



ASIA-PACIFIC TELECOMMUNITY
1st Meeting of SATRC Working Group on Spectrum in
SAP-IV
10 – 11 October 2012, Dhaka, Bangladesh


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Islamic Republic of Iran

RAPPORTEUR REPORT ON THE PROGRESS OF WORK ITEM
“CROSS BORDER COORDINATION”

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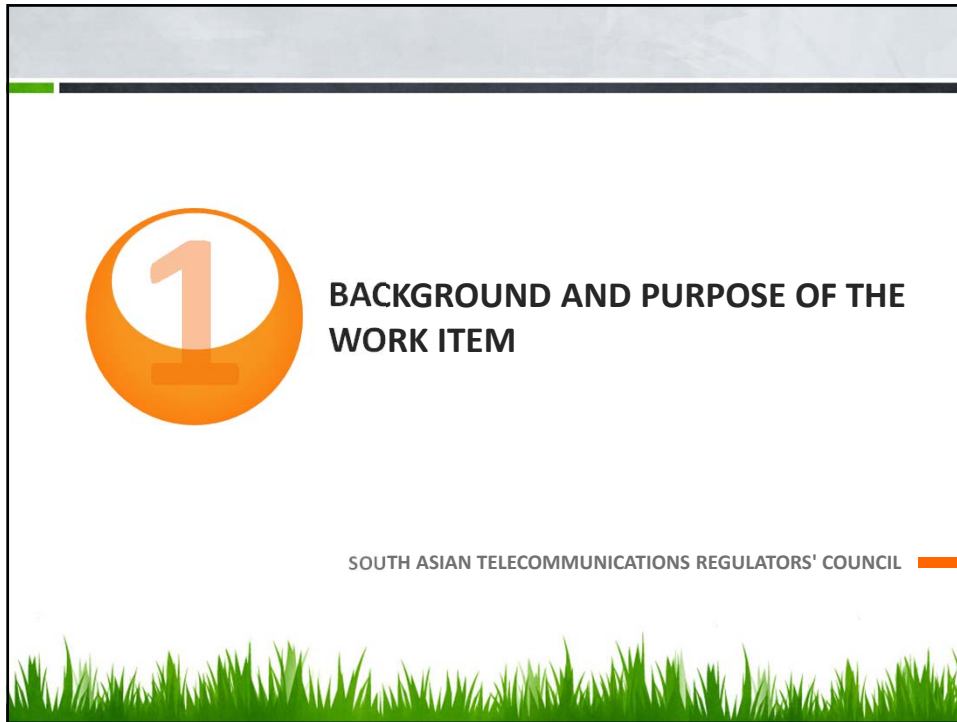
1st Meeting of SATRC Working Group on Spectrum in SAP-IV

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Dhaka, Bangladesh

Rapporteur's report on *Work Items: Cross Border Coordination*

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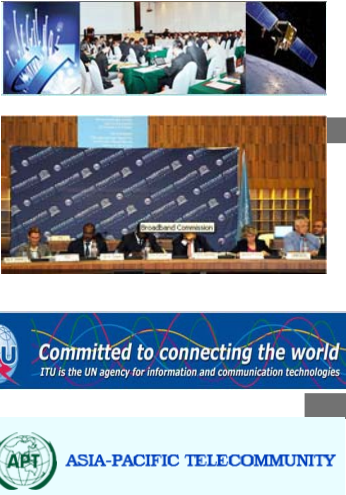
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BACKGROUND AND PURPOSE OF THE WORK ITEM

SOUTH ASIAN TELECOMMUNICATIONS REGULATORS' COUNCIL

This slide features a large orange circle with the number '1' inside, positioned to the left of the title. The title is in bold black text. Below the title, the name of the council is written in a smaller font. The slide has a decorative green grass border at the bottom and a grey header bar at the top.

Background



- Proposing report/Guideline for implementation of Mutual arrangements among SATRC member and solve interference , particularly for Mobile bands

This slide is titled 'Background' and contains three images on the left side. The top image shows a meeting with people seated around a table. The middle image shows a panel of people at a conference. The bottom image shows the ITU logo with the slogan 'Committed to connecting the world' and the text 'ITU is the UN agency for information and communication technologies'. Below that is the APT logo with the text 'ASIA-PACIFIC TELECOMMUNITY'. Arrows point from the top and middle images towards the text on the right, and an arrow points from the ITU logo towards the text on the right.

