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• In the past, ITU has been supporting countries for Network Planning activity by maintaining a Planning Tool mainly used for PSTN: PLANITU

What has been happening

- Telecommunication networks architectures are changing to meet new requirements for a number of services/applications (Broadband, IP, Multimedia, mobile, etc.).
- Different solutions/network architectures can be taken into account for a smooth transition from existing network infrastructures (PSTN/PLMN) towards Next Generation Networks (NGNs) as a result of the convergence process leading to different applications/services sharing network infrastructures.

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BDT Activities Related to Network Planning How to act • Considering the different solutions/network architectures that exist, each Network Planning case has to be analyzed and dealt with by using more than just one planning tool. It means that maintaining and updating a unique tool is not ٠ the correct strategy to be applied for Network Planning. • The major concerned Telecommunication Companies normally use different tools (or different packages integrated on a unique platform) for network Planning. They usually rely on the services of software companies who are in a position to provide quick updates as soon as required.

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WTDC-02 : ISAP programme 2



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1.3 Network planning

"New-generation technology is to be introduced in the networks, speeding up the convergence process, obliging planners to apply different specialized up-to-date planning tools. Hence the strong need for assistance to the network planner within this programme. Particular attention will be focused on network planning methods suitable for developing countries' needs. The current PLANITU tool would continue to be available for use if required, but ITU will enter in partnership agreements with outside partners, positioned to provide the Union with appropriate planning tools for any specific network planning request."

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Implementation of Network Planning Activities
Direct assistance have been provided to the Countries upon request
Intre-BDT Regional Seminars on Network Planning Strategy for Evolving Network Architectures
Intp://www.itu.int/TTU-D/tech/network-infrastructure/index.html
Belgrade (Serbia and Montenegro) 20-24 June 2005
Warsaw (Poland), 6-10 October 2003
Bangkok (Thailand), 11 - 15 November 2002
Manual on Network Planning for Evolving Network Architectures
Intp://www.itu.int/TTU-D/ties_users/Manual_Network_Planning/Draft_Version 02_14Feb05/DraftVersion02.html
Stework Planning Tools Specifications for Developing Countries (Draft version 1, June 2005)



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	•ITIL Vie	(http://www.itu.int/IIU-D/tech/network-infrastructure/index.ntml)		
	•Structi	•Structure and Content of the Document NPTS		
		,,		
Network Planning Tools Specifications for	Chapter	Title	Revision Status	
Developing Countries and Countries with economies in transitio	1	Introduction and scope	June 2005	
Reference Document	2	Needs for network planning by ITU members	June 2005	
Draft version 1	3	Network planning problems to be addressed by planning tools	June 2005	
June 2005	4	Technical requirements per planning domain	June 2005	
SOURCE: TELECOMMUNICATION DEVELOPMENT BUREAU (BDT)	Annex	Example of request for proposals for supply of a network planning tool	June 2005	

Scope and use of the Reference Document - NPTS

The Reference Document on NPTS is intended for use by network planning experts and managers from telecom operators, policy makers and regulators of developing countries and countries with economies in transition to facilitate the selection and the choice of appropriate Network Planning Tools needed for the development of their respective strategies for evolution of the present network architectures and transition to the next generation networks - NGN.

The Reference Document on Network Planning Tool Specifications for Developing Countries and Countries with economies in transition (**NPTS**) **intends to present an objective and tool neutral view of the issues to be addressed in the selection and acquisition of computer tools needed for planning of the telecommunications networks, including the transition to NGN.**

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