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| **Title:** | Report on the Seventeenth and Final Meeting of JCA on ICT and Climate Change |

# 1 General

The seventeenth and final meeting of the JCA on ICT and Climate Change was held on 14 October 2015 in Geneva, Switzerland under the Chairmanship of Ahmed Zeddam. Dave Faulkner (Co-chair) has drafted the meeting report.

# 2 Agenda

# The agenda (Doc. 140) was accepted.

# 3 Ahmed Zeddam, Welcome and Opening remarks

Ahmed Zeddam welcomed delegates to the 17th meeting of JCA ICT&CC.

During his speech, Dr. Zeddam announced that this was the 17th and also the last meeting of this JCA following the accomplishment of its mandate.

It was announced that Dave Faulkner would provide an overview of what has been achieved during the five years of operation of this JCA.

Dr. Zeddam also apprised the participants that he would provide information on this SG5 meeting at the end of the first week and highlight the important decisions from the ITU-T TSAG meeting, which impact the SG5 activities.

Towards the end of his speech, he also announced that Cristina Bueti will give an overview of activities on ICT &CC following which the meeting will be closed.

# 4 Ahmed Zeddam: Chairman’s report on SG5

The SG5 meeting commenced in the week of 12-16 October 2015. In the week of 19-23 October 2015, the SG5 meeting will be collocated with the new SG20 which is entitled “IoT and its applications including smart cities and communities (SC&C)” as decided at the last TSAG meeting. Creation of this SG has had an impact on some of the activities of SG5. A new Question 20/5 dealing with Smart Sustainable Cities was also to be discussed during the first week of the SG5 meeting in October 2015. However, after TSAG endorsed the creation of SG20, it asked for the revision of Q20/5 to avoid any overlap between the two SGs. It was subsequently decided during the first week of the SG5 meeting, to delete Q20/5.

Part of Q20/5 will go to SG20 and the remaining portions will be transferred to Q18/5, which will deal with KPIs related to smart sustainable cities. Q18/5 will create a new Work Item on this. A liaison statement to TSAG and to SG20 informing them about this decision will be sent out.

The Focus Group on Smart Sustainable Cities (FG-SSC) competed its work in May 2015 and has developed 21 Technical Reports and Specifications. Most of these Technical Specifications will be transferred to SG20 as Supplements. Five of the FG-SSC Deliverables will be shifted to Q18/5 and Q15/5 in order to be processed as Recommendations and Supplements. Additionally, two other FG-SSC deliverables will be transferred to Q18/5 as Supplements of the Recommendations. This work will be carried out under umbrella of Q18/5 and Q15/5 during the SG5 meeting from 12-23 October 2015..

In the week of 19-23 October 2015, the SG5 meeting will be held simultaneously with SG20 with some events being common for both. It was noted that there will be a session for newcomers common to both SG5 and SG20.

Cristina Bueti, Advisor to SG5 and SG20, highlighted that there are 20 newcomers to ITU-T SG5.

**5 JCA ICT&CC closing report (Document-141 and Presentation-142)**

Dr. David Faulkner made the presentation contained in Document 141. Document-141 contains a summary of the activities conducted in the previous meeting, review of the main achievements and how this JCA has met its objectives.

Coordination in the area of ICT and CC will continue through liaison arrangements. Additionally, if there is an external organisation, which wishes to cooperate with ITU-T, for which no formal liaison exists, the contact person will continue to be Cristina Bueti.

Ahmed Zeddam recalled that at the beginning of this JCA there were many new issues to be discussed. It was noted that in 2009 the mandate of SG5 dealt only with EMC but was subsequently expanded to include ICT and CC. The importance of knowing what was going on in other SDOs was also highlighted. During this period of time, green standardisation for ICT was being established and the need to cooperate with other SDOs was the reason for the creation of this JCA.

One example of cooperation is MoU between ETSI and ITU. Close collaboration has included the holding of common meetings between ETSI EE and ITU-T SG5 with shared Work Items leading to the creation of a technically aligned standard on the methodology for the assessment of emissions from ICT. This collaboration sets a good example of cooperation.

However, some difficulties could be expected as was seen in the area of universal power supplies for ICT devices. The concerned parties are still trying to find a compromise solution.

It was noted that many SDOs know ITU-T SG5. Many effective links via have also been established via the liaison processes. This is the main reason for the closure this JCA as its main goals have been achieved.

SG5 will continue to work closely with other SDOs. ETSI already has common Work Items with SG5. It was decided that the dedicated Questions would be improved in the common meetings. The area of standardization will be further explored and compromises will be sought when required.

All the contributors were thanked for their inputs.

The work of the Liaison Rapporteurs in SG5 who maintain ongoing cooperation with other SDOs was also given due recognition.

The Co-chairman, Dave, was also thanked for his continued support.

Cristina Bueti from TSB was also thanked for the support she rendered over the 5 years of operation of this JCA.

# 6 Closing Remarks

Cristina Bueti (ITU) provided an update on the forthcoming activities. Last year there were two Regional meetings and two training events.

The Forum on Internet of Things: Empowering the New Urban Agenda will take place in Geneva on 19th October. This Forum will kick-start the SG20 meeting under the Chairmanship of Nasser Saleh Al Marzouqi.

More information on the Forum can be found here: http://www.itu.int/en/ITU-T/Workshops-and-Seminars/iot/20151019/Pages/default.aspx

The next Green Standards Week (GSW) will take place in Nassau, The Bahamas. This is the first GSW to take place in Latin America and Caribbean Region. It was emphasized that priority is given to SG5 members who are encouraged to share their specific activities on ICT&CC.

The overview of the GSW programme is given below:

***Overview***

14 December: 10th ITU Symposium on ICTs, Environment & Climate Change - From the New Climate Agreement to the New Urban Agenda, jointly organized with UN-Habitat.

15 December: Forum on "Turning the E-waste Challenge into an Opportunity", jointly organized by BCRC-Caribbean, CRBAS, ECLAC, ITU, UNESCO, UNIDO and UNU.

16 December (morning): Training on “Green ICT Policies and Standards”, jointly organized by CRBAS, ECLAC and ITU. [New]

16 December (afternoon): Forum on "Driving the Connect 2020 Agenda".

17- 18 December (morning only): Forum on "Powering Smart Sustainable Cities With the Internet of Things", jointly organized by ITU, UN-Habitat and UNESCO.

This is the first time that the Green Standards Week has become a UN platform with several UN agencies working together.

More information on the 5th ITU Green Standards Week 2015 can be found on the following link: http://www.itu.int/en/ITU-T/Workshops-and-Seminars/gsw/201512/Pages/default.aspx

There will be a UN-HABITAT conference next year in Quito on Housing and Sustainable Urban Development . New sustainability goals have been approved and all UN Member States have also signed up accordingly. In light of the above, the potential of the Connect 2020 Agenda in achieving these goals was also noted.

 More information on the UN-Habitat Conference is available here:.http://unhabitat.org/the-new-urban-agenda-will-be-decided-in-quito/

Details on ITU’s Connect 2020 Agenda: http://www.itu.int/en/connect2020/Pages/default.aspx

**7 Any Other Business**

Takafumi Hashitani commented that he first met Dave before SG5 WP3 was created. This was in FG ICT&CC. Three big events in the area of ICT&CC took place in 2008/2009 including a BT meeting in London and closing meeting in Hiroshima. Mr. Malcolm Johnson, who at the time served as the TSB Director had started the FG on ICT-CC with special support for a common methodology.

The tremendous efforts made and the help given especially by the Japanese was given due appreciation.

Ahmed Zeddam thanked the participants for their valuable contributions.

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