29 MEETING OF PERMANENT CONSULTATIVE
COMMITTEE I: TELECOMMUNICATIONS/
INFORMATION AND COMMUNICATION
TECHNOLOGIES
August 16 to 19, 2016
Lima, Peru

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FINAL REPORT

(Item on the Agenda: 6)

(Document submitted by the Drafting Committee)

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FINAL REPORT

29 MEETING OF THE PERMANENT CONSULTATIVE COMMITTEE I:
TELECOMMUNICATIONS / INFORMATION AND COMMUNICATION TECHNOLOGIES
(PCC.I)

The 29 Meeting of the Permanent Consultative Committee I: Telecommunications/Information and Communication Technologies was held in Lima, Peru, August 16 to 19, 2016.

I.   AGENDA [1]

1. Approval of the agenda and calendar of activities.
2. Establishment of the Drafting Group for the Final Report.
3. Work Plan for PCC.I.
4. Working Group reports and meetings:

   4.1   Working Group on Policy and Regulation (WGPR)
   4.1.1   Rapporteurship on protecting the rights of telecommunication service users
   4.1.2   Rapporteurship on Internet: ecosystem and international connectivity
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   4.3.5   Rapporteurship on Technological innovation and trends

   4.4   Working Group for the Preparation and Follow-up of the WTSA, WCIT and WTDC (WGCONF)
   4.5   Ad hoc Group for the implementation of ICTs as tools for the empowerment of women
   4.6   Ad Hoc Group on the White Paper: telecommunications and ICTs to advance the fundamental pillars of the organization of American States: democracy, human rights, multidimensional security and integral development

5. Agenda, site and date of the 30 Meeting of PCC.I.
6. Approval of the Final Report.
7. Other business.

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[1] CCP.I-TIC/doc. 4003/16

II.   AUTHORITIES OF THE MEETING

Chair of PCC.I: Mr. Gonzalo Ruiz Díaz (Peru)
Vice Chair of PCC.I: Mr. Kenji Kuramochi (Paraguay)
Vice Chair of PCC.I: Mr. Edgard Eduardo Rodas Abarca (El Salvador)
Executive Secretary of CITEL: Mr. Oscar León (OAS)

Final Report Drafting Committee:

Chair:

Peru: Sr. Claudio Palomares Sartor

Members:

Paraguay: Javier Ramos

United State of America: Jonathan Siverling

Uruguay: Adriana Bauza

III.   RESOLUTIONS

PCC.I/RES. 272 (XXIX-16)[2]

SEMINAR: TELECOMMUNICATION SERVICES AND THEIR IMPACT ON PRIVACY PROTECTION

The 29th Meeting of Permanent Consultative Committee I: Telecommunications/Information and Communication Technologies (PCC.I),

CONSIDERING:

a)   That the information society leads to people using telecommunication services and information technologies in various aspects of their life;

b)   That telecommunications/information and communication technologies and their applications are essential to the political, economic, social and cultural development, as well as an essential factor for poverty reduction, job creation, environmental protection, and for the prevention and mitigation of natural catastrophes (AG/RES 2702).

c)   Telecommunication services allow exercising the right to freedom of speech and information access and "offer excellent conditions for innovation and the exercise of other fundamental rights, such as the right to education and free association" (See IACHR, Freedom of Speech and Internet).

d)   That although participating in the information society offers a number of benefits, such as seeking and closing businesses in real time, using telecommunication services also entails disclosure/revelation of people's information, which affects their privacy;

e)   That while telecommunication services can shorten distances, provide instant information and knowledge, and thereby contribute to a country's development, they can also cause problems that may affect the privacy of individuals;

f)   That opportunities exist, for States, ICT companies, and network users to collaborate in order to enhance understanding of personal data protection;

g)   That telecommunication service users need to be responsible and diligent when using such services.

RESOLVES:

1.   To approve holding the Seminar on "Telecommunication Services and their Impact on Privacy Protection" during the sessions of the Working Group on Policy and Regulation within the framework of the 30th Meeting of PCC.I.

2.   To appoint Mr. Humberto Sheput (hsheput@osiptel.gob.pe) of the Peruvian Administration as the seminar coordinator, in coordination with the Chair of the Working Group on Policy and Regulation.

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[2] CCP.I-TIC/doc. 4020/16 rev.1

3.   To ask the administration of Peru to seek the participation of Member State representatives to present their experiences.

To approve the proposed agenda item, included in the Annex, as a starting point for discussing the issues to be addressed during the seminar.

ANNEX TO RESOLUTION PCC.I/RES. 272 (XXIX-16)

PRELIMINARY AGENDA

SEMINAR ON "TELECOMMUNICATION SERVICES AND THEIR IMPACT ON PRIVACY PROTECTION"

1. *The right to privacy and telecommunication services:* The scope and characteristics of the right to privacy and its implications (the right to the protection of personal data, secrecy of communications and intimacy) will be explained. The scope of telecommunication services and privacy policies that users assume will also be discussed.

2. *Risk situations and cybercrime:* This topic will detail the risks to user privacy when using telecommunication services, discuss the main cybercrimes that endanger privacy, and review the comparative law in this regard.

3. *Social networks and telecommunication services*: Differences in how they are regulated.

4. *Competencies to protect privacy in telecommunication services. Representative cases:* Will establish who the competent authorities are and what domestic laws apply to dispute resolution with regard to telecommunication services.

5. *Recommendations:* Recommendations on how to avoid privacy risks when using telecommunication services will be presented.

