

PCC.I/RES. 144 (XIII-08) ¹

PCC.I WORK PLAN FOR 2008-2010

The XIII Meeting of the Permanent Consultative Committee I: Telecommunications,

CONSIDERING:

- a) The Strategic Plan for 2006-2010 approved by the IV Assembly of CITEL, in Resolution CITEL RES. 52 (IV-06);
- b) The need to assess compliance with the CITEL Strategic Plan as requested in Resolution COM/CITEL RES. 161 (XIII-03) “Addition of Performance Parameters or Indicators to CITEL Strategic Plans”,

RESOLVES:

- 1. To approve the work plans of PCC.I attached.
- 2. To assess the results of and revise these work plans annually.
- 3. To revoke PCC.I/DEC. 80 (XII-08).

ANNEX TO RESOLUTION PCC.I/RES. 144 (XIII-08)

1. WORKING GROUP ON TECHNOLOGY

1.1 Rapporteur Group on Standards Coordination

Work Plan:

XIV PCC.I Meeting (2009)

- a) Request contributions on topics related to Standards Coordination, identified as “For later review.” Among these topics, the following are included: access to fiber, access to power lines, WiFi (IEEE 802.11), mobile wireless broadband access (IEEE 802.20), and satellite.
- b) Assess progress on security standards and create Standards Coordination Documents (SCDs), as appropriate.
- c) Update the Technical Notebook, “Next Generation Networks – Standards Overview” on the basis of the new technologies discussed.

¹ CCP.I-TEL/doc. 1548/08

XV PCC.I Meeting (2009)

- a) Review status of the standards on domestic networks.
- b) Review status of the standards related to IPTV and create relevant SCDs.
- c) Start up studies on NGN converged QoS standards.
- d) Update the Technical Notebook, “Next Generation Networks – Standards Overview” on the basis of new technologies discussed.

XVI PCC.I Meeting (2010)

- a) Assess progress on Emergency communications and draft the relevant SCDs.
- b) Assess progress on Identity Management and draft the relevant SCDs.
- c) Review status of the NGN Application/Service standards and draft the relevant SDCs.
- d) Update the Technical Notebook, “Next Generation Networks – Standards Overview” on the basis of new technologies discussed.

XVII PCC.I Meeting (2010)

- a) Review status of RFID technology and standardization of sensor/monitoring networks.
- b) Review status of Intelligent Transportation Systems (ITS) and standardization activities in progress.
- c) Update the Technical Notebook, “Next Generation Networks – Standards Overview” on the basis of new technologies discussed.

1.2 Rapporteur Group on Network Infrastructure

Work Plan:

XIV PCC.I Meeting (2009)

- a) Start up work for the Technical Notebook on Network Infrastructure on NGN.
- b) Update Technical Notebook on Broadband Access Technologies.
- c) Update Technical Notebook on Best Practices and Case Studies for Next Generation Networks.
- d) Continue developing the Technical Notebook on Power Line Communication (PLC) Technology.

XV PCC.I Meeting (2009)

- a) Update Technical Notebook on Network Infrastructure on NGN.
- b) Update Technical Notebook on Broadband Access Technologies.

- c) Update Technical Notebook on Best Practices and Case Studies for Next Generation Networks.
- d) Continue drafting the Technical Notebook on Power Line Communication (PLC) Technology.
- e) Reassess the work plan.

XVI PCC.I Meeting (2010)

- a) Assess progress in NGN infrastructure security.
- b) Update Technical Notebook on Network Infrastructure on NGN.
- c) Update Technical Notebook on Broadband Access Technologies.
- d) Update Technical Notebook on Best Practices and Case Studies for Next Generation Networks.
- e) Continue drafting Technical Notebook on Power Line (PLC) Technology.

XVII PCC.I Meeting (2010)

- a) Assess current trend of network infrastructure.
- b) Review status of network technologies.
- c) Update Technical Notebook on Network Infrastructure on NGN.
- d) Update Technical Notebook on Broadband Access Technologies.
- e) Update Technical Notebook on Best Practices and Cases of Next Generation Networks.
- f) Continue drafting the Technical Notebook on Power Line Communication (PLC) Technology.

