



WSIS FORUM | 19-23 MARCH 2018

Geneva | Switzerland

WSIS Forum 2018 OUTCOME DOCUMENT

Action Line C2 Facilitation Meeting

Title: Information and Communication Infrastructure towards Sustainable Development Goals

Organizer: ITU

Action Line C2 – Information and Communication Infrastructure

Key achievements

1) Main outcomes highlighting the following:

Debated Issues

The session debate was mostly focused on the importance of ICT Infrastructure and its link to SDGs. The session addressed several aspects in relation to ICT Infrastructure and how those can be used to fulfill the SDGs purpose. Also, it is been mentioned that technology has a determining role in our lives and most of the needed processes of any sort of implementations depend on the technology therefore, it is very important to have a strong foundation and dynamic ICT intrastation implemented in every region to help reaching the sustainable development goals.

Prof. Irini Reljin (Serbia) addressed the aspects of technology which are important to be developed at a regional level to increase development of the SDGs some of which are the Cloud Services, IoT, 5G coverage, as well as Spectrum. The mentioned aspects are a necessity for the implementations of the ICT infrastructure such as broadband connectivity.

Mr. Masanori Kondo from Asia-Pacific Telecommunity mentioned their strategic plan which is reflected in the region and it is the bounding and dependency between connectivity, innovation, trust, capacity building, and partnership. APT current activity consist of focusing on presenting the regional area prospective regarding to ICT and other aspects in relation to SDGs development and needs as well as facilitating the development of ICT infrastructure taking place in the region. One of the challenges mentioned regrading to the ICT infrastructure is the population of internet users is increasing dramatically which is leading to a severe impact on how ICT infrastructure can be implemented regarding to policy and regulation aspects and business accommodations. It was mentioned that is it



WSIS FORUM | 19-23 MARCH 2018

Geneva | Switzerland

important for all regions to be aware for such issue and accommodate solutions based on the region characteristics.

Dr. Robert Pepper from Facebook addressed the company strategy in helping fulfilling the backhaul and fine a solution to its issues one of which is Facebook is committed to give access to internet to all around the globe in a very affordable way. Some of the steps been taken by Facebook to fill the gaps are providing a robust broadband services by creating symbiotic partnership with several ICT tools and Internet providers. Facebook have a 3 aspects for their vision regarding connectivity architecture some of which are Ground Station Feed Link, Point to Point Optical Links for Inter-UAS Communication, and UAS Point to Multipoint FS Links.

Mr. Desire Karyabwite and Mr. Vladimir Daigele from BDT presented the Technical Assistance provided by ITU to its membership on telecommunication/ICT infrastructure and services. Consisting of: Spectrum management and radio monitoring, Broadcasting; Next-generation networks including ICT networks for Smart Grids and Future Networks; Broadband networks: Wired and wireless technologies, including IMT-2020 (5G), Satellite Communications and support for Internet of Things (IoT); Rural communication; IXPs, IPv6; Conformance and interoperability (C&I); Interactive Transmission Maps.

Key achievements:

- *Strategy of New Networks in the Republic of Serbia*
- *Opportunities for ICT4D in Asia and the Pacific*
- *Facebook projects for connecting the Unconnected and Under Connected*
- *ITU assistance based on the Objective 2 of the Buenos Aires Action Plan: Modern and secure telecommunication/ICT Infrastructure: Foster the development of infrastructure and services, including building confidence and security in the use of telecommunications/ICTs*

Quotes

“Common in the development of Cloud computing, IoT and 5G is the necessity for the Broadband Infrastructure Availability” Prof. Irini Reljin (Serbia)

“APT Members have the target to connect the next 1.4 billion users by 2030, the region represents 2/3 of the world population” Mr. Masanori Kondo (APT)

“Without robust broadband infrastructure it’s impossible to reach the SDGs” Dr. Robert Pepper (Facebook)



WSIS FORUM | 19-23 MARCH 2018

Geneva | Switzerland

Overall outcomes of the session highlighting

It was agreed on that ICT infrastructure holds a very importance role as it is the fundamental tool to maintain a good life as it helps to connect people where they can express their needs and concerns regrading to fundamentals life elements such as health, education, peace, and food.

Main linkages with the Sustainable Development Goals

SDG 9

Emerging Trends related to WSIS Action Lines identified during the meeting

The need to access and understand the increasing amount of data and enhanced innovation cycle to produce new technology to help fulfilling the SDGs.