ITU-SUDACAD Forum on Use of ICTs for Transition to Smart and Sustainable Development in Arab region

Khartoum, Sudan 12-13 December 2016
Corinthia Hotel

Background:

Today the ICT is playing a crucial role in creating a sustainable world, green sustainable resource efficient economy, e-waste, smartest sustainable cities and environmental protection. ICT provide efficient mechanism for climate change, disaster management, prevention and early warning to help save lives and reduce the devastating effects of the changing climate. Therefore, the ICT is a profound reason for optimism, since the rapid development of ICT-based technologies, and systems

The overall objective of this Forum is to raise awareness on the role of ICT as a tool and an enabler for three key pillars of sustainable development (economic development, social inclusion and environmental protection) and as a key catalysts for achieving the Sustainable Development Goals (SDGs).

Day One, Monday 12 December 2016	
08:00-09:00	**Registration**
09:00-10:00	Opening Remarks - Dr. Cosmas Zavazava, Chief, Project and Knowledge Management Dept. ITU-BDT - Eng. Tarek Hamza – CEO, SUDATEL TELECOM GROUP - Dr. Tahani Abd Allah Attia, MINSTER, Ministry of Communications & Information Technology - Vice President – REPUBLIC OF SUDAN
10:00-10:15	Forum Group Photo and Coffee break
10:15-11:15	**Keynote Presentations**
	PART I: United Nations Sustainable Development Goals (SDGs) This part will give an overview on the 17's United Nations Sustainable Development Goals (SDGs) and mapping the ICs role in the SDGs. **PART II: The ITU Smart Sustainable Development Model (SSDM)**

	This session is to present the ITU BDT Director's initiative on Smart Sustainable Development Model Initiative (SSDM), which aims to ensure that information and communication technologies are used for both development and for disaster management/prevention with the aim of improving the lives of millions of people across the globe. Speakers: - Dr. Cosmas Zavazava, Chief, Project and Knowledge Management Dept., ITU-BDT - Dr. Limia Abdelgafar Khalfalla, Secretary General of National Population Council (NPC)-Sudan
11:15-12:30	**SESSION 1**
	ICT Polices and strategies for transition towards smart and sustainable development The objective of this session is to present the guidelines on ICT Policies and Plans for transition to smart and sustainable development and data on countries with successful strategic plans and regulatory framework on use of ICT/Telecom for transition to smart and sustainable development in various sphere. Speakers: - Dr. Muliaro Wafula- ITU Expert - Dr. Abdelazim Mohamed Salih- Chairman of Amsab for Services and Technology Co. Ltd, Sudan
12:30-14:30	Lunch break
14:30-15:30	**SESSION 2**
	Policies/ legislation for ICT generated e-waste management The goal of this session is to discuss the enabling environmental (polices, legislations and the frameworks) that will optimize and standardize the e-waste that results from the use of the ICT equipment's and products in the Arab region. Specifically, the session will discuss the model policies to set out mechanisms to control the import, reuse and or production of ICTs devices and the environmentally processes for the recycling and disposal of mobile phones, computers and other equipment that generates e-waste. Moderator: Eng. Mustafa Al Mahdi - ITU Speakers: - Eng. Mustafa Al Mahdi - ITU - Eng. Wadah Elimam - Project Engineer (ITEA International)

	- Mrs. Shahira Wahbi - Chief Sustainable Development Dept. - League of Arab States (LAS)
15:30-16:30	**SESSION 3**
	ICT for Economy, Capacity Building and Community Regeneration towards promoting sustainable development The aim of this session is to discuss how the Information and communication technologies (ICT) could contribute to the technological progress and productivity growth. The session also will discuss the impact of ICTs Capacity Building and ICTs in the Economy, and the economic benefits of ICTs in terms of growth, market, investment, efficiency, innovation, productivity, trade, employment and demand for sustainable development. Moderator: Eng Atif Hamd - SUDACAD (TBC) Speakers: - Dr. Agnes Mindila - ITU Expert - Eng. Asma Abdalla - Enterprise and Development Manager- Next Step Initiative - Dr. Dirar Elmahi Elobaid Ahmed - College of Business and Economics - Qassim University Kingdom of Saudi Arabia
Day Two, Tuesday 13 December 2016	
09:00-10:00	**SESSION 4**
	IoT, Smart, sustainable and green cities in the Arab region: Towards gradual transformation of Arab cities to smart and sustainable cities The session aims to explore the impact of the future Internet technologies (Internet of Things (IoT)) on Smart Cities, present the main outcomes of the ICT roadmap for the transition to Smart Sustainable Cities in the Arab region. This roadmap framework aims to support the innovation policies and strategies of cities towards becoming "smart". Moderator: Eng. Mustafa Al Mahdi - ITU Speakers: - Eng. Mustafa Al Mahdi - ITU - Dr Abdelazim Mohamed Salih - Chairman of Amsab for Services and Technology Co. Ltd, Sudan - Dr Mustapha BENJILLALI - Associate Professor (INPT-Morocco)- (Remote Speaker)
10:00-11:00	**SESSION 5**