1.3 Rapporteur Group on Advanced Services

Work Plan:

XIV PCC.I Meeting (2009)

- a) Update the Technical Notebook on “Study on characteristics of voice-based networks using IP.”
- b) Update the Technical Notebook on Practical Cases of Internet Protocol Television (IPTV) Technology.
- c) Assess the evolution of advanced services and propose studies on those services most widely deployed.
- d. Review status of the convergence of fixed and mobile technology and their related advanced services.

XV PCC.I Meeting (2009)

- a) Update the Technical Notebook on “Study on characteristics of voice-based networks using IP.”
- b) Update the Technical Notebook on Practical Cases of Internet Protocol Television (IPTV) Technology.
- c) Continue with the assessment of the evolution of advanced services and propose studies of those services most widely deployed.
- d) Review status of the convergence of fixed and mobile technology and their related advanced services.

XVI PCC.I Meeting (2010)

- a) Update Technical Notebook on “Study on characteristics of voice-based networks using IP.”
- b) Update the Technical Notebook on Practical Cases of Internet Protocol Television (IPTV) Technology.
- c) Continue with the assessment of the evolution of advanced services and propose studies of those services most widely deployed.
- d) Start up studies on the implementation of emergency services in the region’s countries.
- e) Promote workshops on advanced services, which shall be delivered by service providers.

XVII PCC.I Meeting (2010)

- a) Update Technical Notebook on “Study on characteristics of voice-based networks using IP.”
- b) Update Technical Notebook on Practical Cases of Internet Protocol Television (IPTV) Technology.
- c) Continue with the assessment of the evolution of advanced services and propose studies on those services most widely deployed.
- d) Promote advanced services workshops, which shall be delivered by service providers.
- e) Reassess current Work Plan based on new developments in telecommunications and propose a new work plan if necessary.
- f) Follow up on the work of ITU Study Group 13 about the definition of advanced services.

2. WORKING GROUP ON POLICY AND REGULATORY CONSIDERATIONS

2.1 Rapporteur Group on issues relative to Internet resources

Work Plan:

XIII, XIV, XV, XVI, and XVII PCC.I Meetings (2008-2010)

- a) Continue with the update of ccTLDs in the region.
- b) Generate reports on the IP address block management situation in CITEC countries.
- c) Draft documents on regional policies.
- d) Issue reports on the follow up of ICANN activities.
- e) Follow up on the UN General Secretary Group for Internet Governance coordinated by the WG on Economic and Tariff Issues.

2.2 Rapporteur Group on Telecommunications Economic Aspects

Work Plan:

XIII, XIV, XV, XVI, and XVII PCC.I Meetings (2008-2010)

- a) Monitor economic aspects associated to Internet in the Americas (International Internet Connectivity and Traffic Flow Methodologies).
- b) Update the Technical Notebooks on the economic aspects related to power-line network utilization (PLC) for telecommunication service provision and financing mechanisms for telecommunication service provision to people with impaired capacities.
- c) Continue studying different economics aspects.

2.3 Rapporteur Group on Cybersecurity & Critical Infrastructure

Work Plan:

XIII, XIV, XV, XVI, and XVII PCC.I Meetings (2008-2010)

- a) Solicit further input from CITEC membership for the Technical Notebook to facilitate discussion of regulatory and policy aspects of cybersecurity.
- b) Explore possible regional best practices to develop a culture of cybersecurity in the Americas.
- c) Identify various frameworks for national action for cybersecurity in the Americas.
- d) Identify elements of existing national cybersecurity frameworks.

2.4 Rapporteur Group on Mutual Recognition Agreements and Conformity Assessment Procedures

Work Plan:

XIII, XIV, XV, XVI, and XVII PCC.I Meetings (2008-2010)

- a) Support all member states in their MRA implementation efforts.
- b) Finish the Yellow Book on Telecommunication Equipment Conformity Assessment Processes in the Americas.
- c) Develop guidelines on conformity assessment policies and procedures aligned with ISO/IEC standards, appropriate for the possible application by CITEL member states.
- d) Develop a cooperation Program with other regions on their conformity assessment processes, and propose suitable solutions for the CITEL member states.