PCC.I/RES. 273 (XXIX-16)[3]

MANUAL OF RECOMMENDATIONS ON BEST PRACTICES TO COMBAT FRAUD IN SUBSCRIPTION SATELLITE TELEVISION SIGNAL RECEPTION

The 29th Meeting of Permanent Consultative Committee I: Telecommunications/Information and Communication Technologies (PCC.I),

CONSIDERING:

a)   That PCC.I's mandates include promoting the discussion and drafting of recommendations on new technologies aimed at understanding how the region's countries are establishing regulatory

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[3] CCP.I-TIC/doc. 4143/16 rev.2

frameworks for the future that encourage infrastructure and innovation and welcome new services in an environment of legal security, healthy competitiveness, and evolving technological conditions;

b)   That Resolution CCP.I/RES. 242 (XXVI-15) included, in the Fraud and Regulatory Practice Classification Table appearing as Annex 1 to Decision CCP.I/DEC. 204 (XXV-14), type 35. Unauthorized Satellite Television Signal Receiver Devices, and its definition: "Satellite receiver devices with decryption capabilities to illegally access signals from subscription satellite television systems without due authorization or which could be modified for that purpose," in Annex 2 to the above-mentioned Decision;

c)   That Resolution CCP.I/RES. 242 (XXVI-15) established a drafting group coordinated by the Administration of Uruguay and comprised of the Administrations of Argentina, Colombia, and other member states that indicated their interest in participating in the drafting of a Manual of Recommendations on Best Regulatory Practices to combat the importation, marketing and/or use of unauthorized satellite television signal receiver devices or which could be modified for that purpose;

d)   That said Manual must contain the measures currently adopted, recommendations, and best practices on the basis of the contributions made by the member states and associate members of PCC.I;

e)   That, on the basis of the questionnaire attached to Resolution CCP.I/RES. 242 (XXVI-15), the member states of CITEL were requested to provide information about this subject, and that responses were received from 10 of them;

f)   That, on the basis of Resolution CCP.I/RES. 242 (XXVI-15), subsequently ratified by Resolution CCP.I/RES. 255 (XXVII-15), it was decided to hold the Seminar on "Best Regulatory Practices to Combat Fraud in Subscription Satellite Television Signal Reception" at the 28th Meeting of PCC.I, where the draft of the Manual of Recommendations on Best Practices in this area was submitted for comments from member states;

g)   That the responses to the questionnaire that were received and the presentations that were made at the Seminar, as well as the comments received, were taken into consideration and included in the above-mentioned Manual;

RESOLVES:

1.   To adopt the "Manual of Recommendations on Best Regulatory Practices to combat the manufacture, import, leasing, marketing, distribution, and/or use of receiver devices with decryption capabilities to illegally access signals from subscription satellite television systems without due authorization or which could be modified for that purpose," attached to the present resolution.

2.   To invite member states, who have not as yet established regulations and procedures to combat the manufacture, import, leasing, marketing, distribution, and/or use of receiver devices with decryption capabilities to illegally access signals from subscription satellite television systems without due authorization or which could be modified for that purpose, to consider establishing regulatory measures to that end.

3.	To instruct the Executive Secretary to distribute, among the member states, the Manual attached to the present resolution and to undertake dissemination activities deemed relevant for that purpose.

4.	To instruct the Rapporteurship on Fraud Control, Non-Compliance Practices in Telecommunications and Regional Measures against the Theft of Mobile Terminal Devices of the Working Group on Policy and Regulation to update annually the measures adopted in the various member states to combat the manufacture, import, leasing, marketing, distribution, and/or use of receiver devices with decryption capabilities to illegally access signals from subscription satellite television systems without due authorization or which could be modified for that purpose, using the questionnaire that is attached to Resolution CCP.I/RES. 242 (XXVI-15).

PCC.I/RES. 274 (XXIX-16)[4]

WORKSHOP ON DIGITAL INCLUSION AND MEANINGFUL BROADBAND ADOPTION IN THE AMERICAS

The 29th. Meeting of Permanent Consultative Committee I: Telecommunications/Information and Communication Technologies (PCC.I),

CONSIDERING:

a)	That the 31 Meeting of the Permanent Executive Committee of CITEL (COM/CITEL) in 2015 adopted COM/CITEL/RES. 268 (XXXI-15) "Support from CITEL for the Implementation of the Outcomes of the Seventh Summit of the Americas" and promotes within the framework and work plans of the appropriate CITEL working group(s) the access and increase in adoption of broadband services and deployment of broadband infrastructure;

b)	That the same COM/CITEL Res. 268 supports the goal of the Global Connective Initiative to bring 1.5 billion new Internet users online by 2020, including its principles to achieve Internet connectivity;

c)	That to be able to realize projects in the region, it is advisable to have up-to-date information on the areas of action and lines of funding that regional and international organizations have available for the development of telecommunications;

RECOGNIZING:

a)	That while considerable progress has been made, the digital divide persists in many places in the Americas region;

b)	That according to the 2016 World Bank Report on Digital Dividends, in Latin America, fewer than 1 in 10 poor households is connected to the Internet;

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[4] CCP.I-TIC/doc. 4022/16 rev.1

c)   That advancing access to broadband and increasing adoption of broadband services and deployment of broadband infrastructure supports economic and social growth and opportunity in the region and is essential to reduce the digital divide and technological gap within societies;

d)   That it is within the Terms of Reference of the Work Plan of the Rapporteurship on Broadband for Universal Access and Social Inclusion to conduct activities related to information sharing and capacity building of Member States related to broadband service and infrastructure deployment within CITEL;

e)   That it is also part of the Terms of Reference of the Work Plan of the Rapporteurship on Broadband for Universal Access and Social Inclusion to provide recommendations and best practices regarding broadband deployment and use for reducing the digital divide and increasing development benefits, "digital dividends," from using the broadband technologies.

f)   That in recent years, we have observed in countries of the region several examples of policies aimed at deploying transport backbones in order to expand broadband services to rural and isolated areas, as well as the deployment of last-mile high-capacity infrastructure;

g)   That in some regions there is a need and the opportunity of interconnecting national networks and also to make possible the interconnection of networks of a country with networks of another country.

ALSO CONSIDERING:

a)   That, through Resolution 269 (XXVIII-16), it was approved to conduct a full one-day workshop on "Digital Inclusion and Meaningful Broadband Adoption in the Americas," to take place on the Monday before the 29 Meeting of PCC.I;

b)   That, it was deemed convenient to postpone the conduction of the aforementioned workshop in order to incorporate some additional topics as issues to be developed in such workshop;

RESOLVES:

1.   To conduct a full day Workshop on "Digital Inclusion and Meaningful Broadband Adoption in the Americas," ", approved by virtue of Resolution 269 (XXVIII-16), to take place on the Monday before the first day of the 30 Meeting of the Permanent Consultative Committee I: Telecommunications, Information and Communication Technologies.