	ICT for Disaster Management This session will discuss the role of ICTs in disaster prevention and/or management and the steps to develop the National Emergency Telecommunication Plans for countries as well as the work of ITU in emergency response. Moderator: Dr Muliaro Wafula - ITU expert Speakers: - Dr Cosmas Zavazava, Chief, Project and Knowledge Management Dept., ITU-BDT - Dr. Agnes Mindila- ITU expert - Mrs. Shahira Wahbi- Chief Sustainable Development Dept. - League of Arab States (LAS)
11:00-11:15	Coffee break
11:15-12:15	**SESSION 6**
	ICT for Climate Change adaptation and mitigation This session is aiming to discuss how Information and Communication Technologies (ICTs) can help people adapt to and mitigate climate change in ways that promote sustainable development. **Moderator:** Dr. Agnes Mindila- ITU expert Speakers: - Dr. Muliaro Wafula- ITU Expert - Eng. Wadah Elimam, - Project Engineer (ITEA International) - Dr Dave Faulkner- ICT and CC expert (Remote Speaker) - Mrs. Nevine Tewfik, Vice Chairman of ITU-T Study Group 5, Climate Change Adaptation (Remote Speaker)
12:15-13:30	Lunch break
13:30-14:15	**SESSION 7**
	ICT for clean and sustainable energy The goal of this session is to discuss the use of ICT to advance energy efficiency for reducing individuals and companies' carbon foot print and eventually improve sustainability. The session will also discuss the different ICT-enabled solutions, ICTs policies, strategies, and key recommendations for members for achieving clean and sustainable energy through using ICTs.

	Moderator: SUDACAD (TBC) Speakers: - Dr. Agnes Mindila- ITU expert - Dr Paolo Gemma, Chairman of Working Party 3, ITU-T Study Group 5 (Remote speaker) - Mr. Flavio Cucchietti, Telecom Italia (Remote speaker)
14:15-15:45	**ITU- Next Step Initiative - Mini Workshop:** **The roadmap to thriving SDG's: Community sustainability through resilience to climate change** This session will focus on the outcomes of the sessions of the forum and recommendations that can be picked up by policy makers and practitioners in the Arab region to help promote the use of Telecom/ICTs for the transition to smart and sustainable development of the Arab region. In addition, the session will wrap-up the key issues to thriving SDG's for community sustainability through resilience to climate change and disasters. Moderator: Mrs. Shahira Wahbi- Chief Sustainable Development Dept. - League of Arab States (LAS) Speakers: - Dr. Cosmas Zavazava, Chief, Project and Knowledge Management Dept., ITU-BDT - Dr. Muliaro Wafula - ITU expert - Dr. Dirar Elmahi Elobaid Ahmed - College of Business and Economics - Qassim University Kingdom of Saudi Arabia - Eng. Asma Abdalla- Enterprise and Development Manager- Next Step Initiative - Eng. Wadah Elimam, - Project Engineer (ITEA International) - Dr. Agnes Mindila- ITU expert - Dr. Abdelazim Mohamed Salih- Chairman of Amsab for Services and Technology Co Ltd, Sudan - SUDACAD representative (TBC)
15:45-16:00	**Closing Remarks** - Dr. Cosmas Zavazava, Chief, Project and Knowledge Management Dept., ITU-BDT - Eng. Tarek Hamza – CEO, SUDATEL TELECOM GROUP - Assistant to the President – REPUBLIC OF SUDAN