2.5 Rapporteur Group on Convergence

Work Plan:

XIII, XIV, XV, XVI, and XVII PCC.I Meetings (2008-2010)

- a) Drafting and distributing surveys on the current situation of convergence in member states.
- b) Collect and analyze the information obtained by means of the surveys.
- c) Research and collect information on convergence and the regulatory frameworks and policies that they apply in domestic markets of countries other than CITEL members.
- d) Submit status reports at the next PCC.I meetings.
- e) Draft and submit the final report on the studies including proposals and guidelines on the regulatory framework and convergence policies.

2.6 Rapporteur Group for the Preparation of WTSA and WCIT

Work Plan:

XIII, XIV, XV, XVI, and XVII PCC.I Meetings (2008-2010)

World Telecommunication Standards Assembly

- a) Consider the reports from Study Groups and ITU's Telecommunication Standardization Advisory Group in order to identify issues of interest to the region.

- b) Establish a discussion group in the electronic forum to receive contributions on the subject from member states and Associate Members.
- c) Follow up on regional activities (APT, CEPT, RCC, etc.) that take place as preparatory steps for WTSA.
- d) Propose and approve the IAP's to be presented at the WTSA.
- e) Review the results of the WTSA.

World Conference on International Communications

Consider the results of the Plenipotentiary Conference 2006 and the work being done in the International Telecommunication Union (ITU) and coordinate Common Inter-American Proposals, as applicable.

3. WORKING GROUP ON NETWORK OPERATION AND SERVICE PROVISIONING (GNOSP)²

The work plans to be implemented in 2009-2010 are presented below in each one of the rapporteur groups comprising the GNOSP

3.1 Rapporteur Group on the Impact of New Services

WORK PLAN FOR 2008-2010:

XIII PCC.I Meeting (2008)

- 1. Creation of the Technical Notebook on the Impacts of New Services.
- 2. Postponement of the presentation of the questionnaires to obtain information on the various services that can be implemented on NGN networks.
- 3. Presentation of a draft resolution for the purpose of scheduling workshops on the implementation of regional roaming and development and the start-up of IPTV in the Americas as the starting point for providing convergent services is deferred to the next meeting.

XIV PCC.I Meeting (2009)

- 1. Progress of the Technical Notebook on the Impacts of New Services.
- 2. Presentation of the corresponding resolution to hold a workshop on the implementation of services related to an IPTV platform.
- 3. Evaluation and scheduling of the Group's activities and work plan.

XV PCC.I Meeting (2009)

- 1. Develop the workshop on the implementation of services related to an IPTV platform.
 - a. Promote broad participation of operators and regulators in the development of these services.

² Document PCC.I-TEL/doc.933/06 rev.1

2. Submit a draft resolution to hold a workshop on the various services supported on NGN networks.
3. Assess and schedule the Group's activities and work plan.

XVI and XVII PCC.I Meetings (2010)

1. Provide a report on the progress of the Technical Notebook on the Impacts of New Services, using as a baseline the results of the workshop and the contributions of the member states.
2. Develop, for the first meeting of 2010, a workshop on various services supported on NGN networks.
3. Draw up draft recommendations for the second meeting of 2010 with respect to the topics reviewed in the two workshops related to the implementation of services supported on NGN networks.
4. Assess and schedule the Group's activities and work plan.

3.2 Rapporteur Group on Interconnection and Interoperability of Networks

WORK PLAN 2008-2010

XIII PCC.I Meeting (2008):

1. Creation of the Technical Notebook on Network Interconnection and Interoperability.
2. The questionnaire on NGN network operators is eliminated because it did not receive any contributions from the member states.
3. Work is done on coordination of the GTOPSINT discussion group on interconnection and interoperability of networks, which shall submit a report at the next meeting on the main discussion points dealt with, as well as observations and recommendations.

XIV PCC.I Meeting (2009):

1. Submit the draft resolution "Creation of a Technical Notebook on Network Interconnection and Interoperability.
2. Draft resolution on "Workshop on the operation and delivery of roaming service in the region," related to the topic of Interoperability and Interconnection.
3. Assess and schedule the Group's activities and work plan.

XV PCC.I Meeting (2009)

1. Develop the Workshop on "Roaming service operation and provision in the region."
2. Assess and schedule the Group's activities and work plan.

