



SUMMARY REPORT ON

WORLD SUMMIT ON THE INFORMATION SOCIETY (WSIS) FORUM 2016

2nd May – 6th May 2016

ITU Headquarters, Geneva

Prepared by:

Matthew Rajendra

**On Behalf
MALAYSIAN TECHNICAL STANDARDS
FORUM BHD**

Table of Contents

	Page
1. Abstract	1
2. List of Participants	2
3. Introduction /Background	2
4. Agendas/Topics	2
5. Findings	3
6. Conclusion	5
7. Acknowledgement	5

1. Abstract

The WSIS Forum 2016 was held from the 2-6 May 2016 at the ITU Headquarters in Geneva. This year the Forum attracted more than 1800 WSIS Stakeholders from more than 150 countries. Several high-level representatives of the wider WSIS Stakeholder community graced the Forum with more than 85 ministers and deputies, several ambassadors, CEOs and Civil Society leaders contributing passionately towards the programme of the Forum. The highlight of the WSIS Forum was the Prime Minister of Tonga, who graced the event with his presence.

The WSIS Forum, co-organized by ITU, UNESCO, UNDP and UNCTAD, in close collaboration with all WSIS Action Line Facilitators/Co-Facilitators (UNDESA, FAO, UNEP, WHO, UN Women, WIPO, WFP, ILO, WMO, UN, ITC, UPU, UNODC, UNICEF and UN Regional Commissions) has proven to be an efficient mechanism for coordination of multistakeholder implementation activities, information exchange, creation of knowledge, sharing of best practices and continues to provide assistance in developing multistakeholder and public/private partnerships to advance development goals. This forum provided structured opportunities to network, learn and participate in multi-stakeholder discussions and consultations on WSIS implementation.

The Chairman of the WSIS Forum 2016 was Mr Daniel Sepulveda, USA who played a key role in providing high-level guidance for the Forum and its outcomes.

At the WSIS Forum 2016, moderated High-Level Policy Sessions of the High-level Track (HLT) took place on the 3rd and 4th of May. During these sessions, moderated Policy Sessions with high-ranking officials of the WSIS Stakeholder community, representing the Government, Private Sector, Civil Society, Academia and International Organizations were held. High-Level Policy Sessions were divided into sixteen sessions covering fourteen themes. The themes, based on the Geneva Plan of Action with particular focus on the WSIS Action Lines, build on the outcomes of the United Nations Overall Review and the submissions received during the open consultation process. The high-level track was moderated by High-level Track Facilitators who were nominated by different stakeholder types to represent their respective communities.

Green Data Center LLP, a Malaysian green data center manufacturing company has won the Winner award for the E-Environment category of the WSIS Prizes award 2016. This is the first time Malaysia has won an award category at this international stage. GDC will be accepting the award during the WSIS Forum. Apart from that, GDC will be participating in the Forum and exhibition being held in conjunction with the event. Furthermore, Matthew Rajendra has been invited to be a high level policy speaker during the forum. His participation in the Forum will be representing MTSFB.

The contest of WSIS Prizes is open to all stakeholders: governments, private sector, civil society, international organizations, academia and others. The contest comprises 18 categories that are directly linked to the WSIS Action Lines outlined in the Geneva Plan of Action.

The contest of WSIS Prizes 2016 is organized into five phases; submission, nomination, voting, selection, and announcement of winners. The 18 winners of WSIS Prizes will be honored, recognized and presented with an award during WSIS Prizes 2016 Ceremony at the WSIS Forum 2016, to be held from 2 to 6 May 2016 in Geneva, Switzerland.

2. List of Participants

Mr. Matthew Rajendra

The Chief Executive Officer and Founder of Green Data Center LLP attended the event and represent Malaysia for all the activities. Matthew spearheaded and headed the development of MTSFB's Green Data Centre Technical Code in 2015. He was also the first successful project implementer under the Green ICT Working Group. He also represented MTSFB for the ITU-SG5 meeting in Beijing and the ASTAP meeting in Bangkok in 2014. He represented MTSFB in delivering an ITU training on green data centres in Hanoi, Vietnam the same year.

