

# 2017 ANNUAL REPORT

*(For consideration by the OAS General Assembly at its XLVIII Regular Session)*

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INTER-AMERICAN TELECOMMUNICATION  
COMMISSION (CITEL)



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## EXECUTIVE SUMMARY

The year 2017 was highly significant for CITELE's capacity building and its positioning in the OAS. Especially noteworthy was the holding of the World Telecommunication Development Conference (WTDC-17) and CITELE's leadership in raising the political profile of ICTs in the framework of the 47 Regular Session of the OAS General Assembly held in Cancún, Mexico, where CITELE benefited from the adoption of an individual resolution on the "PRIORITY ROLE OF THE ORGANIZATION OF AMERICAN STATES IN THE DEVELOPMENT OF TELECOMMUNICATIONS/INFORMATION AND COMMUNICATION TECHNOLOGIES THROUGH THE INTER-AMERICAN TELECOMMUNICATION COMMISSION. In terms of the budget, it was possible to uphold the allocation earmarked for CITELE from the Regular Fund of the OAS and to increase CITELE's budget from specific funds, with the approval of a higher amount for the contributory unit in 2016.

Since February 2016, CITELE and the subject of ICTs has been formally recognized by the OAS General Secretariat as an essential tool for the development of the countries, and instructions were issued in the Organization so that, in its four pillars, that is, Democracy, Human Rights, Security, and Development, the use and appropriation of ICTs are ensured by the CITELE Executive Secretariat. In this context, CITELE had an important role to play in the framework of the Ninth Inter-American Meeting of Ministers of Education (The Bahamas, February 2017), where a panel was held on the contribution of ICTs to build up the Inter-American Education Agenda of the OAS. Furthermore, CITELE attended the meeting of the Inter-American Committee on Social Development (CIDES) held in Washington, D.C., in November 2017, presenting the concept of the digital divide and its linkage to poverty. It also had the opportunity to submit to the OAS Permanent Council the manual against pay-TV fraud, which was the outcome of work carried out by mandate of Permanent Consultative Committee I: Telecommunications/ICTs of the Inter-American Telecommunication Commission, through Resolutions 242 (XXVI-15).

A the 30 Meeting of PCC.I, the Committee's work, through the WG-CONF, was aimed mainly at preparing CITELE's contributions to the **WTDC-17**, held on October 9 to 20, in Buenos Aires, Argentina. It should be mentioned that the 31 Meeting of PCC.I (Mexico) was the meeting at which the work to draft the IAPs for **WTDC-17** was concluded, reaching a total of 29. It is emphasized that CITELE is the only organization representing the Americas in the negotiations taking place at the conferences and assemblies of the International Telecommunication Union (ITU).

In general, the Consultative Committees and the working groups have steadily moved forward on broadband issues, the establishment of guidelines in various topics, the review of new provisions of the Radio Regulations adopted at the WRC-15, and various reports on priority matters for the development of telecommunications / information and communication technologies in the region.

## 1. INTRODUCTION

This Annual Report is published pursuant to the provisions of Article 90.f of the Charter of the Organization of American States (OAS), and Article 17 of the Statute of CITELE. Its contents are in keeping with the guidelines established by the OAS General Assembly in its resolution AG/RES. 1452 (XXVII-O/97) on preparation of annual reports on the activities of the organs, agencies, and entities of the Organization.

The present report covers the period from January 1 to December 1, 2017, except for its accounting and financial aspects, for which information is included until October 31, 2017, because of internal financial procedures of the OAS.

## 2. ORIGIN AND STRUCTURE OF CITELE

The Inter-American Telecommunication Commission (CITELE) is an entity of the Organization of American States established by the General Assembly in its resolution AG/RES. 1224 (XXIII-O/93), in keeping with Article 53 of the Charter of the Organization. CITELE has technical autonomy in the performance of its functions, within the limits of the Charter of the Organization, the Statute of CITELE, and such mandates as the General Assembly of the Organization may assign to it.

### 2.1 Objectives and functions of CITELE (Article 3 of the CITELE Statute)

#### Objectives

- a. To facilitate and promote, by all means available to it, the continuing development of telecommunications/information and communication technologies (ICTs) (hereinafter telecommunications/ICTs) in the Hemisphere, in pursuance of sustainable development.
- b. To promote and foster the existence of appropriate telecommunications/ICTs that contribute to the integral development process in the region, with particular attention to underserved areas.
- c. To organize promote, and evaluate the periodic holding of meetings of technicians and experts to study planning, financing, construction, operation, standardization, technical assistance, maintenance, and other matters related to the use and development of telecommunications/ICTs in the Americas.
- d. To promote the unification of criteria and technical standards for the installation, operation, and maintenance of systems, in order to obtain maximum benefit from the facilities available to each country and to the region in general, in the global standardization framework of the International Telecommunication Union (ITU) and other relevant standardization organizations.
- e. To promote and study technical assistance, in agreement with the governments of the respective countries, giving priority to the needs of developing countries.
- f. To foster the improvement and harmonization of administrative, financial, and operational procedures for the planning, installation, improvement, maintenance, and operation of the telecommunication/ICT networks of the member states of CITELE.
- g. To recommend studies and promote the adoption of official agreements among governments of member states of the Organization for the planning, installation, maintenance, and operation of telecommunication/ICT systems in the Hemisphere.
- h. To promote and encourage the study and dissemination of the impact of telecommunications/ICTs on the environment and climate change and their relationship to ICTs,

in keeping with policies developed by the ITU and other organizations with competence in this area.

- i. To promote the harmonization, equitable access, and efficient use of the radio spectrum among the member states, devoting special attention to the needs of developing countries.
- j. To promote and encourage the use and appropriation of telecommunications/ICTs in the Hemisphere, particularly by women, girls, and people with special needs.
- k. To promote capacity-building in the member states of CITELE to better attain their objectives.

## **Functions**

- a. To serve as the Organization's leading advisory body in all matters relating to telecommunications/ICTs in the Hemisphere.
- b. To promote or undertake studies and programs for the sustainable development of telecommunications/ICTs
- c. To compile and disseminate to the member states of the Organization information pertaining to the fulfillment of the objectives of CITELE, as well as any other information that may be of interest, including the results of the work of the Commission.
- d. To maintain ongoing contact with the various international governmental and nongovernmental organizations in the field of telecommunications/ICTs, and to promote mutual cooperation and coordination of their activities with those of the member states of the Organization.
- e. To analyze, propose, and implement different forms of financing to support the approved plans and projects.
- f. To study the technical, legal, economic, policy, and regulatory aspects of telecommunications/ICTs of relevance to the region.
- g. To make recommendations in the area of telecommunications/ICTs to the governments of the member states of CITELE, taking into account those made by the ITU and by other relevant organizations.
- h. To consider matters related to inter-American cooperation in the field of telecommunications/ICTs assigned to it by the General Assembly and the Summit of the Americas.
- i. To promote the development of new applications that promote the inclusion of the region's countries in the Knowledge-based Society.
- j. To identify mechanisms to encourage participation by all member states in the meetings of CITELE, and to increase the number of associate members.
- k. To promote the coordination of positions among the member states for the different international telecommunications/ICT conferences, assemblies, and meetings.

## **2.2 Members and participants**

All member states of the Organization are Members of CITELE.

The following organizations and entities may participate as observers:

- a. Permanent Observers to the Organization.
- b. Subject to COM/CITELE's approval, those American States that are not Members of the Organization and which have asked to participate in the meeting.
- c. Subject to COM/CITELE's approval, those Non-American States that are Members of the United Nations or its specialized Agencies and which have asked to participate in the meeting.

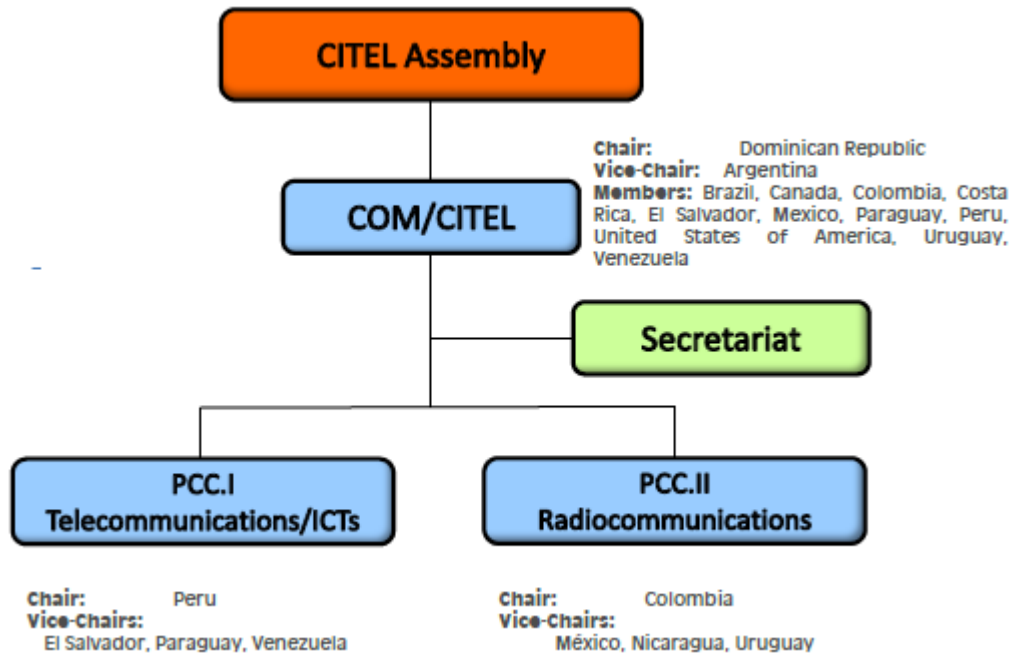
- d. Inter-American specialized organizations and entities of the Organization, and Inter-American intergovernmental regional organizations.
- e. The United Nations and its specialized agencies.
- f. International and national organizations that are parties to agreements or arrangements establishing relations of cooperation with the Organization, with its organs, organizations or agencies, when such agreements or arrangements provide for participation of observers.
- g. Subject to COM/CITEL's approval, those international, regional, sub regional and national agencies and organizations that are involved in telecommunications/ICT activities in the region and which have asked to participate in the meeting.
- h. The associate members of the Permanent Consultative Committees.

The Statute of CITEL provides that any academic entity, organization, institution, or industry related to telecommunications/ICTs which has legal personality in one of the member states and with the approval of any such State, or which has legal personality in a non-member state and with the approval of three member states of CITEL, may become as associate member of a Permanent Consultative Committee. Associate members may participate fully, with voice but without vote, in all activities of the Permanent Executive Committee selected. They may present technical documents, and receive the documents of the Committee of which they are associate members, and of its working and ad hoc groups. As of December 31, 2017, CITEL had 104 associate members. Annex A contains a complete list of associate members.

### **2.3 Structure of CITEL**

As of the Sixth Regular Meeting of the Assembly of CITEL, the structure of CITEL is, according to Annex of the Regulations of CITEL:

- Assembly of CITEL
- Permanent Executive Committee (COM/CITEL)
- Permanent Consultative Committees:
  - Permanent Consultative Committee I: Telecommunications/Information and Communication Technologies (PCC.I)
  - Permanent Consultative Committee II: Radiocommunications (PCC.II)
- Secretariat



The Permanent Consultative Committees (PCCs) provide advice on matters pertaining to their respective purviews. They establish working groups and ad hoc groups when necessary to study topics of special interest. At present, there are 15 working groups that cover different aspects of telecommunications and radiocommunications, as well as rapporteurships on topics of priority to the region.

### 3. ACTIVITIES OF CITEC

Annex B hereto contains a list of the meetings held in 2017. Annex C contains a list of CITEC's quantifiable results for 2017, and Annex D the list of resolutions, recommendations, and decisions adopted by the Committees in 2017.

#### 3.1 Permanent Executive Committee of CITEC

##### Officers:

Chair: Mr. Jose Manuel del Castillo (Dominican Republic)  
 Alternate Chair: Mrs. Katrina Nautz (Dominican Republic)  
 Vice Chair: Mr. Miguel de Godoy (Argentina)

The Permanent Executive Committee is the executive body of CITEC and generally meets once a year.

In 2017, the 33 Meeting of the Permanent Executive Committee of CITEC (COM/CITEC) held in Santo Domingo, Dominican Republic, from December 11 to 13, 2017. Among the approved topics are the operations plan for 2018, the guidelines for the adoption of Inter-American Proposals (IAP) and for the selection of spokesperson of and of the course of CITEC for 2018, as well as, the creation of a mentoring



program to prepare the administrations for ITU World Conferences and Assemblies. Likewise, two ad-hoc groups were created, one to work on the preparation of the draft of the Declaration of Buenos Aires and other to prepare the mandates of the PCCs and a methodology for presentation, discussion and approval of Inter-American Contributions (IAC), in order to advance the work in preparation for the VII Regular Meeting of the Assembly of CITELE to be held from March 13 to 15, 2018 in Buenos Aires, Argentina. Additionally, the Working Group on the Strategic Plan was entrusted to continue the work virtually to prepare the draft strategic plan for the period 2018-2022 and the corresponding draft resolution. This meeting closed with the initial work of the Conference Preparatory Group to address the Regional Preparations for World Conferences and Meetings for the preparation of the Inter-American Proposals that CITELE will take to the ITU Plenipotentiary Conference to be held in Dubai, United Arab Emirates from October 29 to November 16, 2018.

A summary of the virtual meetings held in 2017 to ensure fulfillment of the activities in connection with COM/CITELE is provided below. In addition, support was provided to the CITELE Secretariat for the development of its activities, which are reflected in document COM/CITELE/doc. 110/17.

Virtual meeting on Thursday, November 9, 2017, to dialogue about the preparations for the 33 Meeting of COM/CITELE. The agenda for this virtual meeting was as follows:

1. Consideration of the Draft Agenda for the 33 Meeting.
2. Follow-up on the implementation of the pending mandates for COM/CITELE and its Working Groups and Ad Hoc Groups.
3. Preparations for the Seventh Regular Meeting of the CITELE Assembly (Argentina, first quarter 2018).

The agenda for the virtual meeting of Tuesday, November 14, 2017, was as follows:

1. Working Group in charge of reviewing and proposing updates to the Statute and the Rules of Procedure in line with Article 17 of the Statute "Functions of COM/CITELE," subparagraphs (e) and (g) in connection with the financial, legal, and operational questions of online participation and increasing participation in CITELE's decision-making meetings.
2. Ad Hoc Group for the identification of possible improvements in the participation of associate members of CITELE.
3. Draft Calendar – 33 Meeting of COM/CITELE (doc. COM-2017-33-098).
4. Preparations for the Seventh Regular Meeting of the CITELE Assembly (Argentina, first quarter of 2018).
5. Plenipotentiary Conference (PP-18).

A virtual meeting was also held on Monday, November 20, 2017, to examine the need for a Fourth Special Meeting of COM/CITELE. Because there is no certainty about whether or not some of the countries shall be submitting proposals for amendments to the ITU Constitution and/or Convention, the meeting's participating countries decided to postpone the revision in the framework of the 33 Regular Meeting of COM/CITELE.