XVI and XVII PCC.I Meetings (2010)

1. Prepare a report on the main points of discussion dealt with in the forum, as well as observations and recommendations drawn from the workshop on roaming service in the region.
2. Propose recommendations on best practices for the roaming service operation and provision in the region.
3. Submit a draft resolution to hold a Workshop on "Best practices for network interconnection and interoperability enabling the final customer to have high-quality services in the region."
4. Report on the Technical Notebook on Network Interconnection and Interoperability.
5. Assess and schedule the Group's activities and work plan.

3.3 Rapporteur Group on Fraud Control in Telecommunication Services

WORK PLAN FOR 2008-2010:

XIII PCC.I Meeting (2008):

1. The third workshop on fraud in the region is successfully held, meeting the expectations of member states.
2. Information is received from the questionnaire on “Anti-regulatory and anti-competitive practices in the provision of telecommunication services” in coordination with the CITELE Secretariat.
3. The report on the status of data-gathering by the Co-Rapporteur shall be submitted at the next meeting.
4. The proposal for holding the following workshops on fraud in the region shall be submitted before the next meeting.

XIV PCC.I Meeting (2009)

5. Submit the resolution on the topics constituting the following workshops on fraud as adopted by the region.
6. Develop the fourth workshop at the XIV PCC.I Meeting.
7. Establish joint working ties with other research entities such as CFCA, FIINA, GSM, and ITU on the topics of fraud for the purpose of obtaining important information for the members of CITELE.

XV PCC.I Meeting (2010)

1. Develop the fifth workshop at the XV PCC.I meeting.
2. At this meeting, propose recommendations to the member states on the guidelines that must be implemented to minimize fraud in the region.

XVI and XVII PCC.I Meetings (2010)

1. Provide a report on the progress of the Technical Notebook on Fraud, including the results achieved by the five workshops that were held.
2. Submit a resolution to submit to CITELE the recommendations on the guidelines that the member states must apply in the regulations of their countries to minimize fraud.

3.4 Rapporteur Group on Numbering and Addressing

WORK PLAN FOR 2008-2010:

XIII PCC.I Meeting (2008):

- a) The workshop on number portability was held, with excellent results.
- b) The Technical Notebook on Number Portability shall be submitted at the next meeting.

XIV PCC.I Meeting (2009)

1. Submit the draft recommendation on number portability.
2. Submit the Technical Notebook on Number Portability, with the inclusion of number portability implementation models.

3. Draft the paper on best practices in numbering plans.

XV PCC.I Meeting (2009):

1. Submit the Technical Notebook on ENUM.
2. Follow-up and revision of the Technical Notebook on Number Portability.
3. Draft the paper on best practices in numbering plans.

XVI PCC.I Meeting (2010):

1. Follow-up, update, and revision of the Technical Notebook on Number Portability and ENUM.
2. Workshop on portability to share regional experiences or models on the implementation of number portability in the Americas.

XVII PCC.I Meeting (2010):

1. Submittal of recommendations on the Numbering and Addressing Plans for Converging Networks and Multimedia.
2. Drafting the document with the best practices for numbering plans.

4. WORKING GROUP ON DEVELOPMENT

4.1 Rapporteur for developing ICTs in areas and groups with unattended needs or with specific issues, which will deal with the following study questions:

- i. Indigenous peoples and communities.
- ii. People with disabilities.
- iii. Access to ICTs in areas or towns with unattended needs.

Work Plan:

XIII PCC.I Meeting (2008)

Start-up of the compilation of information on national and international recommendations, commitments, and parameters.

XIV PCC.I Meeting (2009)

Submittal of the compilation of information on national and international recommendations, commitments, and parameters.

XV PCC.I Meeting (2009)

Holding a workshop on ICT development policies for areas or groups insufficiently serviced or under special situations to work on the following study questions.

XVII PCC.I Meeting (2010)

Issuance of public ICT development policies for areas or groups insufficiently serviced or under special situations to work on the following study questions.