2.   To designate the Administration of Peru as the coordinator of the workshop with the support of Costa Rica and United States of America.

3.   To approve the list of topics included in the Annex, as a starting point for discussions on the issues to be addressed during the Seminar.

ANNEX TO RESOLUTION PCC.I/RES. 274 (XXIX-16)

TOPICS FOR WORKSHOP

DIGITAL INCLUSION AND MEANINGFUL BROADBAND ADOPTION IN THE AMERICAS

1. Policies to promote deployment of broadband infrastructure and reasonable provision of service.

2. Radio spectrum management and new technologies to develop mobile broadband services.

3. Successful experiences in the deployment of National Transport Networks and regional initiatives for interconnecting Networks.

4. Digital inclusion and adoption of broadband services by population interest groups, for example, the disabled.

5. Adoption of broadband services and opportunities for e-government.

6. Supplementary policy mechanisms for the availability of low-cost terminal equipment and digital literacy in the adoption of broadband services.

7. Approaches and instruments for the evaluation of digital inclusion and the meaningful adoption of broadband services.

8. Best practices and/or successful examples from the Americas region.

9. Conclusions and follow-up actions or compilation of information.

PCC.I/RES. 275 (XXIX-16)[5]

SEMINAR ON DEVELOPMENT PROJECT MANAGEMENT

The 29th Meeting of Permanent Consultative Committee I: Telecommunications/Information and Communication Technologies (PCC.I).

CONSIDERING:

a)   It is important to create spaces for dialogue between the public sector, the private sector and multilateral agencies to reconcile strategies that help to accelerate development in the region.

b)   There is a need for gathering deeper knowledge on activity and project development processes, both from the International Telecommunication Union (ITU) and the Andean Development Corporation (CAF), the Inter-American Development Bank (IDB), the World Bank, and other funding agencies operating in the region.

c)   It is important to be aware of project selection criteria, requirements that must be met, the implementation process, funds available for the implementation of projects, how project results are reported, among others.

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[5] CCP.I-TIC/doc. 4133/16 rev.1

TAKING INTO ACCOUNT:

a)   The recent signing of the "2030 ICT Alliance for the Americas," which aims to drive development in the region through ICTs so as to mobilize resources and obtain concrete products.

b)   That several companies have already shown their support and commitment for the implementation of this Alliance, therefore it is interesting to create a space for dialogue for the implementation of projects, which may also involve the private sector.

RESOLVES:

1.   To conduct a Seminar on Development Project Management within the scope of the Rapporteurship on Regional Initiatives, during the 30 Meeting of PCC.I, at no cost to CITEL.

2.   To assign, the Rapporteur and the administration of Dominican Republic, the coordination of works and convening notices required to conduct the Seminar.

3.   To approve the list of topics, which are attached in the Annex, to be discussed during the Seminar.

ANNEX TO RESOLUTION PCC.I/RES. 275 (XXIX-16)

AGENDA

1.   Discussion on lines of action and development project funding mechanisms in the region.

2.   Project management: Priority assignment, project follow-up and implementation, and project completion evaluation.

3.   Current projects in the region (with their progress status).

4.   Partnerships with the private sector: forms of association and collaboration.

5.   Plans and strategies for the development of telecommunications in the region.

PCC.I/RES. 276 (XXIX-16)[6]

AGENDA, SITE AND DATE OF THE 30 MEETING OF PCC.I

The 29th Meeting of Permanent Consultative Committee I: Telecommunications/Information and Communication Technologies (PCC.I),

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[6] CCP.I-TIC/doc. 4136/16 rev.1

RESOLVES:

1.   To hold the 30 Meeting of Permanent Consultative Committee I: Telecommunications/ Information and Communication Technologies in Peru from April 4 to 7, 2017.

2.   To adopt the Draft Agenda for the 30 Meeting of PCC.I, annexed to this Resolution.

ANNEX TO RESOLUTION PCC.I/RES. 276 (XXIX-16)

DRAFT AGENDA

1.   Approval of the agenda and calendar of activities.

2.   Establishment of the Drafting Group for the Final Report.

3.   Work Plan for PCC.I.

4.   Working Group reports and meetings:
        4.1   Working Group on Policy and Regulation (WGPR)
        4.2   Working Group on Development (WGD)
        4.3   Working Group on Deployment of Technologies and Services (WGDTS)
        4.4   Working Group for the Preparation and Follow-up of the WTSA, WCIT and WTDC (WGCONF)
        4.5   Ad hoc Group for the implementation of ICTs as tools for the empowerment of women
        4.6   Ad Hoc Group on the White Paper: telecommunications and ICTs to advance the fundamental pillars of the organization of American States: democracy, human rights, multidimensional security and integral development
        4.7   Ad Hoc Group to prepare CITEL for the Regional Preparatory Meeting for WTDC-17 for Americas (RPM-AMS).

5.   Agenda, site and date of the 31 Meeting of PCC.I.

6.   Approval of the Final Report.

7.   Other business.

V. DECISIONS

PCC.I/DEC. 254 (XXIX-16)[7]

REPORT OF CONSULTATIONS ABOUT THE PROCESSES OF EXCHANGE AND BLOCKING OF IMEIs BETWEEN COUNTRIES FOR MOBILE DEVICES REPORTED LOST OR STOLEN

The 29th Meeting of Permanent Consultative Committee I: Telecommunications/Information and Communication Technologies (PCC.I),

DECIDES:

1.   To consult with the Member States, mobile operators, mobile operator association (GSMA), manufacturers, police authorities or state agencies, and other stakeholders, to assess the procedures used for the international exchange and blocking of mobile device identifiers reported as lost or stolen.

2.   To request that the Member States and Associate Members contribute to documenting the international IMEI exchange and blocking procedures through databases and blocking devices used for that purpose, their features, times and technology platforms, including the following stages:

1. Obtaining the IMEIs related to reports of theft or loss by service users,
2. Uploading reported IMEIs to international sharing databases,
3. Downloading the IMEIs shared in those databases by operators from other countries,
4. Blocking lost or stolen mobile network equipment to restrict access.