## **3.2 Permanent Consultative Committee I: Telecommunications/ICTs (PCC.I)**

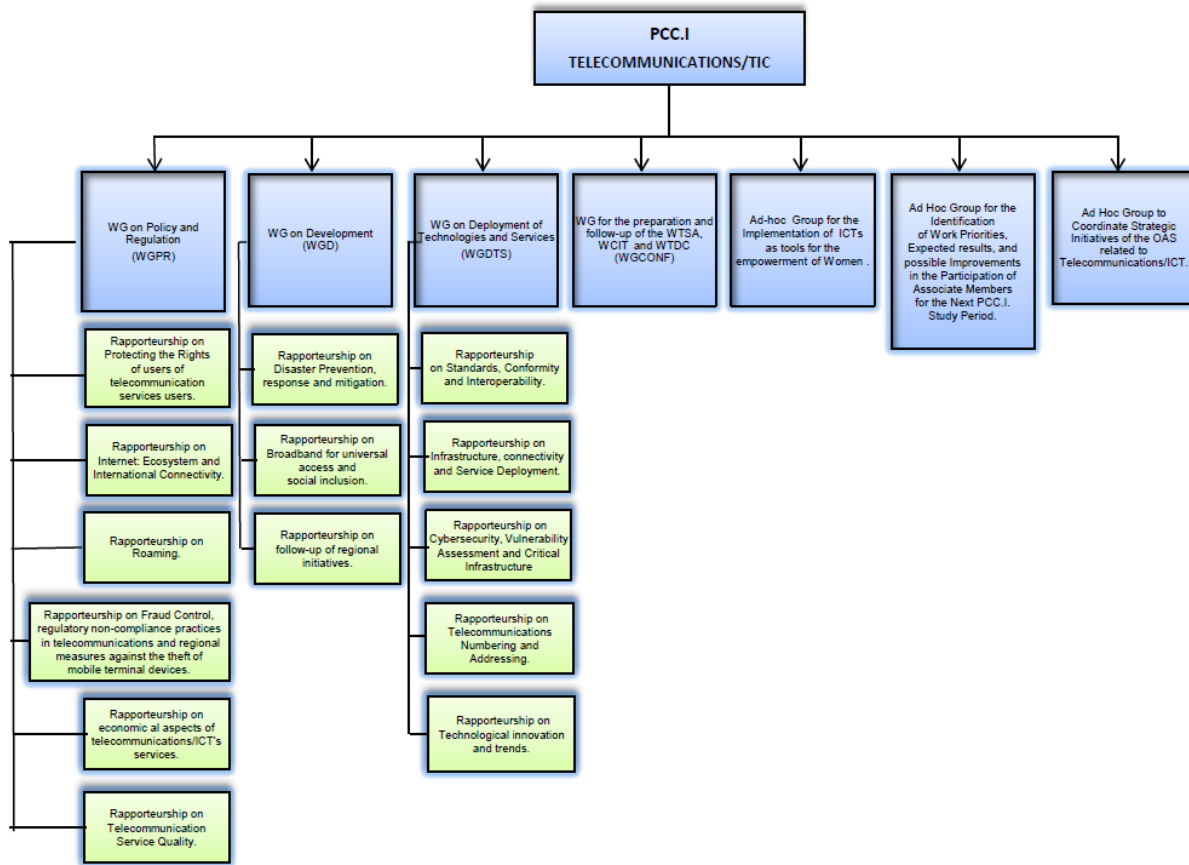
### **Officers:**

Chair: Mr. Gonzalo Martín Ruiz Diaz (Peru)

Vice Chairs: Mr. Mauricio Herrera López (El Salvador)  
 Mr. Egard Eduardo Rodas Abarca (El Salvador)  
 Ms. Teresita Palacios (Paraguay)  
 Mr. William Castillo Bolle (Venezuela)

Alternate Vice Chair: Ms. Mariana Calderón (Venezuela)

Permanent Consultative Committee I (PCC.I) serves as the advisory body of CITEL in the area of telecommunications/ICTs, especially with regard to matters of telecommunication/ICT policy, regulatory aspects, standardization, cybersecurity, international Internet-related public policy matters—insofar as those matters involve telecommunication networks or ICT infrastructure—, universal service, economic and social development, environment and climate change, infrastructure development, and new technologies.



**Main ongoing activities and new initiatives:**

- **30 Meeting** (April 18 to 21, 2017, Lima, Peru)
- **31 Meeting** (August 1 to 4, 2017, Mexico City, Mexico)

In the framework of said meetings, the following events were held:

- Workshop on Digital Inclusion and Meaningful Broadband Adoption in the Americas (April 17, 2017, Lima, Peru)
- Workshop on Implementing Smart Cities in the Americas: Innovation and Sustainability (July 31, 2017, Mexico City, Mexico)
- Seminar on Best Practices in the Provision of Information to Users (August 1, 2017, Mexico City, Mexico).

At the 30 Meeting of PCC.I, the Committee's activities through the WG-CONF were aimed mainly at preparing CITELE's contributions to **WTDC-17**, which was held on October 9 to 20, 2017, in Buenos Aires, Argentina. It should be mentioned that the 31 Meeting of PCC.I (Mexico) was the meeting at which the work of drafting IAPs for the **WTDC-17** concluded, reaching a total of 29. They are detailed below:

Inter-American Proposal	Topic
IAP 1	Proposal for the suppression of Resolution 39
IAP 2	Preliminary Draft Declaration of WTDC-17
IAP 3	Proposed amendment to Resolution 46 and suppression of Resolution 68
IAP 4	Revision of Resolution 77 – Broadband technology and broadband applications for greater growth and development of telecommunication/information and communication services and broadband interconnectivity
IAP 5	Proposed new Question on last-mile wireless broadband connectivity and services for WTDC-17
IAP 6	Proposal to update Resolution 64 – Protection and support to users/consumers of telecommunication / ICT services
IAP 7	Proposed modification to Resolution 50 and suppression of Resolution 54
IAP 8	Proposed modification of Resolution 58 – Telecommunication/information and communication technology accessibility for persons with disabilities and specific needs
IAP 9	Draft new Resolution “Connecting the next billion, impetus for new communication arrangements for underserved areas
IAP 10	Proposal to modify Resolution 76 – Promotion of ICTs among young men and women for their social and economic emancipation
IAP 11	Proposal to revise Resolution 79 for WTDC-17
IAP 12	Proposal to revise Resolution 47 for WTDC-17
IAP 13	Proposal to revise Resolution 67 – Function of the ITU telecommunication development sector for the online protection of children
IAP 14	Proposed update to Resolution 17 – Implementation of national, regional, inter-regional, and global plans of the initiatives approved by the region
IAP 15	Proposed modification to Resolution 11 – Telecommunication/ICT services in rural, isolated and poorly served and indigenous communities
IAP 16	Proposed modification to Resolution 55 – Mainstreaming a gender perspective for an

	inclusive and egalitarian information society
IAP 17	Proposal for the Strategic Plan
IAP 18	Proposal for the ITU-D Plan of Action
IAP 19	Proposed modification to Resolution 9 – Participation of the countries, especially developing countries, in frequency spectrum management
IAP 20	Proposed modification to Resolution 62 – Problems of measurement relative the exposure of persons to electromagnetic fields
IAP 21	Proposed revision of Resolution 34
IAP 22	Proposed revision to Resolution 8
IAP 23	Modification to ITU-D Study Group 1 Question 6/1 “Consumer information, protection and rights: Laws, regulations, economic bases, consumer networks”
IAP 24	Proposed revised Question on emergency communications for WTDC-17
IAP 25	Proposed revision of Resolution 40
IAP 26	Proposed revision of Resolution 66
IAP 27	Proposed revision of Resolution 1
IAP 28	Proposed modification to Resolution 80 – Establishing and promoting trusted information frameworks in developing countries to facilitate and encourage electronic information exchanges between economic partners
IAP 29	Proposed modification to Resolution 63 – Facilitating the rollout of IPv6 in developing countries

A summary of the principal results of PCC.I activities in 2017 is provided below:

- Holding the Workshop on Implementing Smart Cities in the Americas: Innovation and Sustainability (**Resolution CCP.I/RES. 278 (XXX-17)**).
- Promoting the digital economy in the Americas (**Resolution CCP.I/RES. 279 (XXX-17)**).
- Approval to hold the Seminar on Control of Mobile Devices with Altered/Duplicate Identifiers (**Resolution CCP.I/RES. 280 (XXX-17)**).
- CITELE Index of Broadband Development in the Americas Region (**Resolution CCP.I/RES. 281 (XXX-17)**).
- Creating the Ad Hoc Group for the application of information and communication technologies (ICT) as tools for the empowerment of women (**Resolution CCP.I/RES. 283 (XXX-17)**).
- Guidelines for digital inclusion and meaningful broadband adoption in the Americas (**Resolution CCP.I/RES. 285 (XXXI-17)**).
- Roadmap proposal for follow-up to move forward with the project to support disaster response and mitigation through telecommunications (**Resolution CCP.I/RES. 287 (XXX-17)**).
- Terms of reference for the Ad Hoc Group for the implementation of ICTs as tools for the empowerment of women (**Resolution CCP.I/RES. 288 (XXXI.17)**).
- Holding a Workshop to empower women and girls through ICTs in the framework of the Ad Hoc Group of the 32 Meeting of PCC.I in 2018 (**Resolution CCP.I/RES. 289 (XXXI-17)**).

In addition, this Working Group proposed, for approval by the Plenary Session, the draft Decision “Establishing an Ad Hoc Group to Prepare CITELE for RPM-AMS,” aimed at organizing CITELE’s preparatory work for WTDC-17 to be held in 2017.

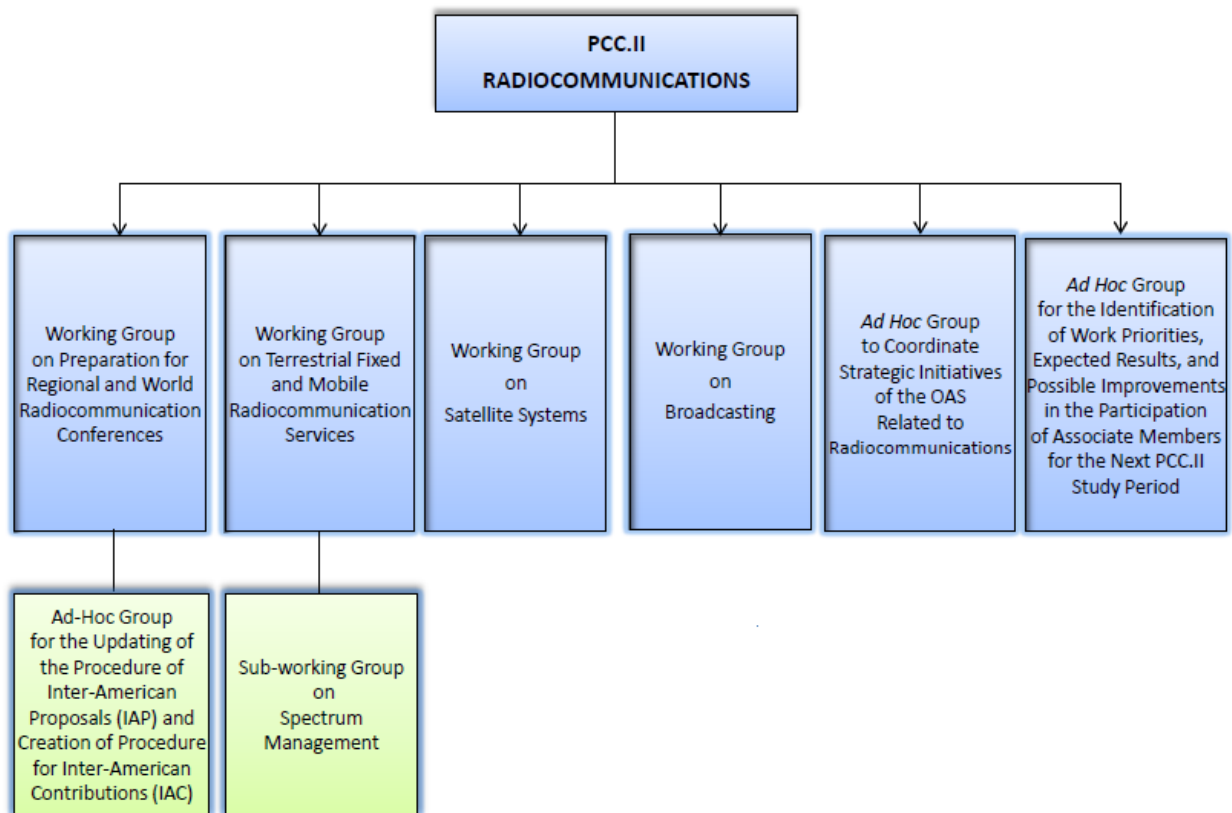
### 3.3 Permanent Consultative Committee II: Radiocommunications (PCC.II)

#### Officers:

Chair:	Mr. David Luna (Colombia)
Alternate Chair:	Mr. Franklin Merchán (Colombia)
Vice Chairs:	Mr. Jose de Jesus Arias Franco (Mexico) Ms. Celina Delgado (Nicaragua) Mr. Gabriel Lombide (Uruguay)
Alternate Vice Chairs:	Mr. Héctor Budé (Uruguay) Mr. Juan Carlos Morales (Nicaragua)

Permanent Consultative Committee II (PCC.II) serves as an advisory Committee of CITELE, promoting the planning, coordination, harmonization, and efficient use of the radio spectrum, and of the geostationary and non-geostationary satellite orbits for radiocommunication services including broadcasting.

The **29 Meeting of PCC.II** was held in Orlando, Florida, USA from June 26 to 29, 2017, and the **30 Meeting of PCC.II** took place in Barranquilla, Colombia, from November 27 to December 1, 2017.



### Main activities in progress and new initiatives:

- **Radiocommunication Assembly (RA) and World Radiocommunication Conference (WRC-19):**

The Working Group for the Preparation of CITEI for Regional and World Radiocommunication Conferences is already moving forward with the work needed to submit, to the World Radio Conference 2019 (WRC-19), inter-American proposals (IAPs) on the contents of the ITU Radio Regulations dating back to 1995, based on the experiences gained in prior processes such as for the WRC-15. The Administrations of the member states of OAS/CITEI have already held four of the seven meetings of PCC.II, in which, on the road to WRC-19, they are considering Preliminary Views, Preliminary Proposals, Draft Inter-American Proposals, and Inter-American Proposals, with respect to the items on the Agenda of WRC-19, as registered in the following documents:

- Compendium with all **Preliminary Views**: document **CCP.II-RADIO/doc.4356/17 rev.1 cor.1.**
- Compendium with all **Preliminary Proposals**: document **CCP.II-RADIO/doc. 4357/17 rev.1 cor.1.**
- Compendium with all **Draft Inter-American Proposals (DIAPs)**: document **CCP.II-RADIO/doc. 4358/17 rev.1 cor.1.**
- Compendium with all **Inter-American Proposals (IAPs)**: document **CCP.II-RADIO/doc. 4359/17 rev.1 cor.1.**

These and all the documents of PCC.II of CITEL, preparing for WRC-19, are available on CITEL's web page on internet: <https://www.citel.oas.org/es/paginas/pccII/wrc.aspx>

- **Inter-American Proposals (IAPs) and Creating Procedures for Inter-American Contributions (IACs)**

According to the definition in Article 94 of the CITEL Rules of Procedure, an Inter-American Proposal (IAP) is a Preliminary Proposal or a Draft Inter-American Proposal, which has been supported by at least 6 (six) Administrations and is not opposed by more than 50% (fifty percent) of the total number of supports obtained.