3. Introduction /Background

The World Summit on the Information Society Forum 2016 represents the world's largest annual gathering of the 'ICT for development' community. The WSIS Forum, co-organized by ITU, UNESCO, UNDP and UNCTAD, in close collaboration with all WSIS Action Line Facilitators/Co-Facilitators, has proven to be an efficient mechanism for coordination of multi-stakeholder implementation activities, information exchange, creation of knowledge, sharing of best practices and continues to provide assistance in developing multi-stakeholder and public/private partnerships to advance development goals. This forum will provide structured opportunities to network, learn and participate in multi-stakeholder discussions and consultations on WSIS implementation.

4. Agendas/Topics

We participated in the following events:

1. WSIS 2016 Exhibition: Exclusive onsite location for Winners to exhibit their technology. The exhibition was held at the Lobby Area, Centre International de Conférences Genève on 3rd and 4th of May 2016.
2. Prize Ceremony: Winners were announced to the public and awarded with the prize during the opening ceremony of the High-Level Event, by ITU Secretary-General Houlin Zhao.
3. High Level Policy Speaker – Matthew Rajendra - 4th May - 9.50am to 10.40am - Room 2 - Session 12 – Enabling Environment, Cybersecurity, Climate Change.
4. Media Interview: Winners were interviewed for Press Release
5. World Café: Winners interacted with stakeholders from different sectors and regions to share experiences and ideas.

5. Findings

Session TWELVE: Enabling Environment; Cybersecurity; Climate Change

High Level Track Facilitator (HLTF): Ms. Anna Slomovic, Lead Research Scientist, Cyber Security and Privacy Research Institute, George Washington University, USA

High level speakers:

1. Mr Houlin Zhao, Secretary-General, ITU (DSG)
2. Chairman: Ambassador Daniel A. Sepulveda, Deputy Assistant Secretary, Bureau of Economic and Business Affairs, United States of America
3. WSIS Action Line Facilitator: Mr. Preetam Maloor, i.a. Head of Corporate Strategy Division, ITU
4. Democratic Republic of the Congo – H.E. Mr Thomas LUHAKA LOSENDJOLA, Deputy Prime Minister and Minister of ICT, Ministry of Posts, Telecommunications & ICT, DRC
5. Malaysia- H.E. Mr Jailani Bin Johari, Deputy Minister, Ministry of Communications and Multimedia, Malaysia Chad - H.E. Mr AMANGA Abbas Malloum, Ambassador of Chad to the Swiss Confederation, Representative of The Minister of Posts and ICT
7. Moldova Mr Grig ore Varanita, Director, National Regulatory Agency for Electronic Communications and Information Technology
8. Council of Europe H.E. Mr Dirk Van Eeckhout, Thematic Coordinator for the Information Policy
9. Council of Europe and Ambassador of Belgium to the Council of Europe
10. International Professional Practice Partnership (IFIP IP3) Ms Brenda Aynsley, Chairman
11. Green Data Center LLP/MTSFB - Mr Matthew Rajendra, Founder & Chief Executive Officer
12. Potomac Institute for Policy Studies, Ms Melissa Hathaway, Head of Organizatio

Introduction

A diverse panel addressed the topics of Session 12. The panel included representatives from four continents. Participants represented governments, intergovernmental organizations, NGOs and the private sector.

Vision

- a) Climate change should not be sole responsibility of governments
- b) Optimum use of ICTs can support the fight against poverty
- c) ICTs can be used to bridge the economic divide between Africa and the rest of the world
- d) ICTs underpin almost all significant innovations in the foreseeable future
- e) ICTs produce not only economic benefits, but also an effect on humans. Holistic, multistakeholder approach can ensure that resources are sustainable and available for
- f) generations to come.