3.   Along with these processes, they are asked to state the problems, difficulties, questions, potential alternatives, and suggestions for handling them, with regard to the following aspects:

1. Exchange times,
2. Data fields included in the exchange,
3. Criteria to define the age of reported as lost/stolen IMEI in international DB for exchange whenever a country or mobile operator gets in the exchange.
4. Querying methods,
5. Handling of duplicate IMEIs,
6. Including and blocking non-valid IMEIs,
7. Including reasons for blocking other than loss or theft,
8. Criteria to manage a progressive approach of the exchange and blocking
9. Managing the volume of IMEIs to be blocked versus the installed capacity of blocking devices,
10. Selective blocking only for reported IMEIs that show activity on mobile networks,
11. Reasons for not sharing or blocking IMEIs reported in other countries.

4.   To instruct the Rapporteur on Fraud Control, control, regulatory non-compliance practices in telecommunications and regional measures against the theft of mobile terminal devices to submit the results of the consultation and a document with recommendations for approval by the Permanent Consultative Committee I at the 31 Meeting of the PCC.I.

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[7] CCP.I-TIC/doc. 4112/16 rev.2

5. To instruct the Secretariat of CITEL to forward this decision to the Member States, Associate Members, GSM Association (GSMA) and other stakeholders.

PCC.I/DEC. 255 (XXIX-16)[8]

COSTS ASSOCIATED WITH FIELD MEASUREMENTS TO MONITOR SERVICE QUALITY

The 29th Meeting of Permanent Consultative Committee I: Telecommunications/Information and Communication Technologies (PCC.I),

DECIDES:

1. To request that Member States fill out the questionnaire annexed hereto, based on PCC.I/RES. 225 (XXIV-14) – STRUCTURE AND TERMS OF REFERENCE OF THE WORKING GROUPS AND RAPPORTEURSHIPS OF PCC.I, to gather information on the equipment and tools used for technical quality control.

2. To request Member States to send the information listed in the Annex before January 30, 2016 and to send it to the Coordinator of the Correspondence Group and to diana.morales@crcom.gov.co.

3. To appoint the Rapporteurship on telecommunication service quality to gather information with the results of the survey.

3. To instruct the Rapporteurship on telecommunication service quality to present the results of the questionnaire at the next meeting of the PCC.I.

ANNEX TO DECISION PCC.I/DEC. 255 (XXIX-16)

COSTS ASSOCIATED WITH FIELD MEASUREMENTS TO MONITOR THE QUALITY OF ICT SERVICES

Country/Administration: _____

Name of answerer: _____
Entity/Institution _____
Contact information:
Phone _____ Email _____

Purpose: In accordance with the mandate of the WGPR, and to study the conditions adopted for field measurement of quality indicators and propose technical recommendations on service quality that

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[8] CCP.I-TIC/doc. 4026/16 rev.1

contemplate user expectations, among others, this questionnaire seeks to identify the costs associated with field measurements taken to monitor the quality conditions of ICT services.

1. Field measurements make it possible to evaluate the service provided by an operator by emulating the experience of a service user, and to compare the service provided by different operators in the same area.

   Are field measurements taken in your country to monitor telecommunication service quality conditions and levels?
   YES _____ NO _____

If yes, then:

2. Identify the telecommunication services for which field measurements are taken:

   Fixed voice   _____
   Mobile voice   _____
   Fixed Internet   _____
   Mobile Internet   _____
   Television   _____
   Radio broadcasting _____
   Others   _____   Which? _____

3. Was the equipment used for field measurements acquired by the government?
   YES _____   NO _____
   By which government agency? _____

4. Did the government contract a third party to purchase the measuring equipment?
   YES _____ NO _____

   Name of the third party _____

5. If the government did not purchase the equipment, does it periodically hire third-party services to take field measurements?
   YES _____ NO _____
   How often? _____

6. For equipment purchases, did the government use an open contracting procedure with several bidders?
   YES _____ NO _____
   How many bidders participated? _____

7. Did the government purchase the equipment directly from a single bidding company?
   YES _____ NO _____
   State the name of the bidding company _____

8. What technical conditions were established to purchase the equipment?

9. State the name of the manufacturer from which the measuring equipment was purchased.

10. Indicate the technical specifications for the equipment purchased.

11. Give the total cost of the equipment purchased, breaking down the costs for updating and maintenance, or indicate if these costs were not included in the purchase.

PCC.I/DEC. 256 (XXIX-16)[9]

UPDATE OF THE TERMS OF REFERENCE FOR PREPARING A SITUATIONAL STUDY REPORT ON GENDER EQUALITY IN ICTs: PROPOSALS FOR MAINSTREAMING A GENDER AND RIGHTS BASED PERSPECTIVE IN ICT POLICIES IN THE FRAMEWORK OF CITEL

The 29th Meeting of Permanent Consultative Committee I: Telecommunications/Information and Communication Technologies (PCC.I),

DECIDES:

1. To adopt the updated terms of reference set out in Annex I hereto for preparing a situational study report as follow-up to Activity No. 2 of the 2016-2018 Roadmap contained in the Annex to resolution PCC.I/RES. 258 (XXVII-15).

2. To instruct the Secretariat of CITEL, in coordination with the Ad Hoc Group, to take the necessary steps for coordination between the CIM and the Ad Hoc Group for the preparation of the study and to secure the funds needed for its financing.

ANNEX I TO DECISION 256 (XXIX-16)

DRAFT TERMS OF REFERENCE FOR THE SITUATIONAL STUDY

Gender equality in ICTs: Proposals for mainstreaming a gender and rights based perspective in ICT policies in the framework of CITEL

Initial proposal

In order to benefit from a base of evidence that can help inform and enrich technical and political dialogue forums in the framework of CITEL and provide policy and strategy guidelines and recommendations that would make it possible to steer implementation of the Roadmap (specifically Activity No. 2) and make progress on promoting the gender and women's rights based perspective in CITEL's agenda and in ICT governing/regulatory bodies, it is proposed that a situational paper/study be prepared on "Gender Equality in ICTs: Proposals for mainstreaming a gender and rights based perspective in ICT policies in the framework of CITEL," whose description is provided in Annex 1.