The procedure currently in force to prepare and adopt Inter-American Proposals (IAPs) for a World Radiocommunication Conference (WRC) was established in 2015 by the 26 Meeting of PCC.II by means of its Resolution CCP.II/RES. 105 (XXVI-15).

At its 28 meeting, PCC.II issued its Decision CCP.II/DEC. 188 (XXVIII-16) "Creating an Ad Hoc Group for the updating of the procedure for Inter-American Proposals (IAPs) and creation of the procedure for Inter-American Contributions (IACs)" which has been working the 29 and 30 meetings. At the 30 meeting, as reflected in Resolution CCP.II/RES. 121 (XXX-17), this Ad Hoc Group submitted the work to update the procedure for IAPs as set forth in the above-mentioned Resolution 105, revoking the latter, whereby, with Decision CCP.II/DEC. 199 (XXX-17), this Ad Hoc Group was instructed to continue working on creating the procedure for Inter-American Contributions (IACs).

- **Terrestrial Fixed and Mobile Radiocommunication Services**

On November 29, 2017, two workshops were held on this subject in the framework of the 30 Meeting of PCC.II.

- Seminar on High-Altitude Platform Stations (HAPS) and related WRC-19 considerations: inspired by the wish of the Heads of State and Government at the Seventh Summit of the Americas, to encourage inclusive innovation, for the purpose of ensure a significant increase in access to regional broadband for 2015 in order to close the digital divide, and striving to help the member states of CITEL in their understanding of HAPS technologies to provide broadband and facilitate its preparations to consider the HAPS spectrum needs for broadband at WRC-19.
- Seminar on Spectrum Needs for continuous monitoring, control, and protection of the critical infrastructure used by the utilities: inspired by the need to promote, among the member states, harmonization in the use of the radio spectrum, especially bearing in mind the need to prevent and avoid harmful interferences, as well as protecting against the electromagnetic environment; and the need of utilities to urgently gain access to additional spectrum that can support higher-capacity applications and provide enough coverage over a broad area in order to meet regulatory and industrial requirements related to security, reliability, efficiency, and environmental quality.

- **Review and update of IARP:**

Now that more than 20 years have elapsed since the adoption of the Inter-American Convention on an International Amateur Radio Permit (IARP), PCC.II at its 27 Meeting resolved to establish

an Ad Hoc Group for the purpose of reviewing and updating said Convention in line with present-day technological realities. At the 28 Meeting of PCC.II, a draft amendment to the articles of the IARP was submitted to the consideration of the member states of CITELE; it was submitted to the consideration of the Administrations until the 29 Meeting of PCC.II. At the 29 meeting, an agreement was reached about the final text, to be referred, along with Resolution CCP.II/RES. 115 (XXIX-17) on Reform of the Inter-American Convention on an International Amateur Radio Permit (IARP) for consideration at the 33 meeting of COM/CITEL, to be held on December 11 to 13, 2017 in the Dominican Republic. With the approval of COM/CITEL, the amendment can be referred to the consideration of the Seventh Regular Meeting of the Assembly of CITELE (Buenos Aires, Argentina, February 13 to 15, 2018) and after the document is approved by CITELE's executive body, it shall be submitted for approval to the 48 Regular Session of the OAS General Assembly, where it is expected that the amendment would formally become an international treaty, at which time it would be available for signing by the member states of OAS/CITEL that choose to incorporate it into their domestic legislation. The Convention shall enter into force the thirtieth day as of the date on which two States have become Parties to the Convention and their depository shall be the General Secretariat of the OAS in Washington, D.C.

In addition, the activities inherent to the working groups of PCC.II have made it possible to continue making recommendations with respect to the IMTs, the use of frequency ranges for satellite TV applications, critical infrastructure, radio broadcasting policies, as well as terrestrial and fixed radiocommunication services, spectrum management, satellite systems, the coordination of the strategic initiatives of the OAS on radiocommunications and strengthening the role of Associate Members in CITELE activities, among others.

In 2017, the following activities are of note:

**The 29 Meeting of PCC.II approved the following:**

Resolutions

- Proposal to the Seventh Regular Meeting of the Assembly of CITELE for approval of amending the Inter-American Convention on an International Amateur Radio Permit (IARP).
- Adjustment of the name of the Working Group on Satellite Systems for the Provision of Fixed and Mobile Services to that of Working Group on Satellite Systems.
- Holding the Seminar on Spectrum Needs of Utilities for continuous monitoring, control and protection of the critical infrastructure used by utilities in the framework of the 30 Meeting of PCC.II.
- Holding the Seminar on High-Altitude Platform Stations (HAPS) and related WRC-19 Considerations in the framework of the 30 Meeting of PCC.II.
- Proposed timeline for CITELE WRC-19 preparation.

Recommendations

- Frequency arrangements for the terrestrial component of IMT in the bands 3300-3400 MHz, 3400-3600 MHz, and 3600-3700 MHz, or combinations thereof (Band C).
- Frequency arrangements for IMT in the band 1427-1518 MHz (Band L).

Decisions

- Creation of a mentoring program.
- Extension of the deadline for the submission of documents for meetings of PCC.II.
- Creating an Ad Hoc Group for the identification of work priorities, expected results, and possible improvements in the participation of associate members for the next PCC.I study period.



- Creation of Ad Hoc Group to coordinate strategic initiatives of the OAS related to radiocommunications.
- WRC-WG document website placement.
- Liaison response to ITU-R Working Party 5A on the revision of Recommendation ITU-R M.2015-1 and possible suppression of Recommendation ITU-R M.1826.
- Appointment of Rapporteur to ITU-R Working Party 5B on radiolocation, amateurs, maritime, and aeronautical.
- Appointment of Rapporteur to ITU-R Working Party 7B on space science services.

**The 30 Meeting of PCC.II approved the following:**

Resolutions

- Inter-American Proposals for World Radiocommunication Conferences (new procedure).
- CITEL Seminar on terrestrial IMT-2020.
- Seminar on the fixed and mobile satellite services and their role

Recommendations

- Frequency arrangements for the terrestrial component of IMT in the band 614-698 MHz.
- Spectrum Management for MTC/IOT/M2M applications.
- Guidance on a licensing framework for authorization and operation of earth stations in motion communicating with geostationary space stations in the fixed satellite service in the frequency bands 10.95-11.2 GHz, 11.45-117 GHz, 11.7-12.2 GHz, and 14.0-14.5 GHz in the Americas
- Spectrum use of the frequency range of 470-698 MHz by the broadcasting service.

Decisions

- Work of the Ad Hoc Group to create the procedure for Inter-American Contributions (IACs).
- Monitoring of the power levels of unwanted emissions in the out-of-band domain by base stations providing IMT services with LTE radio interfaces.
- Electronic correspondence group on the satellite broadband systems in the Americas.

- **Seminars, workshops, and informative meetings**

The following seminars, workshops, and informational meetings were held in 2017.

Seminar/Workshop/Course	Speaker/Date/Site
Seminar on High-Altitude Platform Stations (HAPS) and Related WRC-19 Considerations	Bogotá, Colombia, November 29, 2017, from 2:00 to 4:00 p.m., Barranquilla, Colombia
Second Forum of the 2030 ICT Alliance for the Americas Seminar on Spectrum Needs of Utilities for continuous monitoring, control, and protection of the critical infrastructure used by the utilities	November 29, 2017, from 4:30 to 6:30 p.m., Barranquilla, Colombia

The following seminars, workshops, and information meetings are scheduled for 2018:

Seminar/Workshop/Course	Speaker/Date/Site
Seminar on Satellites and their Role	To be held in the framework of the 31 Meeting of PCC.II
CITEL Seminar on terrestrial IMT-2020	To be held in framework of the 32 Meeting of PCC.II

The following meetings are planned to be held in 2018:

Meeting	Date/Site
<p><b>Regional Meeting for the Coordination of Frequencies on the Use of the VHF and UHF Bands</b></p> <p>Third Regional Meeting for the Coordination of Frequencies on the Use of the VHF and UHF bands</p>	<p>Coordinators and speakers: ITU Secretariat and CITEL Secretariat</p> <ul style="list-style-type: none"> <li>• March 2018</li> <li>• Attendance: CARICOM country to be determined</li> </ul> <p>Further dates and meetings will be set in line with the work plan agreed upon with ITU.</p>

## 4. ACTIVITIES OF THE SECRETARIAT

The Secretariat has the following objectives and duties: acting as CITEL's permanent central and administrative body; coordinating the administrative services needed to implement the decisions of the CITEL Assembly, COM/CITEL, and the Permanent Consultative Committees; and discharging the duties assigned to it by these bodies. In that respect, it is indispensable to ensure the best performance of the CITEL Secretariat in fulfillment of its mandate:

- The CITEL Secretariat has a team that is highly committed to its work, with admirable dedication, and that is working at an increasingly faster pace because of the large volume of meetings that are held in the framework of the bodies of CITEL and ITU.
- It is worth noting the demands of various preparatory processes, which are carried out on a parallel basis in many different forums, and for which CITEL staff must be careful to deliver results on time regarding all matters.
- In view of this reality, all member states are cordially invited to contribute additional specific funds or the allocation of staff from their respective government on secondment to support the CITEL Secretariat. Associate members are also invited to contribute additional financial resources that would make it possible to hire specialized staff that can contribute to strengthening the assistance that countries are requesting from the CITEL Secretariat.

### 4.1 Repositioning CITEL in the OAS: Supporting the initiatives of the Secretary General and the pillars of the OAS

On the basis of Executive Order 16-02 rev. 1 of February 2016, the OAS Secretary General, Luis Almagro, decided to establish five Strategic Initiatives, namely: 1) School of Governance, 2) Social

Conflicts, 3) Interconnectivity in the Caribbean, 4) Inter-American Education System, and 5) Natural Disaster Response. He determined that, bearing in mind the cross-cutting nature of ICTs and that they have become an essential tool for the development of the countries, the use and appropriation of ICTs must be ensured in the Organization's four pillars (democracy, human rights, integral development, and multidimensional security) and in the five Strategic Initiatives.

Of the five initiatives mentioned above, the OAS Executive Secretariat for Integral Development (SEDI) and CITELE are in charge of promoting two initiatives: Interconnectivity in the Caribbean and Natural Disaster Response. For the purpose of supporting this initiative, in 2017 Ad Hoc Groups were created in both Permanent Consultative Committees of CITELE.

- CCP.I/DEC. 269 (XXX-17) CREATION OF AD HOC GROUP TO COORDINATE STRATEGIC INITIATIVES OF THE OAS RELATED TO TELECOMMUNICATIONS/ICT
- CCP.II/DEC. 192 (XXIX-17) CREATION OF AD HOC GROUP TO COORDINATE STRATEGIC INITIATIVES OF THE OAS RELATED TO RADIOCOMMUNICATIONS

This repositioning that CITELE has achieved over the past year is the result of the Secretary General's recognition of the work of CITELE's Executive Secretary and his team. Intense internal educational work has been carried out on the impact of ICTs as a tool of development; inputs are constantly being provided to other areas of the Organization to strengthen joint work; and it was possible, for the first time, to raise the issue of ICTs at the OAS General Assembly. This has contributed to positioning the use of ICTs so that OAS can most effectively achieve its objectives and make them available to a larger number of persons.

In this context, the Executive Secretary of CITELE, along with the Chair of the Drafting Group of the Administration of Uruguay and in partnership with consultants and various companies of the telecommunication sector coordinated the development of the print and online publication of this useful manual against pay-television fraud. This manual is the result of work carried out by a mandate of Permanent Consultative Committee I: Telecommunications/ICTs of the Inter-American Telecommunication Commission by means of Resolution 242 (XXVI-15). The manual was submitted by the Executive Secretary of CITELE and the delegate of the Alliance against Fraud, Ms. Marta Ochoa, to the Permanent Council of the OAS on October 25, 2017.

In the future, if the member countries of CITELE deem it relevant, work could be done to promote the drafting of a model law in the OAS to prevent this type of offense. Indeed, this work supports the following strategic objectives of the OAS:

- To support the member states in developing domestic legislation based on the resolutions and declarations adopted and inter-American legal norms.
- To promote international law, both public and private, among the various stakeholders of the Inter-American system and contribute to the drafting of inter-American legal norms as a way to strengthen the rule of law.

Furthermore, bearing in mind that technology is changing the ways of interacting among persons, the States, the private sector, and other stakeholders, the CITELE Secretariat joined the seminar organized in the OAS on Connectivity and Freedom of Expression in the Americas: Public and Regulatory Policy Lessons on September 28, 2017, in Washington, D.C.

The seminar brought together international experiences of the best regulatory policies for the creation of a universal connectivity environment of telecommunications that would contribute to building up the

exercise of freedom of expression and press in the Americas. To this end, it benefited from the participation and opinion of panelists and experts of the region.

The CITELE Secretariat, headed by its Executive Secretary, coordinated the Panel on the State of Connectivity, Market Evolution, and Progress in Competency, in which the Alternate Chair of PCC.I, Mr. Sergio Cifuentes, Acting General Manager of OSIPTEL, participated. And Mr. Nicolás Sendoya, Director of the Regulatory Unit of the Communication Services (URSEC) of Uruguay, participated in the panel on Connectivity and Freedom of Expression.

It is important to continue strengthening, in the OAS, the theme of telecommunications/ICTs as a political impact tool to speed up the development of the countries of the Americas.

## 4.2 2030 ICT Alliance for the Americas

The *2030 ICT Alliance for the Americas* is an initiative of the OAS Secretary General that strives to promote the region's development through ICTs, recognizing the need to support OAS member states on the road to mainstreaming ICTs into their national policies in the framework of the **United Nations 2030 Agenda for Sustainable Development**.

### Objectives of the Alliance:

1. Work together to contribute to the global goal to connect 1.5 billion people more by the year 2020.
2. Ensure that every public school in the Americas is connected to the Internet before the year 2030, and to create relevant local contents.
3. Promote digital training and contribute to improving the quality of education, and develop talents for the new digital economy.
4. Strengthen democratic participation in the Americas through ICTs.

## Advances

### Digital Mobile Classrooms

Encouraged by the 2030 ICT Alliance and in the framework of SDG 17, the CITELE Secretariat proposed to one of its associate members, Fundación Telefónica, to contribute Digital Mobile Classrooms for the Caribbean countries, through ProFuturo activities, whose principal object is to reduce the educational gap using ICTs and promoting the digital education of boys and girls in the most disadvantaged sectors. Thus, on February 10, 2017, in the framework of the Ninth Inter-American Meeting of Ministers of Education, a panel was held on the contribution of ICTs to strengthening the OAS Inter-American Education Agenda. OAS/CITELE launched an open invitation for the participation of the governments of the Caribbean in the project of **Digital Mobile Classrooms**, which provides a low-cost, high-impact, and comprehensive digital education solution with contents in linguistics, science, technology, engineering, and mathematics (STEM), and life values and skills. On August 31, requests were received from 13 governments of **CARICOM** interested in implementing this project in their countries: Bahamas, Barbados, Belize, Dominica, Grenada, Guyana, Haiti, Jamaica, Saint Kitts and Nevis, Saint Lucia, St. Vincent and the Grenadines, Trinidad and Tobago, and Suriname. At present, coordination is moving forward with the focal points to start implementing the project in selected schools in September 2018. The cost of the

project amounts to about US\$1.7 million, which shall be funded by ProFuturo directly in the beneficiary countries and include equipment, teacher training, and a platform of educational contents. The CITEL Secretariat is in charge of project management and coordination.

