



INTERNATIONAL TELECOMMUNICATION UNION TELECOMMUNICATION DEVELOPMENT BUREAU

**WORLD TELECOMMUNICATION DEVELOPMENT
CONFERENCE (WTDC-98)**

**Document 192-E
27 March 1998
Original: English**

Valletta, Malta, 23 March - 1 April 1998

For action

Agenda item: 3.1

COMMITTEE B

Libya (Socialist People's Libyan Arab Jamahiriya)

MASTER PLAN FOR TELECOMMUNICATION DEVELOPMENT

A master plan for the country was elaborated to cover the period 1993 up to the year 2020 with the following objectives:

- obtain a medium and long-term target network;
- obtain a strategy for telecommunication development;
- provide the fundamental plans such as: routing, numbering, signalling, tariffication, etc.;
- obtain a digitization plan focusing on the transition period from analogue-to-digital network on the vast territory of the country;
- obtain a manpower development plan with recommendation to the organization restructuring;
- obtain a project execution plan;
- obtain an investment plan with the corresponding financial analysis; such as the rate of return on the inverted capital, net return/net assets, indebtedness, annual income per main line, grade of self-financing, etc.

The study has been implemented during a 3-year period under a UNDP cost sharing project with the assistance of ITU as executing agency.

The main results are:

- a target network by the year 2000 with a telephone density of 10% would require approximately \$US 4 billion of invested capital;
- a target network with 37% telephone density by the year 2020 would require \$US 15 billion.

Conclusion - It was found that it should be possible to implement the development programme and arrive at a healthy financial situation by the targeted year, once the organization follows the set of rules and recommendations indicated in the master plan.

In this context we propose that similar studies can be conducted in different developing countries to have a proper tool for planning a telecommunication development programme with the result of a broad margin of net socio-economic benefits to the country itself.

My country makes itself available to clarify any aspects of this experience.