1. Objectives

To draw up a strategy to make progress in mainstreaming a gender and rights based approach in CITEL's global agenda and in telecommunication/ICT bodies, including the drafting of recommendations to: i)

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[9] CCP.I-TIC/doc. 4111/16 rev.2

strengthen public policymaking on gender issues in ICTs; and ii) protect the human rights of women who work in the ICT sector. To this end, the following are included:

-   To review the international and inter-American legal and regulatory framework currently in force.

-   To review existing public policies regarding women in the ICT sector, depending on the case, to identify best practices and existing gaps (implementation of the current regulatory framework in the labor force, equal opportunities in terms of employment, training, promotion, etc., measures to tackle sexual/workplace harassment, cyber-bullying, and other forms of intimidation and violence against women and girls carried out via ICTs, and related matters).

-   To review the situation of women in the sector – participation and leadership.

-   To examine to what extent the gender approach has been mainstreamed into telecommunication/ICT institutions and bodies of participating countries.
-   To identify challenges and opportunities for drafting public policies for management of the ICT sector with a gender and rights based perspective.

2.   Sources of information

-   Review of existing literature (mandates, studies, legislation, and public policymaking in selected countries).

-   Questionnaires to telecommunication / ICT bodies and national mechanisms for promoting the advancement of women.

-   Interviews with women working in the ICT sector.

3.   Activities to be carried out

1. Completion of the structure of contents of the situational study and drafting of the questionnaire and interview script.

2. Circulation of the questionnaire to the respective authorities. It shall supplement the questionnaire already sent in 2013.

3. Review of existing literature.

4. Conducting interviews with women from the ICT sector.

5. Review of answers to the questionnaire.

6. Systematization of the study's results. This includes drafting the paper's preliminary version.

7. Review of draft paper by CITEL and CIM.

8. Submittal of report's preliminary results at the seminar of experts organized to validate the proposed strategy and results.

9. Incorporating comments from the seminar, as well as those from CITEL and CIM, and delivery of the final version of the study.

4.   Time to prepare and launch the situational study

First semester of 2017

5.   Amount of the consultancy and payment schedule

With regard to the cost, we wish to advise that the payment amount and payment schedule shall be subject to the budget proposed by the consultancy.

Please note that implementation of the present terms of reference by a consultant shall depend upon securing resources for the study.

Gender equality in ICTs: Proposals for mainstreaming a gender and rights based perspective in ICT policies in the framework of CITEL

Tentative structure of contents

Length: 40-60 pages

1.   Introduction
　　　1.1. Summary of the situation
　　　1.2. Objectives of the study

2.   Background
　　　2.1. Agreements of the Inter-American Telecommunication Commission
　　　2.2. Permanent Consultative Committee I: Telecommunications/ICTs (PCC.I) – history and work plan

3.   Situation of women – participation and leadership in the telecommunication/ICT sector
　　　3.1. Summary of the review of the literature
　　　3.2. Results of the interviews
　　　3.3. Challenges and opportunities

4.   International and inter-American legal and regulatory framework currently in force

5.   Overview of policies for gender equality and/or rights in telecommunication/ICT bodies
　　　5.1. Summary of the review of the literature
　　　5.2. Results of the questionnaire and analysis of needs
　　　5.3. Challenges and opportunities

6.   Strategic guidelines to strengthen telecommunication/ICT bodies so they can achieve effective gender mainstreaming in their operations, policies, and programs
　　　6.1 Review of the institutional mainstreaming of gender in telecommunication/ICT bodies
　　　6.2 Hemispheric horizontal cooperation (compilation of support instruments, activities, and exchange workshops, drafting of program portfolio, etc.)
　　　6.3 High-level dialogues about gender and rights in ICTs

7.   Conclusion and Recommendations

8.   Bibliography

PCC.I/DEC. 257 (XXIX-16)[10]

LIAISON DECLARATION WITH STUDY GROUP 2, QUESTION 1/2 INTERNATIONAL TELECOMMUNICATION DEVELOPMENT SECTOR

The 29th Meeting of the Permanent Consultative Committee I: Telecommunications/Information Communication Technologies (PCC.I)

DECIDES:

1. To instruct the Secretary of CITEL to forward to the International Telecommunications Union Development Sector (ITU-D) Study Group 2, Question 1/2 the CITEL PCC.I/REC. 26 (XXVIII-16) entitled, "Recommendation to Incentivize Greater Adoption of IoT/M2M Services in the CITEL Member States."

ANNEX TO DECISION PCC.I/DEC. 257 (XXIX-16)

Committee/ Work Group/ Rapporteurship	PCC.I WORKING GROUP ON DEPLOYMENT OF TECHNOLOGIES AND SERVICES RAPPORTEURSHIP ON TECHNOLOGICAL INNOVATIONS AND TRENDS	29 PCC. I MEETING: TELECOMUNICATIONS/TIC From August 16 to 19, 2016 Lima, Peru
Title:	**CITEL PCC.I "Recommendation to Incentivize Greater Adoption of IoT/M2M Services in the CITEL Member States."**	

LIAISON COMMUNICATION

For action to:		
For comments to:		
For information to:	**ITU-D Study Group 2, Question 1/2: Creating the smart society: Social and economic development through ICT applications**	
Approval:		
Deadline:		
Contact:	Name: **Amy Alvarez** Organization: **AT&T** Country: USA	Tel:+1 202 457-2315 Fax: +1 281 664-9610 E-mail: aa1615@att.com
Contact:	Name: **Geraldo Neto** Organization: **Qualcomm** Country: USA	Tel: +41 79 772 17 41 Fax: +1 703 224-1511 E-mail: geraldo@tmgtelecom.com

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[10] CCP.I-TIC/doc. 4124/16 rev.1

CITEL Permanent Consultative Committee I: Telecommunications/ICT (PCC.I) established a Rapporteur Group to examine developments related to "Technological Innovations and Trends." The Rapporteur Group has considered several contributions addressing the Internet of Things (IoT) and Machine-to-Machine (M2M) services, including responses from CITEL Member States to a questionnaire on Regulatory and Policy Frameworks Governing M2M services in the Americas, as well as inputs that identify the socio-economic benefits of such services, enabling policies to further support IoT and M2M growth, and "smart city" and other IoT and M2M applications and case studies. In addition, the Rapporteur Group organized a workshop on May 15, 2016 on "The Internet of Things and Machine-to-Machine Communications: Approaches in the Americas." Building on the contributions received and the conclusions of the workshop, a "Recommendation to incent greater adoption of IoT and M2M services in the Americas" was adopted at the XXVIII PCC.I meeting in May 2016 (See Annex A).

