of implementation of projects/initiatives on development of broadband access and adoption of broadband under the regional initiatives approved by WTCD-14. In particular, the Session will identify potential partners and details of expected results. The objective of the initiative is to assist the ITU Member States of the Asia-Pacific region for development of broadband access in urban and rural areas and to support system construction to resolve social issues leveraging the benefits of telecommunication/ICT applications.

Chairperson: Ms. Suvi Linden, Former Special Envoy for the Broadband Commission and Advisor

- National broadband policies to meet the requirements of developing countries *by Mr. Kiyoung Ko, Vice President and Head of the Global ICT Policy and Investment Unit, Korea Telecom, R O Korea*
- Development of telecommunication/ICT applications that can support multilingualism and address local needs *by Mr. Eric Stephens, Chief Technology Officer, Public Sector Asia-Pacific, Microsoft*
- Turning mobile growth into broadband success: Case Study of Pakistan *by Dr. Syed Ismail Shah, Chairman, Pakistan Telecommunication Authority, Pakistan*
- Making Transportation Smarter – Case Study Bangkok *by Mr. Chris Zull, Spectrum Director, Asia Pacific*
- Deployment of cost-effective e-health services in rural and remote areas, thereby reducing operational and administrative costs *by Dr. Nizam Uddin Ahmed, CEO, Ethics Advanced Technology Ltd Bangladesh*
- Developing e-Agriculture Strategies in Asia-Pacific: *by Mr. Gerard Sylvester, Knowledge and Information Management Officer, Food and Agriculture Organization of the United Nations (FAO)*

12:30-13:30   Lunch Break hosted by MICT Thailand

13:30-14:30   SESSION 7: POLICY AND REGULATION

Session 7 will present ways of implementation of the projects/initiatives on policy and regulation under the regional initiatives approved by WTDC-14. In particular, the Session will identify potential partners and details of expected results. The objective of the initiative is to assist the ITU Member States from Asia-Pacific region in developing appropriate policy and regulatory frameworks, enhancing skills, increasing information sharing and strengthening regulatory institutions and cooperation. The session includes discussion on the WTDC-14 priority area of Programme 1 i.e. Spectrum Management.

Chairperson: Ms. Clare Chapple, Assistant Director, Policy and Strategy, Digital Innovation Branch, Digital Productivity Division, Department of Communications, Australia

- Development of appropriate policy, regulatory and legislative frameworks relating to the regional initiatives *by Dr. Kan Channmeta, Secretary of State, Ministry of Posts and Telecommunications, Kingdom of Cambodia*
- Preparing for the Changing Rules of the Game *by Dr Syed Ismail Shah, Chairman, Pakistan Telecom Authority (PTA), Pakistan*
- Forging Public-Private Partnerships in ICT Development *by Mr. Louis Napoleon Casambre, Undersecretary, Information and Communication Technology Office, Department of Science and Technology, Philippines*

14:30-15:30   SESSION 8: DIGITAL FINANCIAL INCLUSION

Session 8 will discuss the opportunities, challenges and opportunities on Digital Financial Inclusion

Chairperson: Mr. Ilyas Ahmed, Chief Executive, Communications Authority of Maldives

- Promoting Digital Financial Inclusion through Partnerships, Interoperability and Security *by Mr. Sashi Raghunandan, Vice President, Mobile Money and Personal Payment Solutions, MasterCard*
- Developing an m-Commerce Ecosystem for Financial Empowerment and Inclusion *by Mr. Theo Cosmora, Founder & CEO, SocialEco Ltd., United Kingdom*
- Innovative Financial Inclusion Policy and Regulatory Solutions *by Mr. Sacha Polverini, Senior Programme Officer, Gates Foundation*

15:30-15:45   Coffee Break hosted by MICT Thailand

15:45-16:15   ROUNDTABLE: IMPLEMENTATION OF THE REGIONAL INITIATIVES AND IMPLEMENTATION OF CONNECT ASIA-PACIFIC SUMMIT IN THE CONTEXT OF SMARTLY DIGITAL ASIA-PACIFIC

Chairperson: Mr. Ioane Koroivuki, Regional Director, ITU Regional Office for Asia and the Pacific

16:15-16:30   CLOSING

- Closing Remarks by Ministry of Information and Communication Technology, Thailand
- Closing Remarks by Mr. Brahima Sanou, Director, Telecommunication Development Bureau (BDT), ITU

SUPPORTED BY

Australian Government

Department of Communications

The Royal Thai Government has pledged to promote the digital economy in order to modernize the country for the benefit of all aspects of the Thai economy recognizing that digital technologies enable people all over the world to connect without borders and to have easier and quicker access to information through the Internet. Thailand's digital economy and society framework is based on five supporting pillars.