4.2 Rapporteur group on scientific and technological research and technology transfer

Work Plan:

- a) Reiterate to all member delegations the request for information on the topics of this rapporteurship.
- b) Complete the database submitted at the XII Meeting on the basis of information of the administrations and the information obtained by the members of the rapporteurship.
- c) Update information on science, technology and innovation organizations and institutions, as well as nongovernmental organizations (NGOs), networks, universities, technology centers and other organizations involved in the topics of this rapporteurship.
- d) With the representatives of the member countries, monitor the accuracy of the information supplied and the establishment of contacts for technical cooperation with the organizations mentioned in item c) above.
- e) Compile informative contributions from papers and initiatives produced by other organizations and institutions involved in scientific and technological research on telecommunications, which were submitted by the academic community at national and international congresses.
- f) Establish ties with other science, technology, and productive innovation organizations of member countries in order to ensure the update of information, especially with the Office of Education, Science and Technology of the Organization of American States.
- g) Support all members in their efforts to implement the search and subsequent transmittal of information.
- h) Set up, through CITEL's web page, an online discussion group to receive the contributions made by member States and associate members on this topic.
- i) Follow up on regional contents that develop activities related to scientific and technological research on telecommunications, for their subsequent inter-relation and coordination.
- j) Make progress in drawing up agreements between CITEL and other institutions of the continent that develop, compile, or articulate information related to current and future knowledge about ICT-related technological and scientific topics.
- k) Produce an interactive CD that can be updated and that brings together not only the databases stemming from the present rapporteurship, but also any other information that might reflect the progress made in cooperation and agreements implemented with other academic, scientific, and technological organizations and institutions. Make the CD available on CITEL's web site.

Actions

Activities	Date
1. Encourage the administrations to make contributions to the Rapporteurship through the Discussion Group that has already been set up (item a).	XII Meeting of PCC.I
2. Identify the efforts made in other international organizations (item c).	XIII Meeting of PCC.I
3. Promote agreement between CITEC and ALTEC (Latin American Association of Technological Management) (item j)	
4. Items e), b), f), h).	XIV Meeting of PCC.I
5. Items i), j), k).	XV Meeting of PCC.I
6. Culmination of activities (item k).	XVI Meeting of PCC.I
7. Final delivery of the CD.	XVII Meeting of PCC.I

4.3 Question: General updated information on projects and initiatives related to ICT

Work plan:

Technical Notebook or Reference Document that holds up-to-date general information on projects and initiatives in information and communication technologies for development in Latin America and the Caribbean that are relevant and pertain to the topics and sectors identified in the present Working Group.

4.4 Rapporteur Group on the use of Telecommunications for Disaster Relief and Prevention

Activities	Date
1. Encourage administrations to make contributions in the Rapporteurship through the Discussion Group that has already been created.	XI and XII Meeting of PCC.I
2. Identify efforts made in other international organizations.	XI, XII and XIII Meeting of PCC.I
3. Structure the tables of contents of the Technical Notebook.	2 months before the XIV Meeting of PCC.I
4. Submit the Technical Notebook.	XIV Meeting of PCC.I
5. Update the Technical Notebook	XV Meeting of PCC.I

6. Permanently update the Technical Notebook	XVI and following meetings of PCC.I
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4.5 Other initiatives related to WGD

Work plan:

XIII PCC.I Meeting (2008)

- a) Submit results of the questionnaire on the training needs of PCC.I.
- b) Submit proposals for workshops on topics of interest of the WGD.

XIV PCC.I Meeting (2009)

- a) Submit proposal to conduct a study that would make it possible to draw up policies to improve connectivity in the region.
- b) Hold workshops about topics of interest of the WGD.

XV PCC.I Meeting (2009)

Submit questionnaires and working documents for the purpose of furthering the study on policies to improve connectivity in the region.

XVI PCC.I Meeting (2010)

- a) Draw up a questionnaire that makes it possible to establish generally applied indicators and statistical definitions for the member States for the purpose of evaluating development-related telecommunication and ICT aspects.
- b) Hold workshops about topics of interest of the WGD.

XVII PCC.I Meeting (2010)

- a) Submit the results of the study on policies to improve connectivity in the region.
- b) Submit the results of the questionnaire on generally applied indicators and statistical definitions for the member States for the purpose of evaluating development-related telecommunication and ICT aspects.
- c) Draw up an information plan for the purpose of managing the indicators to evaluate development-related telecommunication and ICT aspects.