In light of the work underway within ITU-D Study Group 2 Question 1/2 on "Creating the smart society: Social and economic development through ICT applications," PCC.I would like to make ITU-D aware of the activities described above and provide Annex A as input to the development of the Final Report on Question 1/2. This information may be especially helpful in the development of Section 4.8, "Policy and regulatory considerations."

Furthermore, CITEL PCC.I would welcome ITU-D Study Group 2 Question 1/2 to provide information on the work of the group.

ANNEX A

PCC.I/REC. 26 (XXVIII-16) [11]

RECOMMENDATION TO INCENTIVIZE GREATER ADOPTION OF IoT/M2M SERVICES IN THE CITEL MEMBER STATES

The 28 Meeting of Permanent Consultative Committee I: Telecommunications/Information and Communication Technologies (PCC.I),

CONSIDERING:

a)   That the Rapporteurship on Technological Innovation and Trends (Rapporteurship) was established to share information, experiences and best practices on technological evolution and trends in telecommunications and information and communications technologies (ICTs) with CITEL Member States;

b)   That Internet of Things (IoT) and Machine-to-Machine communications (M2M) services are a key driver of economic and social development and have evolved into a transnational market of services where a significant portion of IoT/M2M devices are conceived for global mobility;

c)   That Member States generally do not have in place specific IoT/M2M regulations;

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[11] CCP.I-TIC/doc. 3905/16 rev. 2 cor. 1

d)   That the Rapporteurship, according to the "Work Plan Rapporteurship on Technological Innovation and Trends," is to study and evaluate technical and regulatory practices related to IoT/M2M services and propose a list of international best practices and public policies to incentivize greater adoption of IoT/M2M services in the region,

RECOGNIZING:

a)   That the Member States, to this end, have shared information and experiences regarding IoT/M2M services through the completion of an M2M Questionnaire entitled "Current Status of the Regulatory Framework on Machine-to-Machine Communications," approved by PCC.I/ DEC. 216 (XXV-14), and later re-circulated through PCC.I/DEC. 232 (XXVI-15);

b)   That the Rapporteurship issued reports entitled, "Report of the Rapporteurship on Technological Innovations and Trends," and "IoT and M2M Technology and Policy Overview: Compilation of Inputs to the Rapporteurship,"[12] highlighting its review of several relevant input documents identified therein and submitted by the Member States and Sector Members;

c)   That during the XXVIII Meeting held in San Salvador, El Salvador, the Rapporteurship held a seminar on IoT/M2M called "The Internet of Things and Machine-to-Machine Communications - Approaches in the Americas," to provide an 1) overview on IoT/M2M communications, including evolving business models and the summarized information from the region; 2) requirements for IoT in terms of network infrastructure, numbering and addressing, performance, reliability, security and spectrum; 3) standards landscape; 4) regulatory implications of connected devices, including related to data privacy and management; 5) policies to promote IoT/M2M deployment; 6) main applications and/or successful stories in the region; 7) best practices when implementing IoT/M2M; and 8) conclusions and follow up actions;

d)   That the Rapporteurship, taking into consideration these inputs, proposes the following as a list of recommendations based on international best practices and public policies to incentivize greater adoption of IoT/M2M services in the region,

RECOMMENDS:

1.   That the Member States employ flexible regulations developed through government and industry collaboration to encourage the development and adoption of IoT/M2M services throughout the region. In addition to telecommunications and ICTs, regulations in key adjacent industries, e.g., public utilities, healthcare, and transportation, among others, should also enable the development and adoption of IoT/M2M services.

2.   That the Member States monitor market developments to support IoT/M2M services.

3.   That the Member States establish, as a general principle, the principle of technological neutrality with regard to IoT/M2M services and not impose regulatory limitations related to the type of technology used for IoT/M2M implementation, thereby allowing operators to freely choose the most suitable technology for the provision of services.

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[12]   *See* CCP.I-TIC/doc. 3792/15 and CCP.I-TIC/doc. 3901/16.

4.	That the Member States allow for the extra-territorial use of numbering resources (i.e., E.164 and E.212 numbers) to support global IoT/M2M business models and the development of innovative products and services, while not compromising public security or national sovereignty.

5.	That the Member States foster collaboration with industry to encourage the adoption of appropriate security measures with regard to IoT/M2M services, including in their respective value chains and educating end users on IoT/M2M services, to avoid cyber vulnerabilities and prevent cyber-attacks.

6.	That the Member States foster their data protection frameworks to enable cross-border data flows between a machine located in the respective Member State and a machine in another country, recognizing the balance between the need for collection, processing and use of data and the end-users' need for an appropriate level of privacy.

7.	That the Member States review equipment certification requirements to facilitate the adoption of IoT/M2M services, where warranted.

8.	That the Member States consider the implementation of tax exemptions or incentives to promote investment and research and development in IoT/M2M services.

INSTRUCTS THE SECRETARY OF CITEL:

To communicate this Recommendation to the Member States for dissemination and information purposes, and provide Member States requesting additional information on the IoT and M2M services and frameworks collected by the Rapporteurs for Technological Innovation and Trends with the appropriate contact information.

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PCC.I/DEC. 258 (XXIX-16)[13]

SOUTH SCHOOL ON INTERNET GOVERNANCE

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The 29th Meeting of Permanent Consultative Committee I: Telecommunications/Information and Communication Technologies (PCC.I),

DECIDES:

1.	To submit for consideration to COM/CITEL, at its upcoming meeting to be held in December 2016, the offer of scholarships by the South School on Internet Governance, for its 2017 course, according to the details provided in the attached ANNEX.