### **Mobile Applications**

On January 16, 2017, OAS and Telefónica launched together a contest called STEM4Good Americas for the purpose of motivating young entrepreneurs to create **mobile applications** with MIT's App-Inventor. This online contest was aimed at developing technological skills among young people and putting their creativity at the service of others on the basis of solutions that contribute to a higher quality of living, within the framework of the United Nations Sustainable Development Goals. In addition support was provided by Lego Education, which donated robot-building kits to the winners. STEM4Good Americas is within the framework of the 2030 ICT Alliance for the Americas and is aligned with the goals of the United Nations 2030 Agenda for Sustainable Development. The OAS, through the CITEL Secretariat and Telefónica Digital Education chose the winners of the contest on June 17, 2017. The contest was a success, with almost 4,000 participants, including students between 14 and 18 years of age and teachers coming from the various OAS member states, of which 3,000 took the training course and can create mobile-Apps applications. The nine winning projects are from Colombia, Ecuador, El Salvador, Guatemala, and Mexico.

The companies participating in the Alliance to date are: **América Móvil, CISCO, Millicom, and Telefónica. Microsoft** indicated to CITEL that it was interested in joining the Alliance and shall formally pledge its participation in December this year. We call upon the member associates of CITEL to join this initiative.

The steps that the Executive Secretary of CITEL has taken in the following forums and meetings, leading to the affiliation of new associate members, are also noteworthy:

**a. February 2017 – Ninth Inter-American Meeting of Ministers of Education (CIDI)**

This Ninth Inter-American Meeting of Ministers of Education was held on February 9 and 10. At the meeting, the Memorandum of Understanding between the General Secretariat of the OAS—through the Inter-American Telecommunication Commission (CITEL) and the Executive Secretariat for Integral Development (SEDI)—and ProFuturo was signed, and it was agreed that the Digital Mobile Classrooms Project would be implemented in the CARICOM countries.

**b. February 2017 – ITU Regional Development Forum for the Americas (RDF)**

This Regional Development Forum was held on February 21 as an event leading up to the Regional Preparatory Meeting for WTDC-17 for the Americas (RPM-AMS). The purpose was to promote a high-level dialogue between CITEL, ITU, governments, regulators, member states, and members of ITU sectors. The guidelines that had been drafted during the World Telecommunication Development Conference (WTDC) held in Dubai in 2014 were discussed, and the challenges being encountered and the opportunities for interested parties to contribute effectively to the work carried out by the BDT in the Americas region were described.

**c. February 2017 – Mobile World Congress – Ministerial Programme**

The Ministerial Programme, held jointly with the Mobile World Congress, provides a platform to world leaders who exert an impact on the telecommunication sector to share ideas and engage in discussions for

the purpose of connecting everybody, with the participation of the ministries of telecommunications, finance, and health; national telecommunication regulatory authorities and central banks; senior representatives of intergovernmental bodies and selected international organizations; and executive representatives and persons in charges of regulatory matters in the mobile telecommunication industry, including network operators and providers.

**d. June 2017 – Fifth Latin American Telecommunications Congress (CLT-17)**

CLT-2017 was held on June 20 to 23. The CITELE Executive Secretariat participated on June 20 and 21. At the Congress, the responses of public policymaking to the implications of digitalization and the progress made in digital technologies in our countries were discussed.

An explanation was provided on how productive transformation consists of creating better jobs by working in coordination with companies and workers. Likewise, a review was carried out on how the region's prospects with respect to this matter provide many opportunities: accumulation of productive capacity, adoption of technology, education for competitiveness, safe and stable business environment, infrastructure, among others. In addition, there were discussions about the institutional context and initiatives regarding the digital economy and cross-border e-commerce, as highlighted by various subregional trade partnerships and blocs.

**e. September 2017 – Seminar on Connectivity and Freedom of Expression in the Americas: Public and Regulatory Policy Lessons**

Bearing in mind that technology is changing the way persons, States, the private sector, and other stakeholders interact, the CITELE Secretariat joined the seminar organized at the OAS by the Democracy Building Secretariat on Connectivity and Freedom of Expression in the Americas: Public and Regulatory Policy Lessons that was held on September 28, 2017, in Washington, D.C.

From the standpoint of connectivity, efforts were made to promote bridging the wide gaps in connectivity and thus to contribute to the region's social and economic development. The seminar brought together international experiences of best regulatory policies to create a universal telecommunication connectivity environment that contributes to strengthening freedom of expression and press in the Americas.

**f. October 2017 – FUTURECOM 2017**

The FUTURECOM 2017 Congress was held from Monday, October 2 to Thursday, October 5, with the participation of those in charge of public policymaking, telecommunication regulators, regional and international organizations, representatives of industry, and leading academics who discussed public policymaking responses to the implications of digitalization and the inroads made by digital technologies in our countries.

**g. November 2017 – Inter-American Commission for Social Development (CIDES)**

The fourth meeting of CIDES took place in Washington, D.C., on November 9 and 10, 2017, and the CITELE Executive Secretariat made a presentation on the alternatives for bridging the digital divide and its linkage to poverty, on the basis the digital ecosystem, at the request of the OAS Secretariat for Access to Rights and Equity.

**4.3 Administrative and budgetary issues**

The CITELE Secretariat duly conducted a follow-up on the progress achieved in negotiating the resolution on the Program-Budget of the OAS for 2018, which took place in the weeks prior to the 52 Special Session of the OAS General Assembly held in Washington, D.C., on November 10, 2017. As a result of the steps taken by the CITELE Secretariat and support from member states, it was possible to uphold, for the year 2018, the same budget for CITELE in the Regular Fund of the OAS as the one CITELE had in 2017.

#### 4.4 Representation of CITELE in other forums

OAS/CITELE was represented at the meetings indicated below.

Meeting	Date, site	Spokesperson	Delegates
Ninth Inter-American Meeting of Ministers of Education	February 9 and 10, 2017, Nassau, Bahamas	Oscar León, Executive Secretary of CITELE	
Third Meeting of CPB19 PTB	February 7 to 9, 2017, Copenhagen, Denmark		Dante Ibarra (USA) Jonathan Williams (USA) Andrew Feltman (USA)
ITU Regional Development Forum for the Americas Region (RDF-AMS)	February 21, 2017, Asunción, Paraguay	Oscar León, Executive Secretary of CITELE  María Celeste Fuenmayor, IT Specialist for CITELE	
Regional Preparatory Meeting (RPM-AMS) for the World Telecommunication Development Conference 2017 (WTDC-17) for the Americas	February 22 to 24, 2017, Asunción, Paraguay	Oscar León, Executive Secretary of CITELE  María Celeste Fuenmayor, IT Specialist for CITELE	
Ministerial Programme 2017 Mobile World Congress	February 27 to March 1, 2017, Barcelona, Spain	Oscar León, Executive Secretary of CITELE	
ITU Regional Meeting for the Coordination of Frequencies on the Use of the VHF Band (174-216 MHz) and the UHF Band (470-806 MHz)	March 8 to 10, 2017, Managua, Nicaragua	María Celeste Fuenmayor, IT Specialist for CITELE	
Retreat to prepare for WTDC-17	March 13 and 14, 2017, Geneva, Switzerland	Oscar León, Executive Secretary of CITELE	
Third Meeting of the Conference Preparatory Group (CPG19-PTB)	March 14 to 17, 2017, Vienna, Austria		Brandon Mitchell (USA) Charles Glass (USA) Dante Ibarra (USA) Luciana Camargos (Brazil)
Seventh ITU Green Standards Week	April 3 to 5, Manizales, Colombia		Katrina Naut (Dominican Republic) Martha Suárez (Colombia)
ECC PT1#55 (ECC PT1)	April 24 to 28, 2017, Berlin, Germany		Christine Di Lapi (USA)
Third Meeting of the APT Preparatory Group for WTDC-17 (APT WTDC-17-3)	June 5 to 7, 2017, Bangkok, Thailand		Eric Salzman (USA)

Meeting	Date, site	Spokesperson	Delegates
Fifth Latin American Telecommunications Congress (CLT)	June 20 to 23, 2017, Cartagena, Colombia	Oscar León, Executive Secretary of CITEL	
Second Meeting of the APT Conference Preparatory Group for World Radiocommunication Conference 2019 (APG19-2)	July 17 to 21, 2017, Bali, Republic of Indonesia		Brandon Mitchell (USA) Dante Ibarra (USA) Franz Zichy (USA)
32 International Information and Communication Technologies (ICT) Congress (ANDICOM 2017)	August 23 to 25, 2017, Cartagena, Colombia	Oscar León, Executive Secretary of CITEL	
Second ATU Preparatory Meeting for World Radiocommunication Conference 2019 (APM19-2)	September 11 to 15, 2017, Dakar, Senegal		Dante Ibarra (USA)
FUTURECOM-2017	October 2 to 5, 2017, São Paulo, Brazil	Oscar León, Executive Secretary of CITEL	
Inter-Regional Brainstorming to Exchange Information on Regional Preparations for the 2017 World Telecommunication Development Conference (WTDC-17)	October 8, 2017, Buenos Aires, Argentina	Oscar León, Executive Secretary of CITEL  María Celeste Fuenmayor, IT Specialist for CITEL	
World Telecommunication Development Conference (WTDC-17)	October 9 to 20, 2017, Buenos Aires, Argentina	Oscar León, Executive Secretary of CITEL  María Celeste Fuenmayor, IT Specialist for CITEL	
Commonwealth Spectrum Management Forum (CSMF)	October 25 to 27, 2017		Luciana Camargos (Brazil)
Fifth Meeting of CPG PTB	December 6 to 8, 2017, Copenhagen, Denmark		Elisabeth Neasmith (Canada)

## 5. MAINSTREAMING GENDER IN THE WORK OF CITEL

In 2017, the Ad Hoc Group for the application of information and communication technologies (ICT) as tools for the empowerment of women, as part of its work, issued the Call for the Award “ICTs to Prevent and Eradicate Violence against Women,” which recognized the three best initiatives, projects, programs, or examples of public policymaking involving the use of information and communication technologies and noteworthy for their application and support in the Americas Region to prevent and eliminate violence against women. Of the 45 proposals that were received, the three winning proposals were:

- Mobile application Ellas Libres de Violencias, Todas Libres, Todas con Ellas [Women without Violence, All of them Free, Everybody with Them] (National Women’s Network, Colombia)
- Ecos de Mirabal (Ecos de Mirabal, Civil Society, Mexico)



- PLP 2.0: An App to Protect Women against Violence (Consortium, among which Themis-Género, Justiça et Direitos Humanos, Geledés-Instituto da Mulher Negra, and Conceptu, Brazil)

At its 30 Meeting held in Lima, Peru, PCC.I also issued resolution CCP.I/RES. 283 (XXX-17) to terminate the functions of the PCC.I Ad Hoc Group for the application of information and communication technologies (ICT) as tools for the empowerment of women, whose principal goal was to identify the use of ICTs as a tool for the prevention and elimination of violence against women and which was established by Resolution CCP.I/RES. 243 (XXVI) spearheaded by Mexico, and to create a new group bearing the same name but with the goal of identifying opportunities for improvement and mechanisms to boost and broaden the empowerment of women girls using ICTs, including actions, activities, and public-private partnerships that contribute to reinforcing the rights of women in the information society, as well as with respect to gender equality and equity. This new Ad Hoc Group shall be open to the participation of all member states of CITEI and shall be chaired by Canada, and its vice-chair shall be the Dominican Republic.

In addition, it instructed the Group to draft new terms of reference and prepare a roadmap for the period 2017-2018 for the purpose of establishing the activities and determining the projects and human and financial resources needed to promote the empowerment of women on the basis of ICT access, use, and leadership, which were presented at the 31 Meeting of PCC.I held in Mexico City, in August 2017. It also approved a half-day workshop on the empowerment of women and girls using ICTs in the framework of the Ad Hoc Group at the 32 Meeting of PCC.I in 2018.

The CITEI Secretariat continues to consolidate its ties with the Inter-American Commission of Women (CIM) and to work together with it to ensure the coordination needed to tackle solutions related to the empowerment of women and girls with the positive use of information and communication technologies (ICT).

## 6. COOPERATION RELATIONS WITH REGIONAL AND INTERNATIONAL ORGANIZATIONS

Cooperation by CITEI with international and regional organizations is a means to improve efficiency, avoid duplication of effort, and reduce dispute resolution time by considering different issues at an early stage. Note the existence of a draft model cooperation agreement between the Inter-American Telecommunication Commission of the Organization of American States and other organizations that includes a list of documents needed for the consideration of requests for cooperation agreements.

To facilitate the work during international conferences, CITEI also participates in inter-regional meetings with the criterion of strengthening dialogue with the representatives of regional telecommunication organizations worldwide on matters addressed in international telecommunication organizations, such as the International Telecommunication Union (ITU).

### 6.1 CITEI and the International Telecommunication Union (ITU)

COM/CITEI adopted Resolution COM/CITEI/RES. 269 (XXXI-15) “Santo Domingo Commitment,” which highlights the importance of CITEI’s regional presence and work, in addition to the need to have consensus-based candidacies in the Region for applying to high-ranking posts in the ITU for the benefit of the Americas.

CITEL participates as an observer at ITU, in view of the importance of keeping ongoing communication and coordination and consolidating the work that is being done in both ITU and CITEL. This has made it possible to steer the efforts of the hemisphere so that they can be harmonized and create synergies with respect to ITU's work.

Over the past year, the Executive Secretary of CITEL has taken advantage of his participation in international conferences and committees to hold meetings with the Directors of the three ITU Bureaux that is, Radio, Development, and Standardization, in order to involve them in the process of repositioning CITEL.

It is noteworthy that, in the context of the Agreement with ITU, PCC.I has established cooperation channels with the ITU Regional Office in order to hold international forums related to policies and strategies that can be implemented for social inclusion of persons with disabilities on the basis of the accessibility of telecommunications.

In 2017, ITU-R staff attended the 29 and 30 Meetings of PCC.II and presented the status of preparations for the World Radiocommunication Conference 2019.

Finally, it must be mentioned that the work of the CITEL Secretariat with the ITU Regional Office has been strengthened in terms of training for the purpose of:

- Joining efforts to provide training in the region and avoid overlapping.
- Aligning the interests of the CITEL Training Centers with those of the ITU Centres of Excellence.
- Strengthening the promotion and supply of training activities in telecommunications and ICTs to meet the needs of the countries.
- Incorporating issues prioritized by the PCCs into the above-mentioned training.

In 2017, CITEL and ITU have been consolidating their cooperation ties by holding seminars, training sessions, workshops, and other types of events, in which it is expected that the participation and support of subregional organizations in telecommunication matters shall be incorporated.