Fresh Priorities

- a) Providing incentives for ICT operators to move outside urban areas
- b) Improving and maintaining trust in the use of ICTs
- c) Creating appropriate regulatory frameworks for protection of user data
- d) Training of ICT professionals to build in “human rights by design”
- e) Improving environmental footprint of data centers and other ICT through reduction in energy

- f) use and reducing eWaste by recycling old or unused devices

Emerging trends

- a) Countries are adjusting their legal and regulatory frameworks to enable the use of ICTs for development
- b) New legislation in the Democratic Republic of Congo, developed in consultation with the commercial sector and civil society, will remove impediments to ecommerce and other development, deployment and uses of ICTs
- c) Moldova's telecoms regulator has created a national plan on the EU model, Cybersecurity 2020, to increase trust in the use of ICTs
- d) Council of Europe, which includes not just the EU but many other countries, offers the Budapest Convention on Cybersecurity to countries around the world in order to promote a common set of rules for global data flows
- e) Increasing awareness of environmental footprint of ICTs, both in use of energy for data centers and in eWaste, and efforts to increase the use of "green" ICT technologies
- f) Particularly in areas of robotics and artificial intelligence (AI), increasing awareness of the need for training ICT professionals on ethical issues and ways in which their work affects human users.

Opportunities

- a) New legislative and regulatory frameworks to remove barriers to ICT development
- b) and deployment
- c) Working with all stakeholders--governments, civil society, private sector and academia
- d) To create legislative and regulatory approaches to complex and multifaceted issues in privacy,
- e) cybersecurity and data protection
- f) Partnerships and economic development funding to deploy fiber on a large scale
- g) Data center industry can improve its environmental resilience and energy efficiency by taking advantage of new "green" technology. Even old data centers can be retrofitted for better air flow, greatly increasing efficiency.
- h) Mentorship programs and toolkits for training the ICT workforce to account for different
- i) approaches in different countries

Key Challenges

- a) African countries with large territories require significant investments in order to deploy
- b) sufficient fiber to cover the land area
- c) Need to create proper incentives for telecoms operators to deploy and operate infrastructure, particularly outside cities
- d) Need to encourage positive uses of the Internet while restraining harmful and illegal uses
- e) Need to increase capacity and diversity in the ICT workforce while increasing professionalism of the workforce
- f) Lack of trust in ICTs slows down development and reduces profitability and economic benefits. Issues like encryption are complex and lack simple framing and simple solutions
- g) Greenhouse gases from fossil fuel use to power data centers have an effect on addressing
- h) climate change Link with the WSIS Action Lines and Sustainable Development Goals (SDGs)

The session addressed

- a) Action Line C5, Building Confidence and Security in Use of ICTs
- b) Action Line C6, Enabling Environment
- c) SDG 13, Climate Change Case Examples
- d) Green ICT Initiative in Malaysia
- e) World Bank funding of updated telecoms legislation in the Democratic Republic of Congo
- f) Moldova's adoption of the EU regulatory model to increase security of networks and users
- g) Data center industry improvements through retrofitting existing data centers for lower environmental impact
- h) Collaborative activities under the Budapest Convention on Cybersecurity to train judges, set up special forensic units, etc.

Road ahead

- a) Governments working in partnership with industry and other stakeholders to maximize positive uses of ICTs
- b) Working in a holistic, multistakeholder manner to ensure sustainability of resources and
- c) improve quality of life
- d) Using regulatory frameworks to support deployment and uses of ICTs

6. Conclusion

Building on the open consultation process, more than 150 sessions were held during the WSIS Forum 2016. The overall theme of the WSIS Forum 2016 this year was "WSIS Action Lines: Supporting the Implementation of SDGs". This provided a vibrant atmosphere for facilitation and exchange on a multistakeholder vision of the WSIS Process. An exhibition space provided the perfect atmosphere to network, learn and share. The commitment and dedication of the WSIS Stakeholders was evident from the outcomes submitted by the session organizers.

The outcomes of the WSIS Forum 2016 were presented on the last day, 6th May, and will be submitted to the Commission on Science and Technology (CSTD), the UN General Assembly and ITU Council.

7. Acknowledgement

I would like to extend my sincere appreciation to MTSFB and MCMC for approving the budget for my travel to Geneva to attend this event.







MALAYSIAN TECHNICAL STANDARDS FORUM BHD

Malaysian Communications & Multimedia Commission (MCMC Old Building)
Off Persiaran Multimedia,
Jalan Impact
63000 Cyberjaya,
Selangor Darul EhsanTel

(+603) 8320 0300
Fax: (+603) 8322 0115
Website: www.mtsfb.org.my