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[13] CCP.I-TIC/doc. 4135/16

SOUTH SCHOOL ON INTERNET GOVERNANCE

SSIG: www.gobernanzainternet.org

1. Objectives and Mission of the South School on Internet Governance (SSIG)

SSIG main mission is to increase the relevant participation of Latin American and Caribbean representatives in debates, forums and participation spaces where the Internet Governance is discussed and where Internet policy processes take place**.**

South School on internet governance:
- Creates capacity building programs for new leaders of opinion and encourages them to actively participate in meetings and debates about Internet and Internet Governance, where the future of the Internet is shaped.
- Trains professionals from the Latin American and Caribbean region in those issues related with the Internet Governance, from a global, regional and local perspective.
- Motivates young students and professionals of the Latin American and Caribbean region to actively participate in policy development processes related with the Internet and Internet Governance.

2. Background of the SSIG

The South School on Internet Governance is organized each year in a different country of the Latin American and Caribbean region. Rotation among countries of the region is relevant to involve the local community of the host country and also to allow participants from other countries and faculty members to interact with the community where the School is organized.

The SSIG has been organized with great success in:
* Buenos Aires, Argentina (March 2009)
* Sao Paulo, Brazil (March 2010)
* México DF (April 2011)
* Bogotá, Colombia (March 2012)
* Panamá, (April 2013)
* Trinidad Tobago (April 2014
* Costa Rica (April 2015)
* Sede OEA, Washington DC: USA (April 2016)

Along the eight meetings of the SSIG, more than 1700 fellows have received this training and many experts have participated as faculty members in each of the Schools organized so far.

Several of the SSIG fellows are now highly involved in organizations related with the Internet; these are some of their names and roles:

3. International and multistakeholder perspective of the South School on Internet Governance

In the South School on Internet Governance 1700 fellows have participated from the following countries and representing all different stakeholders of the Internet ecosystem.

- Argentina
- Brazil
- Bolivia
- Chile
- Costa Rica
- Colombia
- Ecuador
- Honduras
- México
- Perú
- República Dominicana
- Trinidad & Tobago
- Panamá
- Paraguay
- Uruguay
- Ukraine
- Spain
- El Salvador
- Nicaragua
- Puerto Rico
- Venezuela
- Japan

All fellows were selected after a call for applications that received. Selection of the fellows was done considering the following criteria:

- Geographic diversity
- Gender balance
- Different stakeholder representation among the fellows
- Different backgrounds and experiences of the fellows

National and International fellows received a full fellowship which covered the complete training course, hotel, meals, social activities, food, gala dinner and teaching materials.

4. SSIG from remote with channels in Spanish and English

Sartint in the fourth edition of SSIG 2012 held in Bogotá, Colombia, the South School on Internet Governance can be followed from remote thanks to a full video streaming transmission, with two full language channels in English and Spanish. The entire program has full simultaneous translation in both languages Spanish and English also for those present in the room.

Remote participation in the eighth edition organized in OAS Washington DC had 25.000 remote participants from 89 different countries, which had access to video streaming and audio in both languages Spanish and English.

5. International faculty

All SSIG editions have as faculty members experienced professionals, recognized in the region and worldwide for their experience and knowledge. All faculty members are personalities related with Internet and Internet Governance, from different countries of the world, from Latin America and from the local community where the SSIG is organized.

6. Contact

Adrián Carballo
Co-Founder
Director Institutional Relations
ESCUELA DEL SUR DE
GOBERNANZA DE INTERNET
adrian@gobernanzainternet.org

Olga Cavalli
Co-Founder
Director
ESCUELA DEL SUR DE
GOBERNANZA DE INTERNET
olga@gobernanzainternet.org

PCC.I/DEC. 259 (XXIX-16)[14]

DISSEMINATION OF THE EMERGENCY COMMUNICATIONS: QUESTIONNAIRE TO IDENTIFY CONTACTS AND POTENTIAL CAPACITY BUILDING ACTIVITIES FOR DISSEMINATION BY THE CITEL SECRETARIAT

The 29th Meeting of Permanent Consultative Committee I: Telecommunications/Information and Communication Technologies (PCC.I),

DECIDES:

1.   To request the Secretariat of CITEL to circulate the updated "Emergency Communications Questionnaire to Identify Contacts and Potential Capacity Building Activities for Dissemination by the CITEL Secretariat" (CCP.I-TIC/doc 4023/16 rev. 1) which now supersedes the "Roster of Experts" (CCP.I-TIC/doc.3913/16) to all administrations, requesting that each administration list individuals who are either seeking experience in priority areas of disaster preparedness and response or who have experience.

2.   To request Member States send their response to the CITEL Secretariat (citel@oas.org), as soon as possible and no later than October 30, 2016.

3.   The Secretariat of CITEL will then compile these results and present in the 30 Meeting of PCC.I.

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[14] CCP.I-TIC/doc. 4142/16

ANNEX TO DECISION PCC.I/DEC. 259 (XXIX-16)[15]

EMERGENCY COMMUNICATIONS QUESTIONNAIRE TO IDENTIFY CONTACTS AND POTENTIAL CAPACITY BUILDING ACTIVITIES:

FULL CONTACT INFORMATION:

Name of the country:_____

Please list individuals in your government/agency who work on aspects of communications disaster preparedness and response, as well as individuals who would like to gain experience in this area.   For each individual, please include the information requested below.

Name	Title	Institutions	Webpage	E-mail (main)	E-mail (secondary)	Phone	Main area of expertise/ or interest

PRIORITY AREAS OF INTEREST FOR CAPACITY BUILDING:

For each of the specializations below, please check all that are of interest to your government for potential capacity building efforts.

I.   Preparedness

Planning

❑ National Emergency Communications **Planning**

❑ Network **Redundancy and resiliency** planning (includes ensuring operational continuity and preparing for maintenance and restoration of primary communications channels to minimize outages, such as coordinating with industry on business continuity plans and ensuring back up networks and capacity are in place for public and emergency response communications)

❏ **Pre-Positioning** of Emergency ICT Resources (includes planning and coordination - identification of priority locations and activation policies)

❏ Establishing **Priorities for Restoration**: (includes first responder networks, emergency call centers, numbers)

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[15] CCP.I-TIC/doc. 4023/16 rev. 1

Alerting

❐ National or Local Emergency **Alert System** (includes broadcast, wireless, or IP-based)

❐ Inclusion of **Geological or Meteorological Early Warnings** with National or Local Emergency Alert Systems

Policies

❐ Creation of **Enabling Policies** (includes policies that can enable and prioritizing restoration of communications, expedited entry and transport of emergency coms, spectrum deconfliction, access, credentialing, immigration, customs clearance for incoming communications equipment and experts)

❐ Information Sharing Policies (**includes enabling coordination and information sharing** with carriers and enabling coordination and information sharing among carriers)

Coordination

❐ **Coordination with other Government Agencies** (National Disaster Management Authority, Customs, Immigration, Military, etc.) including (information sharing, situational awareness, response coordination)

❐ **Coordination with Carriers**

❑ **Domestic Stakeholder Coordination and Engagement** (could include, carriers, equipment vendors, national, regional and local officials, amateur radio and community networks (low power stations, community telecenters, etc.)

