



ITU-D/ITU-T Seminar on Standardization and Development of Next Generation Networks for the Arab Region

Manama (Bahrain) 29 April – 2 May 2007

ITU-D STUDY GROUP 2 QUESTION 19-1/2
**Strategy for migration from existing to next-generation
networks (NGN) for developing countries**

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Draft Work Program for Question 19-1/2

1. Introduction
2. Identification of active collaborators
3. Working Plan
4. Working Methods
5. Contributions

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Introduction

- Study Group 1 - Regulatory issues
- Study Group 2 - Technical issues
- Working procedures in accordance with Resolutions 1 and 2 of WTDC-06 to be applied by Study Groups
- The work on an assigned Question should be organized and follow a work programme so that the expected results could be satisfactorily reached.

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Identification of Active Collaborators

- An important contribution for the work to be made on this Question is expected to come from a group of collaborators (Rapporteur's Group).
- All interested parties are invited to join the Rapporteur's Group so that the work on this question can satisfactorily progress and comprehensively cover the scope of Q19 1/2.

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Work Plan – List of Tasks to Be Completed

- The issues proposed for study under Q19 1/2;
 - A) trends of telecommunication networks migration towards NGN.
 - B) examination of NGN technologies (network management, transport networks, access networks, interworking with existing networks, etc)

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Work Plan – List of Tasks to Be Completed

- C) methodologies for planning, with taking into account the behaviour of different existing networks.
- D) Migration solutions to NGN

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Work Plan – List of Tasks to Be Completed

During the work period, the expected outputs for Question 19-1/2 are:

- i. Yearly progress report on NGN development
- ii. A report of methodologies for planning NGN (multidimension planning process, services demand forecasting methods, traffic forecasting models, and structure and dimensioning optimization methods.
- iii. A set of guidelines for migration from existing networks to NGN

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Results Anticipated Including Titles of Output Documents and Their Target Dates

The Results and the Target Dates Proposed for the 2006-2010 Period Are Proposed to Be:

DATE	ACTIVITY/EXPECTED OUTPUT	PERSON RESPONSIBLE
September 2007 (SG2 meeting)	a), b), c) and d) first yearly report focusing on case studies and best practices from developing countries as well as developed countries on migration towards NGN	Rapporteur's Group

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Results Anticipated Including Titles of Output Documents and Their Target Dates (Cont'd)

DATE	ACTIVITY/EXPECTED OUTPUT	PERSON RESPONSIBLE
Sep-08	a), b), c) and d) second yearly report with draft guidelines for developing countries on migration towards NGN	Rappporteur's Group
Sep-09	a), b), c) and d) Draft final report with guidelines for developing countries on migration towards NGN	Rappporteur's Group
Nov-09 (1)	a), b), c) and d) Finalization of Report with guidelines for developing countries on migration towards NGN	Rappporteur's Group

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Liaison Required With Other Groups

Question 19-1/2 will liaise closely with related BDT programmes, ITU-T in particular SG13 and ITU-R SGs involved in NGN studies, ITU-D Q.10-2/2, Q.18-1/2, Q.20-2/2 and Q.6-2/1, Q.7-2/1, Q.19-1/1.

Virtual or face-to-face meetings will be held at a minimum of once per year in order to accomplish the work plan

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Working Methods

- The Rapporteur's Group will make use of all past efforts done in the ITU-D and Q.19/2
- Concerning procedures to be followed, the group work is conducted by using the electronic means available to the extent practicable, respecting the target deadlines presented above at the best.

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Working Methods

- Concerning the expected outputs, status reports will be presented each year to the Study Group 2 Management Team as well as to the Study Group 2 Plenary Meeting.
- The final Report will be concluded and presented during the September 2009 Study Group Plenary Meeting.

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Rapporteur's Group meetings

- **Last Rapporteur's Group Meeting:
Geneva 19 February 2007**
 - Tutorial for the “guidelines for developing countries on migration towards NGN” will be circulated to the list of active collaborators seeking inputs and contributions and presented to the next meeting
- **Next Rapporteur's Group Meeting:
Geneva 24-27 September 2007**

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Contributions

- o Contributions in response to the work of Question 19-1/2 are invited.
- o Contributions should be sent to the Rapporteur's Group.
- o Those interested should get in touch with the following; (to have their names included in the distribution list of the Rapporteur's Group) riccardo.passerini@itu.int

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Conclusion

- Network providers and service providers need to contribute to the development of process regarding convergence of networks (termed as NGN) in order to fully understand and be part of the industry's evolution.
- The time to start is now.