The ITU, the Caribbean Telecommunications Union (CTU), the Regional Technical Telecommunications Commission (COMTELCA), and CITEL are organizing Regional Meetings for the Coordination of Frequencies on the Use of the VHF band (174-216 MHz) and the UHF band (470-806 MHz) for the Caribbean. The first meeting was held in Managua, Nicaragua on March 8 to 10, 2017, and in Guatemala City, Guatemala, on August 28 to September 1, 2017. The next meeting shall be held in a Member State of OAS/CITEL in the Caribbean that is to be determined, possibly in the week of March 5 to 12, 2018. These meetings are organized for the purpose of facilitating the switchover from analog television to digital television and the allocation of the digital dividend, bearing in mind the wide separation in terms of distances required to ensure mutual compatibility between the broadcasting stations and the mobile stations in the VHF and UHF bands. The general goal is to prevent harmful interference from occurring, which could lead to many kilometers of displacement within the territory of the nearby countries involved. The result of these meetings is informal consensus-building in the regions of Central America and the Caribbean aimed at the subsequent finalization of formal agreements among the administrations involved, after formal notification of the allocation of the relevant frequencies to the ITU.

In the framework of the ITU World Telecommunication Development Conference, on October 12, 2017, a Letter of Intent was signed by the ITU, CITEL, and subregional telecommunications organizations of Central America (COMTELCA) and the Caribbean (CTU) in order to **“Establish an Agreement on the Use of ICTs for Emergency and Disaster Situations in the Americas Region.”** Its purpose is to reaffirm the importance of developing a cooperation mechanism among the signatories to implement projects to use ICTs for emergency and disaster situations in the Americas. The details of this mechanism shall be developed in greater detail in the documents of projects that will be subsequently negotiated and agreed upon.

CITEL participated in co-organizing, with the ITU, the Seventh Green Standards Week, along with the Municipality of Manizales, the University of Manizales, the United Nations Economic Commission for Latin America and the Caribbean (ECLAC), the United Nations Industrial Development Organization (UNIDO), UN Environment, the Basel Convention, the Basel Convention Regional Centre for the South American Region (BCRC), the United Nations Economic Commission for Europe (UNECE), the United Nations Human Settlements Programme (UN-Habitat), the United Nations Educational, Scientific and Cultural Organization (UNESCO), and the Regional Technical Telecommunications Commission (COMTELCA), the Inter-American Telecommunication Commission (CITEL), the Development Bank of Latin America (CAF), and the Inter-American Association of Telecommunication Companies (ASITET). This Green Standards Week was held on April 3 to 5, 2017 in Manizales, Colombia, and its key theme was “Circular economy and smart and sustainable cities.” The Green Standards Week serves as a world platform for discussing and exchanging knowledge in order to raise greater awareness about the importance and opportunities that the use of information and communication technologies (ICTs) brings to protect the environment, release the potential of the circular economy, and accelerate the transition to smart and sustainable cities. There were more than 900 participants from 27 countries attending the event. The Chair of PCC.II attended as CITEL’s representative. The presentations, interviews, and photos of the event are available at:

[https://www.itu.int/en/ITU-T/Talleres\\_y\\_seminarios/gsw/201704/Pages/default.aspx](https://www.itu.int/en/ITU-T/Talleres_y_seminarios/gsw/201704/Pages/default.aspx)

## 6.2 Organizations with which CITEL has signed a Cooperation Agreement

The table at the end of this section shows the 23 government agencies, international organizations, associations, associate members, and other institutions with which CITEL has signed cooperation agreements. It is noteworthy that, every year, cooperation agreements must be entered into with the Regional Training Centers for which CITEL offers scholarships. The list of these agreements is not included in this table.

This list and the agreements’ commitments will be reviewed to confirm that they are consistent with the goals and targets of CITEL’s Strategic Plan.

NUMBER	SIGNED	ORGANIZATION	SCOPE
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<b>NUMBER</b>	<b>SIGNED</b>	<b>ORGANIZATION</b>	<b>SCOPE</b>
1.	May 16, 1969	International Telecommunication Union (ITU)	<p>An international organization of the United Nations system, in which governments and the private sector coordinate global telecommunications networks and services. An agreement was signed between the ITU and the OAS, not with CITEC in particular, in 1969.</p> <p>In April 2004, an agreement specific to the training program was signed with the ITU Centre of Excellence. To complement this Agreement, a specific tripartite agreement was concluded between CITEC, the ITU, and the Regional Training Centers that offer the courses, indicating a number of aspects, among them: each organization's responsibilities, number of scholarships, copyright, and evaluation of the quality of the material. These agreements normally remain in force until the conclusion of the different courses.</p> <p>A cooperation agreement on "Bridging the ICT Standardization Gap for the Americas region" was signed on August 20, 2007.</p>
2.	November 15, 1996	Hispano-American Association of Research Centers and Telecommunications Companies (AHCIEC)	An association of research centers and telecommunication companies whose purpose is to promote and cooperate in the development of various technical, administrative, and training aspects in the telecommunications area, with a view to optimal promotion of the areas of research, study, and company administration.
3.	July 17, 2001	European Telecommunications Standards Institute (ETSI)	Carries out pre-standardization and standardization activities in areas common to telecommunications, information technology, and sound and television broadcasting, and produces European standards in the telecommunications area.
4.	August 20, 2001	Telecommunication Industry Association (TIA) (USA)	Pre-standardization and standardization activities in areas common to telecommunications, through a consensus-based process that includes all interested parties. It has been accredited by the American National Standards Institute (ANSI) and has ensured TIA's compliance with ANSI's rules for openness and balance. TIA's objective is to contribute to worldwide standardization at the international level and it works very closely with European and Asian standards organizations.
5.	August 24, 2001	Alliance for Telecommunication Industry Solutions (ATIS) Committee T1 (USA)	Establishes standards for planning, designing, and the operation of global end-to-end telecommunications and related telecommunication services
6.	December 14, 2001	Andean Community Telecommunications Enterprises Association (ASEC)	An international organization with broad experience in the telecommunication area
7.	March 21, 2002	European Conference of Postal and Telecommunications Administrations (CEPT)	An independent organization that cooperates with the European Union and the European Free Trade Association, other pertinent inter-institutional organizations, and other organizations associated with postal services and electronic communications
8.	May 29, 2002	Unión Postal de las Américas, España y Portugal (UPAEP)	An intergovernmental organization whose mission is to coordinate the regulation of postal activity and postal policy in general among its member states to ensure that universal service is provided on an equal access basis as a means of ensuring quality of service and safeguarding customer's rights.

<b>NUMBER</b>	<b>SIGNED</b>	<b>ORGANIZATION</b>	<b>SCOPE</b>
9.	August 14, 2002	Regional Commonwealth in the Field of Communications (Federación de la Mancomunidad Regional en el Área de Comunicaciones) (RCC)	<p>Created by the communications administrations of the states indicated in the agreement establishing a Regional Commonwealth in the Field of Communications (December 17, 1991), with the aim of ensuring broad cooperation and carrying out coordinated activities among these states in the area of postal communications and telecommunications.</p> <p>(Azerbaijan Republic, Republic of Armenia, Republic of Belarus, Georgia, Republic of Kazakhstan, Kyrgyz Republic, Republic of Moldova, Russian Federation, Republic of Tajikistan, Republic of Turkey, Turkmenistan, Republic of Uzbekistan, Republic of Ukraine).</p>
10.	August 16, 2002	Caribbean/Latin American Action (C/LAA)	An independent private organization for the promotion of private sector-led economic development in the Caribbean area and throughout the Hemisphere
11.	June 13, 2003	African Telecommunications Union (ATU)	An agency of the African Union (AU) established by the fourth regular meeting of the Plenipotentiary Conference of the African Telecommunications Union as the successor to the Pan-African Telecommunications Union (PATU). Its objective is to promote the rapid development of information communication in Africa in order to achieve, in the most efficient manner, universal service, universal access, and full inter-country connectivity
12.	August 25, 2003	International Astronautical Federation (IAF)	A nongovernmental, non-profit organization for the advancement of knowledge of space and the development and application of space resources to benefit mankind.
13.	October 1, 2003	Global VSAT Forum	An independent non-profit organization that promotes private sector-led economic development worldwide, including the Americas.
14.	October 21, 2003	CDMA Development Group (CDG)	A consortium of companies that have joined together to provide leadership in the adoption and evaluation of CDMA systems worldwide.
15.	August 31, 2004	3G Americas	To encourage and facilitate the deployment of GSM, GPRS, EDGE, and UMTS (WCDMA) in the Americas
16.	January 9, 2008	ICANN	<p>ICANN, a non-profit public-interest entity, is the international organization responsible for managing and supervising coordination of the Internet domain name system and its unique identifiers.</p> <p>ICANN was created through a Memorandum of Understanding between the US Department of Commerce and ICANN to manage the transition of the Domain Names System (DNS) from the Government of the United States into the global community. The most recent version of the Memorandum of Understanding is meant to be the final text and sets forth a series of objectives for ICANN which, when they are achieved, will lead to a totally independent ICANN organization.</p>
17.	October 2, 2008	Internet Society (ISOC)	An international organization whose mission is to provide world coordination and cooperation in connection with the Internet.

<b>NUMBER</b>	<b>SIGNED</b>	<b>ORGANIZATION</b>	<b>SCOPE</b>
18.	November 23, 2009	Francisco José de Caldas District University, Bogotá, Colombia.	State or public institution of higher education, classified as a District University, established by Agreement No. 010 of February 5, 1948.  The University's objectives include democratization of knowledge in order to regulate and guarantee, on behalf of the state, the societal right to critical and rigorous higher education of quality, on the basis of social equity and competitiveness, through research, teaching, and services to communities in local, national, and international contexts.
19.	May 19, 2011.	Caribbean Telecommunications Union (CTU)	The CTU was established in 1989, in Nassau, The Bahamas, by treat. It was established by the Heads of CARICOM governments. In fulfillment of its objectives, the CTU may, inter alia: (i) Promote and assist in the formulation and implementation of bilateral or multilateral telecommunications programs within the Caribbean Region in cooperation with appropriate international or regional organizations; (ii) Organizes Conferences, Seminars and Workshops; and (iii) Provide a forum for the discussion and resolution of telecommunications issues concerning the Region.
20.	February 2016 (in force for four years)	Memorandum of Understanding National Spectrum Agency of the Republic of Colombia	Technical cooperation Regulatory framework with respect to cooperation mechanisms between the Parties on radio spectrum issues to promote the development of the telecommunications and ICT sector in the Americas Region.
21.	February 2016 (in force for four years)	Memorandum of Understanding Dominican Telecommunications Institute of the Dominican Republic	Technical cooperation Regulatory framework with respect to cooperation mechanisms between the Parties on telecommunications and ICTs to promote the development of the telecommunications and ICT sector in the Americas Region.
22.	April 27, 2016 (in force for three years)	Memorandum of Understanding Ministry of Information and Communication Technologies of Colombia	Technical cooperation Regulatory framework with respect to cooperation mechanisms between the Parties on telecommunications and ICTs to promote the development of the telecommunications and ICT sector in the Americas Region.
23.	February 10, 2017 to February 9, 2019 (in force for two years)	Memorandum of Understanding ProFuturo Foundation OAS General Secretariat (CITEL Executive Secretary and Executive Secretary for Integral Development)	Establish a regulatory framework for the implementation of the ProFuturo Digital Classrooms Project in some of the OAS member states, aimed at improving the quality of education using digital education in highly vulnerable environments, in fulfillment of the commitments and objectives of the 2030 ICT Alliance for the Americas.

### 6.3 Memorandum of Understanding with member states

In the year being reviewed by the present report, the Executive Secretary of CITEL has signed Memorandums of Understanding with member states.

## 7. STATUS OF INTERNATIONAL CONVENTIONS SPONSORED BY CITEL

### 7.1 Lima Convention

The Inter-American Convention on Amateur Service was adopted in Lima, Peru, in 1987, at the Fifth Inter-American Telecommunication Conference [CITEL/RES. 130 (V-87)], and amended in 1988, at the First Special Meeting of CITEL [CITEL/RES. 141 (I/E-88)] to permit and facilitate full participation by member states of CITEL. This Convention provides for the use of amateur radio service by nationals of a member state in the territory of another member state.

This Convention came into force on February 21, 1990. The OAS General Secretariat is the depository for the original instrument and for the Convention's instruments of ratification and accession.

Signatory country	Date of signature	RA/AC/AD	Date of deposit of instrument
Argentina	08/14/87	RA 03/11/90	12/06/90
Bolivia	08/14/87		
Brazil	08/14/87		
Canada		AD 04/06/89	05/18/89
Chile	08/14/87		
Colombia	08/14/87		
Guatemala		AD 12/05/89	01/22/90
Haiti	08/14/87		
Mexico		AD 03/13/89	06/21/89
Paraguay	09/07/95	RA 05/24/95	09/15/95
Peru	08/14/87		
Suriname	08/14/87		
United States of America	08/14/87	AC 02/21/91	03/20/91
Uruguay	08/14/87		
Venezuela		AD 10/14/88	11/30/88

**RA= ratification**

**AC= acceptance**

**AD= accession**

Signatures that are not subject to ratification, approval, or acceptance (under Articles 7.a and 10 of the Convention, these countries are Parties to the Convention) are: Argentina, Bolivia, Brazil, Colombia, Chile, Haiti, Peru, and Suriname.

The signatures subject to ratification, approval, or acceptance (under Article 7.b of the Convention) are: United States of America and Uruguay.

## 7.2 Inter-American Convention on an International Amateur Radio Permit (IARP)

This Convention was adopted at the Second Meeting of CITEL's Permanent Executive Committee, held in December 1994 [COM/CITEL RES. 5 (II-94)]. It was subsequently adopted in Montrouis, Haiti at the 25 Regular Session of the General Assembly [AG/RES. 1316 (XXV-O/95)].

This Convention provides for temporary operation of amateur radio stations in a member state by persons holding IARP permits issued by another member state without need for further review. Any member state may issue permits to its citizens to operate in another member state. The IARP Convention came into force on February 23, 1996. The OAS General Secretariat is the depository for its instruments of RA, AC, and AD.

\*Note: See current status of the study on this subject in Chapter 3.3 of the present Annual Report, Permanent Consultative Committee II: Radiocommunications (PCC.II), section of “Main activities in progress way and new initiatives,” item “Review and update of the IARP.”

Signatory country	Date of signature	RA/AC/AD	Date of deposit of instrument
Argentina		AD 01/29/97	03/03/97
Brazil	01/24/97	RA 08/19/99	09/28/99
Canada	09/27/95	AC 09/27/95	09/27/95
El Salvador	03/18/99	RA 02/08/02	03/08/02
Panama	04/09/02	RA 02/03/03	03/27/03
Paraguay		AD 06/20/06	11/21/06
Peru	09/15/95	RA 12/28/95	01/24/96
Trinidad and Tobago		AD 07/13/01	08/16/01
United States of America	06/08/95		
Uruguay	06/08/95		
Venezuela	02/05/95		

### 7.3 Protocol of Amendment to the Inter-American Convention on an International Amateur Radio Permit (IARP)

At its 33 Regular Session, the OAS General Assembly, in resolution AG/RES. 1947 (XXXIII-O/03), adopted the Protocol of Amendment to the Inter-American Convention on an Amateur Radio Permit, intended to grant holders of the Radio Amateur License of the member countries of the European Conference of Postal and Telecommunications Administrations (CEPT) that have implemented CEPT’s Recommendation T/R 61-01, “CEPT Radio Amateur License” the same rights and privileges granted to IARP holders of CITEL member states that become States Parties to the Protocol, while CEPT extends to holders of IARPs the same privileges and exemptions granted to holders of CEPT Radio Amateur Licenses of the member countries of CEPT that have implemented the aforementioned Recommendation.