❑ **External (Foreign) Stakeholder Coordination and Engagement:** (includes UN, humanitarian and response NGO, foreign governments/militaries, carriers and equipment vendors and technology donors) to enable communications response, speed the approval process and avoid interference.

Training, Exercises and Testing

❑ **Training and Exercises** - Internal and External Stakeholders (could include testing early warning systems, coordination exercises based on regional/national outage response and restoration)

❐ **Testing of National Emergency Communications Networks** (including warning, first responder and emergency call centers)

Situational Awareness, Reporting:

❐ **Situational Awareness and Reporting Mechanisms** (public/private sector cooperation)

- ❐ **Outage and Restoration Reporting** (Reporting structure with all carriers, analysis and mechanisms for all networks including Emergency dispatch services, first responder systems, terrestrial and satellite networks, television and radio broadcasting, social media, and amateur radio) experience

- ❐ **Analysis and Information Sharing Mechanisms** (verifying, compiling, reporting and sharing outage and restoration information for all stakeholders, domestic and foreign)

- ❐ **Communications with External Stakeholders** (including use of social media and communicating with communities (CwC) across diverse groups on the status of network outages and restoration, and critical communications messaging

Restoration Activities

- ❐ **Administration, governance and coordination** (includes implementing response plans, Needs assessment and resource assignment/allocation, and after-action review)

- ❐ Network **Damage Assessment** (in coordination with carriers and other stakeholders)

- ❐ **Prioritization of Restoration**

- ❐ **Spectrum and Frequency Response** (could include licensing/authorizations, including expedited frequency and type approvals, emergency spectrum management and authorizations to avoid interference, expedited licensing approvals and possible temporary/emergency authorities to enable restoration)

- ❐ **Power** Response: Identifying available and pre-positioned Power sources (for infrastructure and individuals (charging)

PCC.I/DEC. 260 (XXIX-16)

ESTABLISHING AN AD HOC GROUP TO PREPARE CITEL FOR RPM-AMS FOR THE AMERICAS

The 29th Meeting of Permanent Consultative Committee I: Telecommunications/Information and Communication Technologies (PCC.I),

DECIDES:

1. To establish an Ad Hoc Group to prepare CITEL for the Regional Preparatory Meeting for WTDC-17 for Americas, to be held on March 1-3, 2017 in Asunción, Paraguay.

2. To designate Ms. Solana de Aspiazu (sdeaspiazu@enacom.gob.ar) of the Administration of Argentina and Mr. Kenji Kuramochi (kenji@conatel.gov.py) of the Administration of Paraguay to chair this Group.

3. To request the Chair of COM/CITEL a working session for the WG-CONF at the 32 Meeting of COM/CITEL (November 29 to December 1) in the Dominican Republic so that this Ad hoc Group can present, to the extent possible, the following:

- Regional initiatives projects;
- Project to contribute to the objectives of the ITU-D Sector in the next Strategic Plan of the Union
- Project to contribute to the Declaration of Buenos Aires

4. To establish the following tentative time-table and agenda of virtual sessions via Webex:

Wednesday, September 7:
- List of possible regional initiatives
- Review of the objectives of the Strategic Plan

Wednesday, October 5:
- Shortlist of regional initiatives
- Review of the objectives of the Strategic Plan
- Review of the Declaration of Buenos Aires

Wednesday, November 9 and 16:
- Draft of regional initiatives projects (on the basis of the shortlist)
- Draft of the project to contribute to the objectives of the ITU-D Sector in the next Strategic Plan of the Union
- Draft project to contribute to the Declaration of Buenos Aires

Wednesday, November 23:
- Regional initiatives projects (on the basis of the shortlist)
- Project to contribute to the objectives of the ITU-D Sector in the next Strategic Plan of the Union
- Project to contribute to the Declaration of Buenos Aires

Requesting the Administrations to forward, before the Friday prior to the virtual sessions, their contributions to the Chair of the Group, so that they can be compiled and this compilation forwarded, to the extent possible, 24 hours before the virtual session.

5. To request the ITU Regional Office to provide the relevant resources to hold these virtual sessions.

6. To request the ITU Regional Office to encourage, in close collaboration with the Executive Secretariat of CITEL, the active participation of Member States and to extend the invitations to each virtual session.

7. To request the Executive Secretariat of CITEL to forward this Decision to the Chair of COM/CITEL.

8. To entrust the Executive Secretariat of CITEL to forward this Decision to the Administrations and request that they communicate the information (name, e-mail) about their contacts in order to coordinate the work of this Group before September 1.

9. To encourage the Administrations to participate in this preparatory process.

VI.   LIST OF BASIC DOCUMENTS

Summary Minutes of the Inaugural Session and the First Plenary Session:	CCP.I-TIC/doc. 4137/16
Summary Minutes of the Second Plenary Session:	CCP.I-TIC/doc. 4145/16
Summary Minutes of the Third Plenary Session:	CCP.I-TIC/doc. 4147/16
List of Documents:	CCP.I-TIC/doc. 4001/16 rev.3
List of Participants:	CCP.I-TIC/doc. 4002/16 rev.1
Final Report for the Meeting:	CCP.I-TIC/doc. 4150/16
Report of the Working Group on Policy and Regulation (WGPR)	CCP.I-TIC/doc. 4138/16
Report of the Working Group on Development (WGD)	CCP.I-TIC/doc. 4140/16
Report of the Working Group on Deployment of Technologies and Services (WGDTS)	CCP.I-TIC/doc. 4141/16
Report of the Working Group for the Preparation and Follow-up of the WTSA, WCIT and WTDC (WGCONF)	N/A