



SUMMARY REPORT

**25th Asia Pacific Telecommunity
Standardization Program Forum
(ASTAP-25)
2-6 March 2015**

Bangkok, Thailand

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**On Behalf
MALAYSIAN TECHNICAL STANDARDS
FORUM BHD**

INTRODUCTION

1. The Twenty-fifth Asia-Pacific Telecommunity Standardization Program Forum (ASTAP-25) was held from 2 to 6 March 2015 in Bangkok, Thailand.

2. ASTAP-25 was attended by 134 participants representing 24 APT Members, 19 Affiliate Members and 6 Other Organizations.

3. Members of the Malaysian delegation to the forum include:

- Cik Nadia Hazwani Yaakob (SKMM)
- En Aiman Hilmi Azhar (SKMM)
- En Idi Norbarkhtiar Baharom (SKMM)
- En. Hamzah Burok (MTSFB)
- Ms. Adeline Chee (MTSFB/MDeC)
- Mr. Alex Kuik (MTSFB/DiGi)
- En. Najib Fadil (MTSFB/TM)
- En. Zaharin Mohd Nadzri (MTSFB/Celcom)
- Mr. Philip Ling (MTSFB/Digi)

4. The following delegates were present in the ASTAP-25 in particular to carry out the following duties/roles:

Adeline Chee:

- Vice Chairperson, ASTAP GICT & EMF Exposure Expert Group
- Organising Committee for ASTAP-25 6th Industry Workshop
- As one of the ASTAP Office Bearers, to attend the ASTAP Steering Committee meeting

Alex Kuik:

- Moderator for ASTAP-25 6th Industry Workshop: Smart City and Smart Energy Management Session 1
- Rapporteur for Green Data Centre, GICT & EMF Exposure Expert Group, ASTAP
- Rapporteur for EMF, GICT & EMF Exposure Expert Group, ASTAP

Philip Ling:

- Speaker for ASTAP-25 6th Industry Workshop: Cybersecurity Session 2

PROCEEDINGS

1. On 2 March 2015, the ASTAP-25 Forum started with the Welcoming Address by the new APT Secretary General, Ms Areewan Haorangsi. Ms Areewan shared on the two high level events that took place last year which set the guidance and direction for APT as an inter-governmental organization.
 - The first event was the Asia-Pacific ICT Ministerial Meeting on “Building Smart Digital Economy through ICT” which was held from 10 to 11 September 2014 in Brunei Darussalam. Total 27 Ministers, Vice Ministers and Deputy Ministers from APT Members gathered together to commemorate the 35th Anniversary of the APT and set a high level guidelines and commitments for the APT. The Asia-Pacific ICT Ministerial Meeting adopted the Brunei Darussalam Statement to emphasize to work collectively with all stakeholders within the ICT sector, including cross-sector engagement, to implement six key priority areas in order to build a smart digital economy in the Asia-Pacific region.
 - The second important event of 2014 was the 13th Session of the General Assembly of the APT. The General Assembly adopted the Strategic Plan of the APT for the Period 2015-2017. The Strategic Plan followed the six key priority areas of the Brunei Darussalam Statement and identified eight main work items for the APT Work Programme for the year 2015-2017, one of which is Standardization.
2. After the Welcoming Remarks, the new ASTAP Chairman, Mr Yoichi Maeda gave the Opening Remarks. Mr Maeda elaborated on the “Brunei Darussalam Statement of the Asia-Pacific ICT Ministers on Building Smart Digital Economy through ICT”. In the statement, the Ministers emphasized to implement the six key priority areas in order to build a smart digital economy in the Asia-Pacific region, as follows:
 - i. Conducive Policies for Sustainable Growth of ICT and Smart Digital Economy
 - ii. Safe and Secure Society through ICT
 - iii. Trust and Confidence in ICT
 - iv. Sustainable ICT Ecosystem for Innovation
 - v. Capacity Building and Institutional Development
 - vi. Fostering Regional Cooperation for ICT Development

To achieve the objectives of the Brunei Darussalam Statement and enhance the role of the APT as an effective regional organization for ICT in the Asia-Pacific region, the Strategic Plan for this period will have key priority areas. To address the key priority areas, the APT Work Programmes for the year 2015-2017 have been divided into eight main Work Items, as follows:

- i. Policy and Regulation
- ii. ICT Development
- iii. Disaster Management
- iv. Cyber-security
- v. Radiocommunication
- vi. Standardization
- vii. Capacity Building
- viii. Regional Cooperation for ICT Development

Mr Maeda would like ASTAP to contribute to those relevant work items to achieve the objectives of APT.