This new procedure will reduce the countries’ workload and, therefore, the costs involved, and will be of fundamental importance, particularly in emergencies. The OAS General Secretariat is the depository for instruments of RA, AC, and AD.

Signatory country	Date of signature	RA/AC/AD	Date of deposit of instrument
El Salvador		07/21/10	09/15/10
Panama	11/21/06	RA 01/02/08	02/05/08

This Protocol came into force on the thirtieth day after the date on which the two States became Parties to it.

The member states are urged to sign the Convention and the Protocol of Amendment, in view of the importance of this method of communication in disasters.



## 8. TRAINING ACTIVITIES SPONSORED BY OAS/CITEL

In 2017, CITEL had 6 Regional Training Centers distributed throughout the region. In 2017, the program of courses for which scholarships were offered was prepared on the basis of issues that were discussed and of interest in the PCCs, as well as feedback on the telecommunication training needs in the region coordinated with the Regional Centers. In 2017, pursuant to the provisions of resolution **COM/CITEL RES. 282 (XXXII-16)**, scholarships were offered for 10 online courses and 3 onsite courses, details of which are given in the table below. At the cut-off date of December 8, 2017, 183 scholarships had been awarded to 21 OAS member states. CITEL currently uses the online modality with tutor to provide most of its training.

	Title of course	Institution offering the course	Country	Language	Modality	Starts	Ends	Scholarships awarded
1	<i>Introduction to the Rule of Law</i>	<i>OAS-CITEL-United States Telecommunications Training Institute (USTTI)</i>	<i>US</i>	<i>English</i>	<i>Onsite</i>	<i>Mar-28-17</i>	<i>Apr-4-17</i>	<i>1</i>
2	<i>Satellite Communication Primer</i>	<i>CITEL-United States Telecommunications Training Institute (USTTI)</i>	<i>US</i>	<i>English</i>	<i>Onsite</i>	<i>Sept-6-17</i>	<i>Sept-8-17</i>	<i>1</i>
3	<i>Technological Innovation</i>	<i>OAS/CITEL - Blas Pascal University</i>	<i>Argentina</i>	<i>Spanish</i>	<i>Online</i>	<i>Jun-6-17</i>	<i>Aug-7-17</i>	<i>10</i>
4	<i>Course on Advanced Android Programming</i>	<i>OAS/CITEL - Blas Pascal University</i>	<i>Argentina</i>	<i>Spanish</i>	<i>Online</i>	<i>Jun-7-17</i>	<i>Aug-12-17</i>	<i>10</i>
5	<i>Telecom/ICT Policy and Regulation</i>	<i>OAS-CITEL-United States Telecommunications Training Institute (USTTI)</i>	<i>USA</i>	<i>English</i>	<i>Onsite</i>	<i>Jul-24-17</i>	<i>Jul-28-17</i>	<i>1</i>
6	<i>Spectrum Monitoring Systems and their Evolution</i>	<i>OAS/CITEL - ICESI University</i>	<i>Colombia</i>	<i>Spanish</i>	<i>Online</i>	<i>Oct-16-17</i>	<i>Nov-17-17</i>	<i>4</i>
7	<i>The Role of ICTs in Smart and Sustainable Cities</i>	<i>CITEL- ITU International Telecommunication Union</i>	<i>Brazil</i>	<i>Spanish</i>	<i>Online</i>	<i>Aug-21-17</i>	<i>Sep-22-17</i>	<i>45</i>
8	<i>Designing and Planning HSPA and 4G Mobile Broadband Networks</i>	<i>OAS/CITEL- INICTEL-UNI National Research Institute</i>	<i>Peru</i>	<i>Spanish</i>	<i>Online</i>	<i>Aug-26-17</i>	<i>Sep-30-17</i>	<i>10</i>
9	<i>Course on Information Security and ISO 27001 and 27002 Standards</i>	<i>OAS/CITEL- INICTEL-UNI National Research Institute</i>	<i>Peru</i>	<i>Spanish</i>	<i>Online</i>	<i>Aug-26-17</i> <i>Nov-6-17</i>	<i>Sep-30-17</i> <i>Dec-8-17</i>	<i>54</i>
10	<i>Spectrum Management: Using the Latest Generation Tools</i>	<i>OAS/CITEL- ITU International Telecommunications Union</i>	<i>Brazil</i>	<i>English</i>	<i>Online</i>	<i>Sep-23-17</i>	<i>Oct-19-17</i>	<i>4</i>
11	<i>Telecommunications for non-experts</i>	<i>OAS/CITEL- ITU International Telecommunication Union</i>	<i>Brazil</i>	<i>Spanish</i>	<i>Online</i>	<i>Oct-23-17</i>	<i>Nov-24-17</i>	<i>20</i>

12	<i>Internet of Things (IoT)</i>	<i>National Telecommunications Administration (ANTEL)</i>	<i>Uruguay</i>	<i>Spanish</i>	<i>Online</i>	<i>Nov-13-17</i>	<i>Dec-8-17</i>	<i>11</i>
13	<i>Advanced Communication Networks</i>	<i>High-Technology Training Center for Latin America and the Caribbean (CCAT-LAT)</i>	<i>Argentina</i>	<i>Spanish</i>	<i>Online</i>	<i>Nov-13-17</i>	<i>Dec-8-17</i>	<i>12</i>
<b>TOTAL SCHOLARSHIPS OFFERED BY CITEL IN 2017</b>								<b>183</b>

The budget for these scholarships came from the budget of the OAS Secretariat for Integral Development.

Both the distribution of scholarships by member state and the beneficiaries for each course by country of origin are indicated below for the year 2017:

**a) CITEL SCHOLARSHIPS BY MEMBER STATE 2017**

19	Argentina
2	Barbados
11	Bolivia
1	Canada
14	Chile
17	Colombia
16	Costa Rica
8	Ecuador
17	El Salvador
2	United States of America
7	Guatemala
14	Honduras
7	Mexico
1	Nicaragua
6	Panama
22	Paraguay
1	Peru
5	Dominican Republic
1	Suriname
8	Uruguay
4	Venezuela

**b) BENEFICIARIES OF EACH COURSE OF CITEL BY COUNTRY OF ORIGIN 2017**

	Total scholarships	Scholarships by country	Beneficiary country

1	<i>Introduction to the Rule of Law</i>	1	1	Suriname
2	<i>Satellite Communication Primer</i>	1	1	Ecuador
3	<i>Technological Innovation</i>	10	2 1 2 2 2 1	Bolivia Chile Colombia Mexico Paraguay Uruguay
4	<i>Course on Advanced Android Programming</i>	10	2 2 3 3	Colombia Costa Rica El Salvador Paraguay
5	<i>Telecom/ICT Policy and Regulation</i>	1	1	Peru
6	<i>Spectrum Monitoring Systems and their Evolution</i>	4	2 1 1	Argentina Chile Mexico
7	<i>The Role of ICTs in Smart and Sustainable Cities</i>	45	1 5 2 3 4 2 5 2 4 8 1 1 3 4	Argentina Bolivia Chile Colombia Costa Rica Dominican Republic Ecuador El Salvador Guatemala Honduras Mexico Panama Uruguay Venezuela
8	<i>Designing and Planning HSPA and 4G Mobile Broadband Networks</i>	10	1 2 1 1 1 1 1 1 1	Bolivia Colombia Costa Rica Dominican Republic El Salvador Honduras Panama Paraguay Uruguay
9	<i>Course on information security and ISO 27001 and 27002 Standards</i>	54	5 3 1 3 6 5 1	Argentina Bolivia Canada Chile Colombia Costa Rica Dominican Republic

			2	Ecuador
			6	El Salvador
			3	Guatemala
			3	Honduras
			3	Mexico
			1	Nicaragua
			2	Panama
			8	Paraguay
			1	United States
			1	Uruguay
<b>10</b>	<b><i>Spectrum Management: Using the Latest Generation Tools</i></b>	<b>4</b>	2	Argentina
			2	Barbados
<b>11</b>	<b><i>Telecommunications for non-technical persons</i></b>	<b>20</b>	2	Argentina
			3	Chile
			1	Colombia
			2	Costa Rica
			4	El Salvador
			1	United States
			2	Honduras
			2	Panama
			1	Paraguay
			2	Uruguay
<b>12</b>	<b><i>Internet of Things (IoT)</i></b>	<b>11</b>	4	Argentina
			2	Chile
			2	Costa Rica
			3	Paraguay
<b>13</b>	<b><i>Advanced Communications Networks</i></b>	<b>12</b>	3	Argentina
			2	Chile
			1	Colombia
			1	Dominican Republic
			1	El Salvador
			4	Paraguay

## 9. BUDGET OF CITEL

### 9.1 Budget and Execution for 2017

	<b>Actual allocation (in US\$1000s)</b>	<b>Expenditure as of 12/31/2017</b>
Scholarships	0.0	0.0
Travel	18.7	17.6
Document preparation	1.2	0.0
Office equipment and supplies	3.2	18.4
Contract services (translators, interpreters, support staff)	37.4	22.6

Other items	8.4	5.1
<b>Subtotal</b>	68.9	63.7
Executive Secretariat staff	452.1	451.6
<b>TOTAL</b>	<b>521.0</b>	<b>515.3</b>

## 9.2 Budget for 2018

The projected allocation to CITEL from the OAS Regular Fund for 2018 is US\$531,300.

	Allocation for 2017 (in US\$1000s)	Allocation for 2018 (in US\$1000s)
Staff costs	294.3	460.8
Activity costs	70.5	70.5
<b>TOTAL</b>	<b>364.8</b>	<b>531.3</b>

## 9.3 Scholarships

Because of budget cuts for CITEL in the Regular Fund for 2017, CITEL did not allocate any budget under the item for Scholarships. There was only one payment in the amount of \$665.00 for a debt recently notified in the month of March 2017, which was paid in full exclusively with resources from the CITEL Seed Fund.

## 9.4 External funds

Any incorporated agency, organization, or institution related to the telecommunication industry may, with the approval of the corresponding member state of CITEL, become an associate member of a Permanent Consultative Committee. Applications from entities wishing to become associate members of a PCC are forwarded by the member state together with notification of the contributory unit selected. Since January 1, 2017, the value of the contributory unit has been US\$6,000 for each Permanent Consultative Committee, adopted by Resolution COM/CITEL. RES.8 (III-E-16) approved Ad referendum to next Assembly of CITEL, effective as of January 1, 2017:

- The value of the contributory “unit” of the Associate member is set at USD6,000.00 for each Permanent Consultative Committee in which they participate.
- Modify the following modification to Article 87.1 of the Regulations of CITEL:

Associate members shall contribute to the funding of their respective PCC, voluntarily choosing the level of contribution. The minimum contributory level shall be “a quarter” of a unit for associate members belonging to academia for both PCC; “one” unit for associate members with legal personality in one of the member states and “one and one half” units for the others. All these contributions may be increased in minimum “one half” unit levels

As of December 31, 2017, CITEL had received a total US\$562,709 equivalent to 93% from estimated for year 2017 from associate members, distributed as follows:

	<b>PCC.I</b>	<b>PCC.II</b>
<b>2017</b>	182,809	368,169
<b>2016</b>	4,115	7,615
<b>TOTAL:</b>	186,924	375,784

For 2017, as of December 31, 2017, a total of US\$51,939 in contributions remains unpaid.

	<b>PCC.I</b>	<b>PCC.II</b>
<b>2017</b>	24,016	27,923

CITEL has 104 associate members. Arrears in payment of contributions are as follows:

	<b>PCC.I</b>	<b>PCC.II</b>	<b>TOTAL</b>
<b>2016</b>	8,956	7,000	15,956

The following table shows (in US\$) how external (specific) funds were used by each PCC as of December 31, 2017:

<b>COMMITTEE</b>	<b>INCOME</b>	<b>EXPENDITURE</b>	<b>OBLIGATIONS</b>	<b>BALANCE</b>
<b>PCC.I</b>				
Initial balance as of 1/1/17	8,344			
Income as of 12/31/17	186,924			
<i>SUBTOTAL</i>	<i>195,268</i>	<i>148,251</i>	<i>---</i>	<i>47,017</i>
<b>PCC.II</b>				
Initial balance as of 1/1/17	82,190			
Income as of 12/31/17	375,784			
<i>SUBTOTAL</i>	<i>457,974</i>	<i>244,186</i>	<i>---</i>	<i>223,788</i>
<b>TOTALS to 12/31/2017</b>	<b>653,242</b>	<b>392,437</b>	<b>----</b>	<b>260,805</b>

## 10. SCHEDULE OF MEETINGS OF CITEL FOR 2018

### CALENDAR OF CITEL 2018

<b>Meeting</b>	<b>Date</b>	<b>Place</b>
Working Groups of the Council (WGC)	January 15 to 26, 2018	Geneva, Switzerland

Meeting	Date	Place
Meeting of the Expert Group on ITRs (EG-ITRs)	January 17 to 19, 2018	Geneva, Switzerland
ITU-T Telecommunication Standardization Advisory Group (TSAG-18)	February 26, to March 2, 2018	Geneva, Switzerland
Mobile World Congress 2018	February 26 to March 1, 2018	Barcelona, Spain
Forum of Senior Authorities on Digital Inclusion	March 12, 2018	Buenos Aires, Argentina
Seventh Regular Meeting of the Assembly of CITEI	March 13 to 15, 2018	Buenos Aires, Argentina
34 Meeting of COM/CITEI	March 15, 2018	Buenos Aires, Argentina
COM/CITEI Conference Preparatory Working Group to Address Regional Preparations for World Conferences and Meetings (Preparations of CITEI for PP-18)	March 15, 2018	Buenos Aires, Argentina
Radio Regulations Board (RRB-18.1)	March 19 to 23, 2018	Geneva, Switzerland
WSIS Forum 2018	March 19 to 23, 2018	Geneva, Switzerland
25th Meeting of Radiocommunications Advisory Group (RAG-18)	March 26 to 29, 2018	Geneva, Switzerland
Telecommunications Development Advisory Group (TDAG-18)	April 9 to 11, 2018	Geneva, Switzerland
Expert Group on International Telecommunication Regulations (EG-ITR)	April 12 to 13, 2018	Geneva, Switzerland
Eighth Summit of the Americas	April 13 and 14, 2018	Peru
2018 Session of the Council	April 17 to 27, 2018	Geneva, Switzerland
ITU-D Study Groups	April 30 to May 11, 2018	Geneva, Switzerland
32 Meeting of PCC.I	May 22 to 25, 2018	Peru
COM/CITEI Conference Preparatory Working Group to Address Regional Preparations for World Conferences and Meetings (Preparation of CITEI for PP-18)	During the session of the 32 Meeting of PCC.I	Peru
48 General Assembly of the OAS	June 2018	To be determined

Meeting	Date	Place
31 Meeting of PCC.II	July 16 to 20, 2018	Mexico
Radio Regulations Board (RRB-18.2)	July 16 to 20, 2018	Geneva, Switzerland
33 Meeting of PCC.I	August 20 to 24, 2018	To be determined
COM/CITEL Conference Preparatory Working Group to Address Regional Preparations for World Conferences and Meetings (Preparation of CITEL for PP-18)	During the session of the 32 Meeting of PCC.I	To be determined
ITU-D Rapporteur Groups	September 17 to October 12, 2018	Geneva, Switzerland
Final Meeting of the 2018 Session of the Council	October 27, 2018	Dubai, Arab Emirates
Informal Meeting of Heads of Delegation (PP-18)	October 28, 2018	Dubai, Arab Emirates
ITU Plenipotentiary Conference 2018 (PP-18)	October 29 to November 16, 2018	Dubai, Arab Emirates
ITU Inter-Regional Workshop on Preparations for WRC-19	November 21 to 23, 2018	Geneva, Switzerland
Radio Regulations Board (RRB-18.3)	November 26 to 30, 2018	Geneva, Switzerland
32 Meeting of PCC.II	December 3 to 7, 2018	To be determined
35 Meeting of COM/CITEL	December 17 to 19, 2018	Argentina



## PRELIMINARY CALENDAR OF CITEL 2019

Meeting	Date	Place
Second Session: 2019 Conference Preparatory Meeting (CPM-19)	February 18 to 28, 2019	Geneva, Switzerland
33 Meeting of PCC.II	April 8 to 12, 2019	To be determined
WSIS Forum 2019	May 11 to 15, 2019	Geneva, Switzerland
2019 Session of the Council	June 10 to 20, 2019	Geneva, Switzerland
34 Meeting of PCC.II	August 12 to 16, 2019	To be determined
Radiocommunication Assembly (RA-19)	October 21 to 25, 2019	To be determined
World Radiocommunication Conference (WRC-19)	October 28 to November 22, 2019	To be determined
First Session: 2023 Conference Preparatory Meeting (CPM23-1)	November 25 and 26, 2019	To be determined

## 11. DRAFT RESOLUTIONS FOR THE OAS GENERAL ASSEMBLY

In preparation for the 48 Regular Session of the General Assembly, to be held in June 2018, the Permanent Executive Committee of CITEL (COM/CITEL), will discuss, during the 33 meeting of COM/CITEL to be held in December 2017, the paragraphs on the workings of CITEL, to be included in a Draft Resolution of the General Assembly.