1) **Hard Infrastructure:** focuses on reliable networks with enough capacity, coverage and suitable pricing are prerequisite to economic and social development. The national broadband initiative proposes to pool together existing network resources that belong to state enterprises, government agencies, as well as private companies for more efficient resource planning and usage. Moreover, hard infrastructure also aims to increase investments in data centers as well as to increase international gateway capacity.

2) **Service Infrastructure:** refers to infrastructure that enables service innovations in both government and business sectors. This pillar promotes service platforms that will allow data from multiple sources to be linked and mashed-up to create innovative services. Government data will be open and integrated through government service platform with the goal to provide paperless, one-stop, citizen-centric services. For example, this will eliminate traditional requirements of using hard copies of citizen ID and house registration.

3) **Soft Infrastructure:** refers to the underlying processes to guarantee secure and trusted digital transactions. New laws and regulations are being created, while the existing ones are being updated — especially to improve user privacy protection and data security. In addition to electronic transaction promotion, this pillar also addresses trade facilitation with an electronic document exchange system.

4) **Digital Economy Promotion:** aims to boost the Thai economy through a vibrant digital business ecosystem. Digital technologies will transform how Thai businesses of all sizes operate— especially the SMEs, from competing for prices to creating new value for products and services that will satisfy customers. Digital commerce as well as digital marketing are important tools to bring the SMEs and OTOP products into market. Also, capacity building in the area of digital entrepreneurship, e-commerce, and digital marketing are necessary to achieve a long-term economic growth.

5) **Digital Society Promotion:** In order for Thailand to become a digital society, everyone — especially the less privileged groups — should have easy access to information as well as public services via digital means. Such equal access can be achieved by means of universal design and digital inclusion projects. In addition, it envisions a digital society where all citizens can learn throughout life and also become media and information literate.

Forum & Objectives

The Ministry of Information and Communication Technology, the Government of Kingdom of Thailand and the International Telecommunication Union (ITU) are jointly organizing "ITU Forum on Digital Economy Thailand" to be held on 22nd August 2015 at Plaza Athénée Bangkok Hotel, in conjunction with the ITU Regional Development Forum 2015.

The ITU Forum on Digital Economy Thailand is aimed to:

- Share countries' experiences in promoting digital society and economy from various aspects;
- Promote the Thai government's efforts in stimulating social and economic development through the use of telecommunications and ICTs;

- Provide a platform for people networking thereby exchanging knowledge and experience.

SATURDAY 22 AUGUST 2015

08:00-09:30   REGISTRATION

09:30-09:45   OPENING

- Welcome Remarks *by Mr. Ioane Koroivuki, Regional Director of ITU Regional Office for Asia and the Pacific*
- Opening Remarks by Mrs Songporn Komolsuradej, Permanent Secretary, Ministry of Information and Communication Technology, Thailand

09:45-10:15   Group Photo and Coffee Break hosted by MICT Thailand

10:15-12:15   SESSION 1: INTERNATIONAL PRACTICE IN PROMOTING DIGITAL ECONOMY
                    (conducted in English with Thai translation)

Moderator: Mr. Wisit Atipayakoon, Programme Officer, ITU Regional Office for Asia and the Pacific

- Ms. Clare Chapple, Policy and Strategy, Digital Innovation Branch, Digital Productivity Division, Department of Communications, Australia
- Speaker of the Republic of Korea
- Mr. Scott Minehane, Principal, Windsor Place Consulting
- Mr. Peter Lovelock, Director Technology Research Project Corporate (TRPC)

Panel Discussion

12:15-13:30   Lunch Break hosted by MICT Thailand

13:30-15:45   SESSION 2: THAILAND THE DIGITAL ECONOMY
                    (conducted in Thai with English translation)

Moderator:

- Hard infrastructure
- Soft infrastructure
- Service infrastructure
- Digital economy promotion
- Digital society promotion

Panel Discussion

15:45-16:00   CLOSING

- Closing Remarks by International Telecommunication Union (ITU)
- Closing Remarks by Ministry of Information and Communication Technology, Thailand

16:00   Refreshments hosted by MICT Thailand

For more information about the events, visit

Asia-Pacific Regional Forum on e-Government, Smart Cities, and Digital Societies for Sustainable Development 2015

ITU Asia-Pacific Regional Development Forum 2015 (RDF-2015)

ITU Forum on Digital Economy Thailand