

Spectrum Management: Strategic Planning and Policies for Wireless Innovation”

case study

Place: Algeria

Date: 1-5 Dec. 2019

Presenter : Eng. Tamer Sayed



Session 14 Objectives

- The aim of Session 14 using case methodology is for participants to build on concepts, methods and tools learned in previous sessions and apply key learning's to spectrum planning – spectrum demand and supply forecasting and analysis.

Session Topics

- Estimating Spectrum Demand and Supply
- Spectrum Planning Processes
- New Entrants
- Digital Dividend

Case Study Guidelines

- Before exploring the task further, it is important that participants review the previous sessions in this Module and understand the spectrum management policy principles and objectives and tools used by spectrum managers to develop spectrum master plans and what are the intended purposes for such plans.

Key Stakeholders

- Communications Minister
- CommCo Communication Commission of Patria (NRA)
- Other Ministries: Defense, Transport (airports and rail)
- Existing Mobile Operators: Patria Telecomm (PatTel), DigiPatria and AllTel:
- Potential New Entrant: Newtel
- PBC: Patria Broadcasting Corporation
- PBA: Patria Broadcasting Association

Session 14 – Stage II Exercise

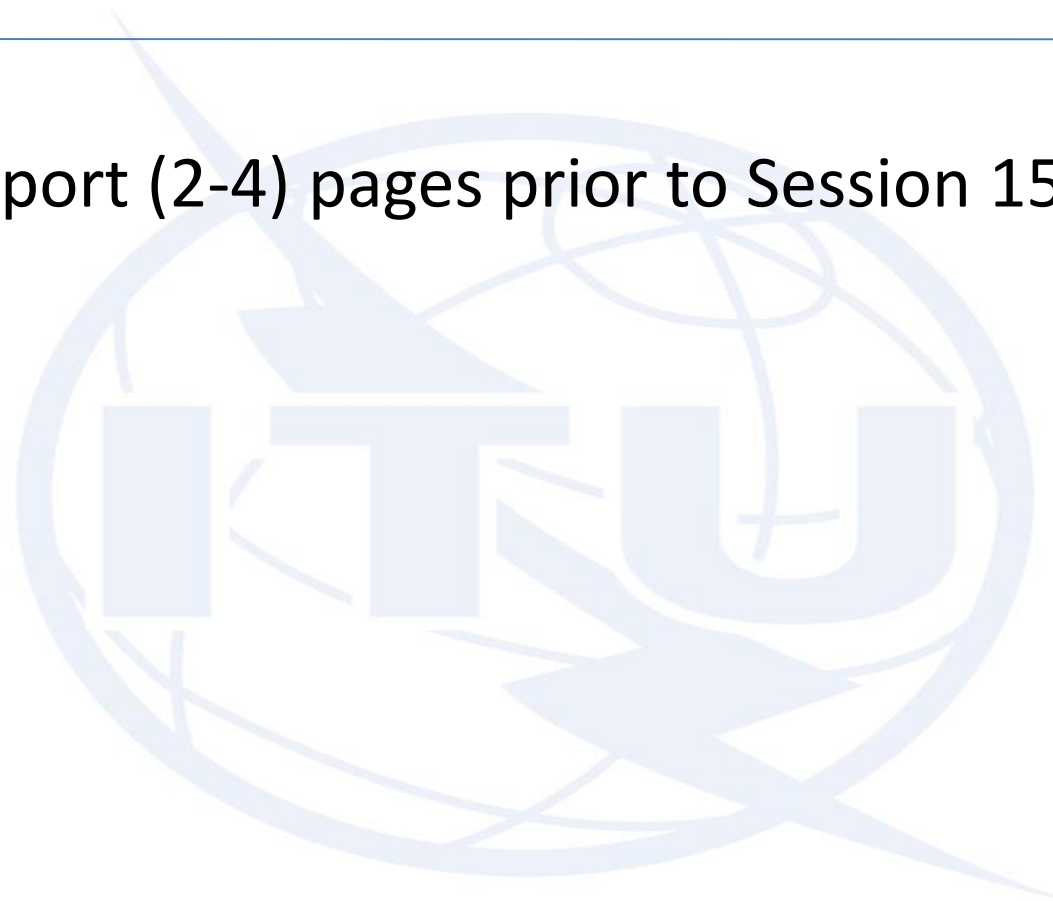
- CommCo is to prepare a brief report outlining a recommended approach. The report should consider and describe the following:
 - Key stakeholders and participants;
 - Methodologies for estimating spectrum demand and the supply of spectrum in terms of the types, reliability and sources of information and data;
 - Timeframe for the study period;
 - Consultation processes and communication
- The results of the study shall inform the Ministry and CommCo on what should be the appropriate strategic policies and actions. The study and analysis to be done by CommCo should take into account those bands being considered for IMT including:
 - The second digital dividend band 512-698 MHz
 - 1400 – 1600 MHz
 - 2700 – 2900 MHz

Case Study Guidance for Stage II

- As an expert working with CommCo you should consider the following:
- What are the priority bands to be considered given the current sector status?
- What process or steps do you recommend for gathering information and data?
- Provide recommendations concerning spectrum allocation principles – access, flexibility, and harmonization? What in your view is most important and why?

Reporting

- Submit the report (2-4) pages prior to Session 15.



A large, light blue watermark of the ITU logo is centered on the slide. It features a globe with a lightning bolt and the letters 'ITU' in a stylized font.

Thank you