## **ANNEXES**

- A. Associate Members**
- B. List of Meetings Held in 2017**
- C. Quantifiable Results of CITELE for 2017**
- D. Titles of Resolutions, Recommendations, and Decisions Adopted in 2017**

## ANNEX A

### ASSOCIATE MEMBERS

#### LIST OF ASSOCIATE MEMBERS OF PCC.I: TELECOMMUNICATIONS/ICT (As of December 31, 2017)

Nr.	Country	Company's Name	Nr. of Units
1	Argentina	NOKIA SOLUTIONS AND NETWORKS ARGENTINA S.A.	1.0
2	Argentina	EMPRESA ARGENTINA DE SOLUCIONES SATELITALES S.A. (AR-SAT)	1.0
3	Argentina	GOOGLE ARGENTINA SRL	1.0
4	Argentina	TELECOM ARGENTINA S.A.	1.0
5	Argentina	TELEFONICA DE ARGENTINA	1.0
6	Belgium	MOBILE MANUFACTURES FORUM (MMF)	1.5
7	Brazil	QUALCOMM SERVIÇOS DE TELECOMUNICAÇÕES LTDA.	1.0
8	Brazil	SAMSUNG ELECTRÔNICA DA AMAZÔNIA LTDA	1.0
9	Canada	ERICSSON CANADA	1.0
10	Chile	CISCO SYSTEMS CHILE	1.0
11	Colombia	UNIVERSIDAD DISTRITAL FRANCISCO JOSE DE CALDAS	0.3
12	Costa Rica	INSTITUTO COSTARRICENSE DE ELECTRICIDAD (ICE)	1.0
13	Mexico	AMERICA MOVIL, S.A.B. DE C.V.	1.0
14	Mexico	EUTELSAT AMERICAS	1.0
15	Mexico	ICONECTIV	1.0
16	Mexico	HUAWEI TECHNOLOGIES DE MEXICO, S.A. DE C.V.	1.0
17	Mexico	ORGANIZACION DE TELECOMUNICACIONES DE IBEROAMERICA	1.0
18	Panama	DIGICEL (PANAMA), S.A.	1.0
19	Paraguay	COMPAÑIA PARAGUAYA DE COMUNICACIONES S.A. (COPACO S.A.)	1.0
20	Paraguay	TELEFONICA CELULAR DEL PARAGUAY (TIGO PARAGUAY)	1.0
21	Peru	VIATTEL PERU S.A.C. (BITEL)	1.0
22	Uruguay	REGISTRO REGIONAL DE DIRECCIONES DE INTERNET PARA AMERICA LATINA Y CARIBE (LACNIC)	1.0
23	USA	AMERICAN REGISTRY FOR INTERNET NUMBERS (ARIN)	1.0
24	USA	ATIS	1.0
25	USA	AT&T	1.0
26	USA	CISCO SYSTEMS INC.	1.0
27	USA	FACEBOOK INC.	1.0
28	USA	GSMA LATIN AMERICA	1.0
29	USA	INTERNET SOCIETY (ISOC)	1.0
30	USA	IRIDIUM COMMUNICATIONS INC.	1.0
31	USA	PUBLIC KNOWLEDGE	1.0
32	USA	ROBERT BOSCH LLC	1.0
33	USA	QUALCOMM, INC.	1.0
34	USA	VERIZON COMMUNICTIONS	1.0
35	Venezuela	COMPAÑIA ANONIMA NACIONAL TELEFONOS DE VENEZUELA (CANTV)	1.0
<b>Total Units:</b>			<b>34.8</b>

**LIST OF ASSOCIATE MEMBERS OF PCC.II: RADIOCOMMUNICATIONS**  
(As of December 31, 2017)

Nr.	Country	Company's Name	Nr. of Units
1	Argentina	EMPRESA ARGENTINA DE SOLUCIONES SATELITALES S.A. (AR-SAT S.A.)	1.0
2	Argentina	TELEFONICA DE ARGENTINA	1.0
3	Brazil	ABRASAT – ASSOC. BRASILEIRA DAS EMPRESAS DE TELCOM. POR SATÉLITE	1.0
4	Brazil	AL YAH SATELLITE COMMUNICATIONS (YAHSAT)	1.0
5	Brazil	ASSOCIAÇÃO BRASILEIRA DE EMISSORAS DE RADIO E TELEVISÃO (ABERT)	1.0
6	Brazil	EMBRAER S.A. - EMPRESA BRASILEIRA DE AERONAUTICA S.A.	1.0
7	Brazil	GSMA BRAZIL (Ex-GLOBAL MOBILE ASSOCIATION (GSMA))	1.0
8	Brazil	HISPAMAR SATELITES S.A.	1.0
9	Brazil	INTEL SEMICONDUCTORES DO BRASIL	1.0
10	Brazil	MOTOROLA DO BRASIL	1.0
11	Brazil	QUALCOMM SERVIÇOS DE TELECOMUNICAÇÕES LTDA.	1.0
12	Brazil	SAMSUNG ELECTRÔNICA DA AMAZÔNIA LTDA	1.0
13	Brazil	SES DTH DO BRASIL LTDA	1.0
14	Brazil	STAR ONE S.A.	1.0
15	Brazil	SINDITELEBRASIL - SINDICATO NACIONAL DAS EMPRESAS DE TELEFONIA S.A. E DE SERVIÇO MOVIL CELULAR E PERSOAL	1.0
16	Canada	BOEING CANADA TECHNOLOGIES	1.0
17	Canada	LS TELCOM LTD.	1.0
18	Canada	NORTH AMERICAN BROADCASTERS ASSOCIATION (NABA)	1.0
19	Canada	TELESAT CANADA	1.0
20	Costa Rica	ASOCIACION CAMARA NACIONAL DE RADIODIFUSION	1.0
21	Costa Rica	INSTITUTO COSTARRICENSE DE ELECTRICIDAD (ICE)	1.0
22	Colombia	BRANCH OF MICROSOFT COLOMBIA INC.	1.0
23	Colombia	GOOGLE COLOMBIA	1.0
24	Colombia	TES AMERICA ANDINA LTDA.	1.0
25	Colombia	UNIVERSIDAD DISTRITAL FRANCISCO JOSE DE CALDAS	0.3
26	Colombia	UNIVERSIDAD ICESI	0.3
27	México	AMERICA MOVIL, S.A.B. DE C.V.	1.0
28	Mexico	APPLE	1.0
29	Mexico	ERICSSON TELECOM, S.A. DE C.V.	1.0
30	Mexico	EUTELSAT AMERICAS	1.0
31	Mexico	HUAWEI TECHNOLOGIES DE MEXICO, S.A. DE C.V.	1.0
32	Mexico	MOTOROLA SOLUTIONS DE MEXICO S.A.	1.0
33	Mexico	ORGANIZACION DE TELOECOMUNIOACIONES DE IBEROAMERICA	1.0
34	Mexico	QUALCOMM INTERNATIONAL, INC.	1.0
35	Nicaragua	NICASAT	1.0
36	Paraguay	COMPAÑIA PARAGUAYA DE COMUNICACIONES S.A. (COPACO S.A.)	1.0
37	Peru	VIATTEL PERU S.A.C. (BIATEL)	1.0
38	Uruguay	ASOCIACION INTERNACIONAL DE RADIODIFUSION (AIR)	1.0
39	USA	5G AMERICAS	1.0

40	USA	AT&T	1.0
41	USA	CISCO SYSTEMS INC.	1.0
42	USA	CTIA	1.0
43	USA	DIRECTV LATIN AMERICA, LLC	1.0
44	USA	ECHOSTAR CORP.	1.0
45	USA	FACEBOOK INC.	1.0
46	USA	GLOBAL VSAT FORUM	1.0
47	USA	GSMA LATIN AMERICA	1.0
48	USA	INMARSAT GLOBAL, LTD.	1.0
49	USA	INTELSAT CORPORATION	1.0
50	USA	IRIDIUM SATELLITE LLC	1.0
51	USA	ITT EXELIS, INC.	1.0
52	USA	LIGADO NETWORKS	1.0
53	USA	LOCKHEED-MARTIN CORP.	1.0
54	USA	MOTOROLA SOLUTIONS INC.	1.0
55	USA	NOKIA SOLUTIONS AND NETWORKS	1.0
56	USA	O3b NETWORKS USA LLC	1.0
57	USA	OMNISPACE LLC	1.0
58	USA	PUBLIC KNOWLEDGE	1.0
59	USA	QUALCOMM, INC.	1.0
60	USA	ROBERT BOSCH LLC	1.0
61	USA	SES AMERICOM	1.0
62	USA	SITA - SOCIÉTÉ INTERNATIONALE DE TÉLÉCOMMUNICATIONS AÉRONAUTIQUES S.C.	1.0
63	USA	SPACE EXPLORATION TECHNOLOGIES CORP. (SpaceX)	1.0
64	USA	THE BOEING COMPANY	1.0
65	USA	UTILITIES TELECOM COUNCIL (UTC)	1.0
66	USA	ViaSat, INC.	1.0
67	USA	VERIZON COMMUNICATIONS	1.0
68	USA	WorldVu Development, LLC	1.0
69	Venezuela	COMPAÑIA ANONIMA NACIONAL TELEFONOS DE VENEZUELA (CANTV)	1.0
		<b>Totals Units:</b>	<b>67.5</b>

## ANNEX B

### LIST OF MEETINGS HELD IN 2017

Meeting	Date	Venue
Working Group of the ITU Council	January 30 to February 10, 2017	Geneva, Switzerland
Expert Group on the ITR	February 9 & 10, 2017	Geneva, Switzerland
9 <sup>th</sup> Inter-American Meeting of Ministers of Education	February 9 to 10, 2017	Nassau, Bahamas
Regional Development Forum for the Americas	February 21, 2017	Asunción, Paraguay
Regional Preparatory Meeting for WTDC-17	February 22 to 24, 2017	Asunción, Paraguay
Mobile World Congress & Ministerial Programme 2017	February 27 to March 2, 2017	Barcelona, Spain
ITU-D (SG-01)	March 27 to 31, 2017	Geneva, Switzerland
ITRU-D (SG-02)	April 3 to 7, 2017	Geneva, Switzerland
7th. ITU Green Standards Week	April 3 to 5, 2017	Manizales, Colombia
Workshop on “Digital Inclusion and Meaningful Broadband Adoption in the Americas”	April 17, 2017	Lima, Peru
Seminar: Telecommunication Services and their impact on Privacy Protection	April 18, 2017	Lima, Peru
30 Meeting of PCC.I	April 18 to 21, 2017	Lima, Peru
Radiocommunication Advisory Group (RAG)	April 25 to 27, 2017	Geneva, Switzerland
Telecommunication Standardization Advisory Group (TSAG)	May 1 to 5, 2017	Geneva, Switzerland
RPM Coordination Meeting	May 8, 2017	Geneva, Switzerland
Telecommunication Development Advisory Group (TDAG)	May 9 to 11, 2017	Geneva, Switzerland
2017 Session of the ITU Council	May 15 to 25, 2017	Geneva, Switzerland

Meeting	Date	Venue
WSIS Forum 2017	June 12 to 16, 2017	Geneva, Switzerland
OAS General Assembly	June 19 to 22, 2017	Cancun, Mexico
29 Meeting of PCC.II	June 26 to 29, 2017	Orlando, Florida, United States of America
ITU's Global Symposium for Regulators (GSR-17)	July 14 to 17, 2017	Nassau, Bahamas
Workshop on Implementing Smart Cities in the Americas – Innovation and Sustainability	July 31, 2017	Mexico City, Mexico
31 Meeting of PCC.I	August 1 to 4, 2017	Mexico City, Mexico
Seminar: Best Practices in the Provision of Information to Users	August 1, 2017	Mexico City, Mexico
Working Group to prepare for and follow up on WTSA, WCIT, and WTDC	October 9 to 20, 2017	Buenos Aires, Argentina
World Telecommunication Development Conference (WTDC-17)	October 9 to 20, 2017	Buenos Aires, Argentina
30 Meeting of PCC.II	November 27 to December 1, 2017	Barranquilla, Colombia
33 Meeting of COM/CITEL	December 11 to 13, 2017	Santo Domingo, Dominican Republic

ITU's Meeting
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## ANNEX C

### QUANTIFIABLE RESULTS OF CITEL FOR 2017

December 31, 2017

Item	Achieved/ Planned
Number of face-to-face meetings organized by CITEL in 2017	5
Number of preparation virtual meetings organized by CITEL in 2017	33
Number of participants in meetings in 2017	700
Number of documents processed in meetings of CITEL in 2017	1,882
Number of resolutions approved by the Committees	30
Number of recommendations approved by the Committees	6
Number of decisions approved by the Committees	33
Number of seminars, workshops, and virtual classes conducted by the Committees	3
Number of on-line telecommunication courses offered in CITEL's program in 2017	4
Number of on-site telecommunication courses offered in CITEL's program in 2017	13
Number of associate members as of December 31, 2017	104
Number of Regional Training Centers in 2017	22
Number of cooperation agreements signed as of December 31, 2017 (The Agreements with the Regional Training Centers are not included)	19