3. The session was then followed with the Industry Workshops on (i) Cybersecurity and (ii) Smart City and Smart Energy Management. In the Cybersecurity Workshop held in the morning, there were seven distinguished presentations to introduce global standardization activities and to share best practice of cybersecurity at the national / regional level. In the Smart City and Smart Energy Management Workshop held in the afternoon, there were eight distinguished presentations to share relevant activities of the international and national SDOs, and best practices in the market.
4. On 3-6 March 2015, the ASTAP-25 continued its work on various topics under study by the ASTAP Working Groups (WG) and Expert Groups (EG), as follows:
 - WG on Policy and Strategic Coordination (PSC)
 - WG on Network and System (WG NS)
 - WG on Service and Application (WG SA)
 - EG on ITU-T issues (ITU-T)
 - EG on Bridging the Standardization Gap (BSG)
 - EG on Policies, Regulatory and Strategies (PRS)
 - EG on Green ICT & EMF Exposure (GICT&EMF)
 - EG on Future Network and NGN (FN & NGN)
 - EG on Seamless Access Communication System (SACS)
 - EG on Disaster Risk Management and Relief System (DRMRS)
 - EG on Machine to Machine Applications/Services (M2M)
 - EG on Security (IS)
 - EG on Speech and Natural Language Processing (SNLP)
 - EG on Multimedia Application (MA)
 - EG on Accessibility and Usability (AU)

4. On 6 March 2015, the ASTAP-25 Forum concluded with:
 - Presentation and adoption of reports and output documents of the three WGs
 - Nomination and confirmation of the ASTAP office bearers
 - List of the strategic actions identified in the Strategic Plan of APT for 2015 – 2017 that are relevant to ASTAP
 - Assessment of Industry Workshop

KEY OUTCOMES

1. For the Cybersecurity Workshop, the presentation made by Mr Philip has contributed to the recognition by ASTAP on the urgent issues to be addressed; ie. related to capacity building and raising awareness for cybersecurity, as well as protecting child online.
2. The Smart City and Smart Energy Management Workshop sessions 1 & 2 which were moderated by Mr Alex and Mr Kondo respectively, have attracted interests of many member countries and EGs. Following that, two EGs ie EG GICT&EMF and EG M2M have further discussed the workshop's contribution and recommendation in their respective meetings.

As a result,

- i) EG GICT&EMF has revised its Terms of Reference to include Smart Sustainable City; and requested members for future contributions in the focus area.
- ii) EG M2M has incorporated the development of an APT Report on Smart City under its workplan, which scope covers:
 - Standardization activities regarding ICT/telecommunication networks on Smart City
 - Use cases of Smart City that can be used to derive requirements on ICT/telecommunication networks in APT member countries
3. Under the new structure of ASTAP, 3 new Working Groups were established. Adeline was nominated and confirmed as the Vice Chairperson for one of the Working Groups; ie WG on Policy and Strategic Coordination. The WG oversees 4 Expert Groups, namely:
 - i. EG on ITU-T issues (ITU-T)
 - ii. EG on Bridging the Standardization Gap (BSG)
 - iii. EG on Policies, Regulatory and Strategies (PRS)
 - iv. EG on Green ICT & EMF Exposure (GICT&EMF)

4. The WG PSC met in the 2nd and 11th session respectively on 3 and 5 March 2015. The meeting was chaired by the WG Chairperson Ms Thuan with the assistance of Vice Chairperson Adeline. Matters related to its 4 EGs such as Office Bearers, ToR, Workplans, output papers, etc were discussed and approved.
5. The EG GICT&EMF met in the 5th and 8th session respectively on 3 and 5 March 2015 with participants 22 and 31 respectively. The meeting was chaired by the EG Chairman Dr. Samyoung Chung with the assistance of Vice Chairperson Adeline.
6. The GICT&EMF EG discussed six input and information documents and produced three output documents including this meeting report, as follows:

Title	Type	Source
Korea EMF Regulation Update	Input/info	Rep. of Korea
Activities on ITU-T for Printing Label Method of Rare Metals in E-waste	Input/info	Rep. of Korea
Introduction to the ITU Activities on Human Exposure to EMF	Input/info	Rep. of Korea
Survey results of questionnaire to develop a status report on human exposure to EMF	Input/info	Rep. of Korea, MTSFB
Contribution to Questionnaire to develop a status report on human exposure to EMF in APT	Input/info	GSMA
Report of the 6 th IW on Smart City and Smart Energy management	Input/info	IW Coordinators & Moderators
Meeting report of EG GICT&EMF	Output	EG chairman
Proposed ToR of the EG GICT&EMF	Output	EG chairman
Work plan of the EG GICT&EMF	Output	EG chairman

7. The **GICT & EMF EG** meetings achieved four key outcomes as follows:
- i. The meeting agreed the necessity to enhance the exchange of information on the topic of rare metals recycling and e-waste management in Asia Pacific region. The meeting agreed to continue the work of development of the APT status report on e-waste management, rare metals and its activities; to share knowledge and experience among APT members and identify action items to handle in the EG GICT&EMF.
 - ii. The meeting had a discussion on the collected Questionnaire responses and agreed to incorporate the results into the Status Report on the activities of human exposure to EMF.
 - iii. The meeting reviewed and discussed the ToR and work plans of EG GICT&EMF. The meeting has revised and agreed with the TOR and work plans for the three topics namely e-waste, green data centre and EMF exposure.
 - iv. The meeting agreed that the “smart sustainable city” topic is an important and relevant topic for its study work item; and, has reflected the item as one of key topics in the terms of reference of EG GICT&EMF.

8. **Key Outcomes** for MTSFB representatives’ participation in the ASTAP-25

As part of our continuous efforts to positioning MTSFB, Malaysia and GICT WG in the ASTAP platform, we have also achieved the following key outcomes:

- i) **Contributions of MTSFB representatives in the ASTAP-25 6th Industry Workshop were recognized and acknowledged**
 - The ASTAP-25 6th Industry Workshop was coordinated by Ms Fukahori, Ms Naganuma and Adeline.
 - Philip Ling represented MTSFB as one of the speaker for the Cybersecurity Workshop. His presentation entitled “Safe Internet: Capacity Building Among Malaysia Children on Staying Safe Online”.
 - Alex represented MTSFB as the moderator for the Smart City and Smart Energy Management Workshop - Session 1. Alex moderated 3 speakers in his session; with presentations focusing on activities of ITU-T Focus Group on Smart Sustainable City, ISO TC268/SC1, as well as Smart City Solution for Value Creation based on Country/City level experiences.
- ii) **MTSFB representatives nominated and confirmed as the Office Bearers in the ASTAP new organization structure**
 - The strength and contributions of the MTSFB representatives were recognized by the ASTAP committee and APT country members
 - 2 of MTSFB members were nominated and confirmed as the office bearers in the new ASTAP structure

- Adeline as the new Vice Chairperson for the WG on Policy and Strategic Coordination
- Alex as the new Vice Chairperson for the EG on Green ICT and EMF Exposure

CONCLUSION

ASTAP serves as an important platform for relevant, interested and dedicated Malaysian delegates to gain latest insights on the key standardization topics and regional issues as well as best practices discussed in the ITU and APT.

Malaysian delegation with national interest, specifically, the MTSFB GICT WG Committee's continued active participation in the future ASTAP meetings, is very important in order to ensure incorporation of Malaysian's strategic intervention in the regional collaborative efforts and sharing of best practices with the other member countries.

In view of that, it is imperative for MTSFB and SKMM to continue providing the necessary support to the GICT WG; enabling the relevant office bearers and rapporteurs in carrying out their roles to contribute to the future ASTAP as well as ITU-related standardization activities (especially SG5 – Environment and Climate Change). Furthermore it would be useful to participate in ITU SG5 activities to gain more insight and provide international exposure for the Standardisation arena in Malaysia.

Photos

i) ASTAP-25 6th Industry Workshop Participants Group Photo



[Middle, left to right]: Industry Workshop coordinators Adeline, Ms Fukahori, Ms Naganuma

ii) ASTAP-25 Participants Group Photo



[Front left]: new APT Secretary General (Ms Areewan Haorangi), new ASTAP Chairman (Mr Yoichi Maeda), and, immediate past ASTAP Chairman (Dr. Seyed Mostafa Safavi)



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