## ANNEX D

### TITLES OF RESOLUTIONS, RECOMMENDATIONS, AND DECISIONS ADOPTED IN 2017 (Date: From January 1 to December 31, 2017)

#### D.1 PERMANENT EXECUTIVE COMMITTEE OF CITEL (COM/CITEL)

##### RESOLUTION

COM/CITEL/RES. 290 (XXXIII-17)	CITEL COURSE PROGRAM COURSES FOR 2018
COM/CITEL/RES. 291 (XXXIII-17)	GUIDELINES FOR THE ADOPTION OF INTER-AMERICAN PROPOSALS AND FOR THE SELECTION OF SPOKESPERSONS OF CITEL
COM/CITEL/RES. 292 (XXXIII-17)	FACILITATING ACCESS TO AND INFORMATION ON CITEL'S DOCUMENTS, RESOLUTION, DECISIONS AND RECOMMENDATIONS
COM/CITEL/RES. 293 (XXXIII-17)	ADOPTION OF THE OPERATIONS PLAN FOR 2018
COM/CITEL/RES. 294 (XXXIII-17)	REQUEST TO EXEMPT THE CONTRIBUTIONS OF THE ASSOCIATE MEMBERS OF CITEL FROM INDIRECT COST RECOVERY (ICR)
COM/CITEL/RES. 295 (XXXIII-17)	DRAFT AGENDA, SITE AND DATE OF THE 34 MEETING OF COM/CITEL

##### RECOMMENDATIONS

No Recommendations were approved in this period

##### DECISIONS

COM/CITEL DEC. 93 (XXXIII-17)	SUBMISSION OF THE RESOLUTION PCC.II/RES. 115 (XXIX-17) "AMENDING THE INTER-AMERICAN CONVENTION ON AN INTERNATIONAL AMATEUR RADIO PERMIT (IARP)" TO THE VII REGULAR MEETING OF THE ASSEMBLY OF CITEL
COM/CITEL DEC. 94 (XXXIII-17)	DEVELOPMENT OF CITEL'S STRATEGIC PLAN FOR 2018-2022
COM/CITEL DEC. 95 (XXXIII-17)	HOLDING A SPECIAL VIRTUAL MEETING TO DISCUSS PROPOSALS RELATED TO AMENDING BASIC ITU TEXTS
COM/CITEL DEC. 96 (XXXIII-17)	CREATION OF AN AD HOC GROUP FOR THE PREPARATION OF THE DECLARATION OF BUENOS AIRES
COM/CITEL DEC. 97 (XXXIII-17)	ELABORATION OF THE MANDATES OF THE PCCS AND OF A METHODOLOGY FOR PRESENTATION, DISCUSSION AND APPROVAL OF INTER-AMERICAN CONTRIBUTIONS (IAC)
COM/CITEL DEC. 98 (XXXIII-17)	CREATION OF A MENTORING PROGRAM PREPARING ADMINISTRATIONS FOR ITU WORLD CONFERENCES AND ASSEMBLIES

## **D.2 PERMANENT CONSULTATIVE COMMITTEE I: TELECOMMUNICATIONS/ INFORMATION AND COMMUNICATION TECHNOLOGIES (PCC.I)**

### **RESOLUTION**

PCC.I/RES. 277 (XXX-17)	REVOKES RESOLUTIONS PCC.I/RES. 210 (XXII-13) AND PCC.I/RES.228 (XXV-14) CREATING A DATABASE OF ROAMING RATES
PCC.I/RES. 278 (XXX-17)	WORKSHOP ON IMPLEMENTING SMART CITIES IN THE AMERICAS -INNOVATION AND SUSTAINABILITY
PCC.I/RES. 279 (XXX-17)	PROMOTING THE DIGITAL ECONOMY IN THE AMERICAS
PCC.I/RES. 280 (XXX-17)	SEMINAR ON CONTROL OF MOBILE DEVICES WITH ALTERED/ DUPLICATE IDENTIFIERS
PCC.I/RES. 281 (XXX-17)	CITEL INDEX OF BROADBAND DEVELOPMENT IN THE AMERICAS REGION
PCC.I/RES. 282 (XXX-17)	SEMINAR: BEST PRACTICES IN THE PROVISION OF INFORMATION TO USERS
PCC.I/RES. 283 (XXX-17)	CREATING THE AD HOC GROUP FOR THE APPLICATION OF INFORMATION AND COMMUNICATION TECHNOLOGIES (ICT) AS TOOLS FOR THE EMPOWERMENT OF WOMEN
PCC.I/RES. 284 (XXX-17)	AGENDA, SITE AND DATE OF THE 31 MEETING OF PCC.I
PCC.I/RES. 285 (XXXI-17)	GUIDELINES FOR DIGITAL INCLUSION AND MEANINGFUL BROADBAND ADOPTION IN THE AMERICAS
PCC.I/RES. 286 (XXXI-17)	STANDARDS COORDINATION DOCUMENT (SCD) FOR ITU-T G.989-SERIES RECOMMENDATIONS: NEXT GENERATION OPTICAL NETWORKS: 40-GIGABIT-CAPABLE PASSIVE OPTICAL NETWORKS (NG-PON2)
PCC.I/RES. 287 (XXXI-17)	ROADMAP PROPOSAL FOR FOLLOW-UP TO MOVE FORWARD WITH THE PROJECT TO SUPPORT DISASTER RESPONSE AND MITIGATION THROUGH TELECOMMUNICATIONS
PCC.I/RES. 288 (XXXI-17)	TERMS OF REFERENCE OF THE AD HOC GROUP FOR THE IMPLEMENTATION OF ICTS AS TOOLS FOR THE EMPOWERMENT OF WOMEN
PCC.I/RES. 289 (XXXI-17)	WORKSHOP TO EMPOWER WOMEN AND GIRLS THROUGH ICTs
PCC.I/RES. 290 (XXXI-17)	AGENDA, SITE AND DATE OF THE 32 MEETING OF PCC.I

### **RECOMMENDATIONS**

No Recommendations were approved in this period

### **DECISIONS**

PCC.I/DEC. 261 (XXX-17)	DISCUSSION OF POSSIBLE CONTRIBUTIONS TO ITU-T STUDY GROUPS ON THE COMBAT OF COUNTERFEIT, TAMPERED AND STOLEN ICTDEVICES
PCC.I/DEC. 262 (XXX-17)	CREATE A SPACE ON THE CITEL VIRTUAL COMMUNITY FOR EMERGENCY COMMUNICATIONS BASED ON RESULTS OF THE QUESTIONNAIRE TO IDENTIFY CONTACTS AND POTENTIAL CAPACITY BUILDING ACTIVITIES
PCC.I/DEC. 263 (XXX-17)	QUESTIONNAIRE ON THE ECONOMIC IMPACTS OF IPV4-IPV6 TRANSITION

PCC.I/DEC. 264 (XXX-17)	UPDATES TO THE TECHNICAL NOOTEBOOK 13: BROADBAND ACCESS TECHNOLOGIES
PCC.I/DEC. 265 (XXX-17)	TERMINATION OF THE 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
PCC.I/DEC. 266 (XXX-17)	CREATING AN AD HOC GROUP FOR THE IDENTIFICATION OF WORK PRIORITIES, EXPECTED RESULTS, AND POSSIBLE IMPROVEMENTS IN THE PARTICIPATION OF ASSOCIATE MEMBERS FOR THE NEXT PCC.I STUDY PERIOD
PCC.I/DEC. 267 (XXX-17)	UPDATING INFORMATION ON THE STRUCTURE OF CITEL CONCERNING THE DESIGNATION OF CHAIRS, VICE-CHAIRS, RAPPORTEURSHIPS, AND AD HOC GROUPS
PCC.I/DEC. 268 (XXX-17)	DEADLINE FOR THE SUBMISSION OF DOCUMENTS FOR MEETINGS OF PCC.I
PCC.I/DEC. 269 (XXX-17)	CREATION OF AD HOC GROUP TO COORDINATE STRATEGIC INITIATIVES OF THE OAS RELATED TO TELECOMMUNICATIONS/ICT
PCC.I/DEC. 270 (XXXI-17)	PROPOSAL TO MODIFY DECISION PCC.I/DEC. 254 (XXIX-16) - REPORT OF CONSULTATIONS ABOUT THE PROCESSES OF EXCHANGE AND BLOCKING OF IMEIs BETWEEN COUNTRIES FOR MOBILE DEVICES REPORTED LOST OR STOLEN
PCC.I/DEC. 271 (XXXI-17)	UPDATE STUDY "REGULATORY LEGAL FRAMEWORK AND RESEARCH ON THE BEHAVIOR OF CONSUMERS OF TELECOMMUNICATIONS SERVICES IN LATIN AMERICA"
PCC.I/DEC. 272 (XXXI-17)	QUESTIONNAIRE ON PROTECTING USERS OF DIGITAL FINANCIAL SERVICES
PCC.I/DEC. 273 (XXXI-17)	AMENDMENTS TO TECHNICAL FOLDER "POLICIES FOR THE PROMOTION OF THE DEPLOYMENT AND CONSTRUCTION OF TELECOMMUNICATIONS INFRASTRUCTURE"
PCC.I/DEC. 274 (XXXI-17)	QUESTIONNAIRE ON THE IMPLEMENTATION OF THE RECOMMENDATION ITU-D 19 IN THE AMERICAS REGION
PCC.I/DEC. 275 (XXXI-17)	CREATE A SPACE ON THE CITEL VIRTUAL COMMUNITY FOR 5G-RELATED CONTRIBUTIONS SUBMITTED TO THE RAPPORTEURSHIP ON TECHNOLOGY INNOVATION AND TRENDS
PCC.I/DEC. 276 (XXXI-17)	REQUEST THE ADMINISTRATIONS FOR INFORMATION TO UPDATE THE CITEL'S TELECOMMUNICATIONS INFORMATION SYSTEM

### **D.3 PERMANENT CONSULTATIVE COMMITTEE II: RADIOCOMMUNICATIONS (PCC.II)**

#### **RESOLUTIONS**

PCC.II/RES. 114 (XXIX-17)	AGENDA, VENUE AND DATE FOR THE 30 MEETING OF PCC.II
PCC.II/RES. 115 (XXIX-17)	AMENDING THE INTER-AMERICAN CONVENTION ON AN INTERNATIONAL AMATEUR RADIO PERMIT (IARP)
PCC.II/RES. 116 (XXIX-17)	ADJUSTMENT OF THE NAME OF THE WORKING GROUP ON SATELLITE SYSTEMS FOR THE PROVISION OF FIXED AND MOBILE SERVICES

PCC.II/RES. 117 (XXIX-17)	SEMINAR: SPECTRUM NEEDS OF UTILITIES
PCC.II/RES. 118 (XXIX-17)	SEMINAR: HIGH ALTITUDE PLATFORM STATIONS (HAPS) AND RELATED WRC-19 CONSIDERATIONS
PCC.II/RES. 119 (XXIX-17)	PROPOSED TIMELINE FOR CITEL WRC-19 PREPARATION
PCC.II/RES. 120 (XXX-17)	AGENDA, VENUE AND DATE FOR THE 31 MEETING OF PCC.II
PCC.II/RES. 121 (XXX-17)	INTER-AMERICAN PROPOSALS FOR WORLD RADIOCOMMUNICATION CONFERENCES
PCC.II/RES. 122 (XXX-17)	CITEL SEMINAR ON TERRESTRIAL IMT-2020
PCC.II/RES. 123 (XXX-17)	SEMINAR ON THE FIXED AND MOBILE SATELLITE SERVICES

**RECOMMENDATIONS**

PCC.II/REC. 54 (XXIX-17)	FREQUENCY ARRANGEMENTS FOR THE TERRESTRIAL COMPONENT OF IMT IN THE BANDS 3300-3400 MHz, 3400-3600 MHz AND 3600-3700 MHz, OR COMBINATIONS THEREOF
PCC.II/REC. 55 (XXIX-17)	RECOMMENDATION ON FREQUENCY ARRANGEMENTS FOR IMT IN THE BAND 1 427-1 518 MHz
PCC.II/REC. 56 (XXX-17)	FREQUENCY ARRANGEMENTS FOR THE TERRESTRIAL COMPONENT OF IMT IN THE BAND 614-698 MHz
PCC.II/REC. 57 (XXX-17)	RECOMMENDATION ON SPECTRUM MANAGEMENT FOR MTC/IOT/M2M APPLICATIONS
PCC.II/REC. 58 (XXIX-17)	GUIDANCE ON A LICENSING FRAMEWORK FOR AUTHORIZATION AND OPERATION OF EARTH STATIONS IN MOTION COMMUNICATING WITH GEOSTATIONARY SPACE STATIONS IN THE FIXED SATELLITE SERVICE IN THE FREQUENCY BANDS 10.95-11.2 GHz, 11.45-11.7 GHz, 11.7-12.2 GHz AND 14.0-14.5 GHz IN THE AMERICAS
PCC.II/REC. 59 (XXX-17)	SPECTRUM USE OF THE FREQUENCY RANGE 470-698 MHz BY THE BROADCASTING SERVICE

**DECISIONS**

PCC.II/DEC. 189 (XXIX-17)	CREATION OF A MENTORING PROGRAM
PCC.II/DEC. 190 (XXIX-17)	DEADLINE FOR THE SUBMISSION OF DOCUMENTS FOR MEETINGS OF PCC.II
PCC.II/DEC. 191 (XXIX-17)	CREATING AN AD HOC GROUP FOR THE IDENTIFICATION OF WORK PRIORITIES, EXPECTED RESULTS, AND POSSIBLE IMPROVEMENTS IN THE PARTICIPATION OF ASSOCIATE MEMBERS FOR THE NEXT PCC.I STUDY PERIOD
PCC.II/DEC. 192 (XXIX-17)	CREATION OF AD HOC GROUP TO COORDINATE STRATEGIC INITIATIVES OF THE OAS RELATED TO RADIOCOMMUNICATIONS
PCC.II/DEC. 193 (XXIX-17)	WRC-WG DOCUMENT WEBSITE PLACEMENT
PCC.II/DEC. 194 (XXIX-17)	LIAISON RESPONSE TO ITU-R WORKING PARTY 5A ON THE REVISION OF RECOMMENDATION ITU-R M.2015-1 AND POSSIBLE SUPPRESSION OF RECOMMENDATION ITU-R M.1826
PCC.II/DEC. 195 (XXIX-17)	RAPPORTEUR TO ITU-R WORKING PARTY 5B ON RADIOLOCATION, AMATEURS, MARITIME, AND AERONAUTICAL
PCC.II/DEC. 196 (XXIX-17)	RAPPORTEUR TO ITU-R WORKING PARTY 7B ON SPACE SCIENCE SERVICES
PCC.II/DEC. 197 (XXX-17)	MONITORING OF THE POWER LEVELS OF UNWANTED EMISSIONS IN THE OUT-OF-BAND DOMAIN BY BASE STATIONS PROVIDING IMT SERVICES WITH LTE RADIO INTERFACES

PCC.II/DEC. 198 (XXX-17)

PCC.II/DEC. 199 (XXX-17)

ELECTRONIC CORRESPONDENCE GROUP ON THE  
SATELLITE BROADBAND SYSTEMS IN THE AMERICAS  
WORK OF THE AD HOC GROUP TO CREATE THE PROCEDURE FOR  
INTER-AMERICAN CONTRIBUTIONS (IAC)