Scope of Work Item

- Collection member's ideas on studies of cross border coordination
- R.R. relevant coordination articles and existing document
- Methodological approaches for cross border coordination
- Process of cross border coordination



Background

Time Frame

- Total study period would be approximately 1 year

Utilization of Output


- Members can use the output as reference while making arrangements for cross border coordination



Introduction

A	CHARACTERISTICS	ANSWER	
		Yes	No
	Has your country/operator(s) ever had a mutual agreement?		
<i>If yes (Follow B.1-B.8)</i>			
B.1	Which year did it occur?		
B.2	Which frequency band (s)?		
B.3	Which country (ies) /operator(s) with?		
B.4	Was this experience successful?		
B.5	From Which agreement(s) do you have got idea(s)?		
B.6	What noteworthy point(s) is (are) that you think has (have) made your agreement a special one in comparison with other ones?		
B.7	If your agreement was not successful, what reasons do you have?		
B.8	What obstacles and difficulties do you have to make your agreement with another country (ies)?		

<i>If no(Follow C.1-C3)</i>			
C.1	Why?		
C.2	Didn't you need to arrange an agreement for your borders?		
C.3	Haven't you been able despite of your need?		
D	<table border="1"> <tr> <td>type of border</td> <td> More dense together and lower border Extended border area Long border Kind of: sea jungle mountain complex of these </td> </tr> </table>	type of border	More dense together and lower border Extended border area Long border Kind of: sea jungle mountain complex of these
type of border	More dense together and lower border Extended border area Long border Kind of: sea jungle mountain complex of these		
E	Which frequency bands does your country need to arrange an agreement for?		
F	Which services does your country need to arrange an agreement for?		
G	What objections do you suggest to discuss for this working party group?		
<i>Mobile</i>			
H.1	Technology (GSM/EDGE/UMTS/WCDMA/.....)		
H.2	Number of Mobile Operators of each Generation		
H.3	Name of Mobile Operators of each Generation		
H.4	Frequency band of each Generation		



ANALYSIS OF QUESTIONNAIRE RESPONSES

SOUTH ASIAN TELECOMMUNICATIONS REGULATORS' COUNCIL

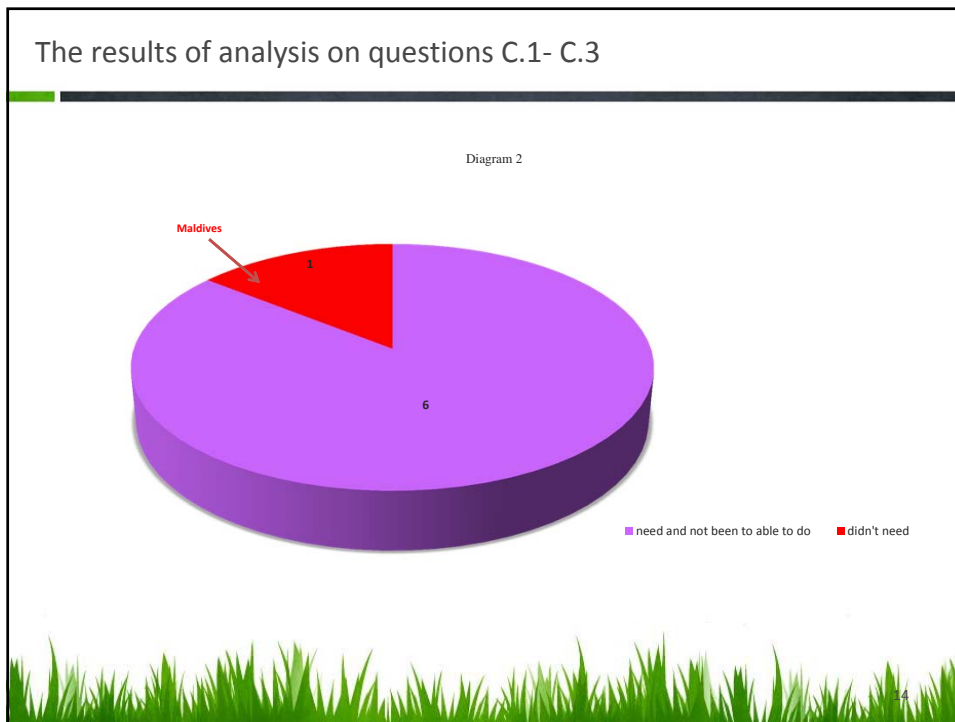
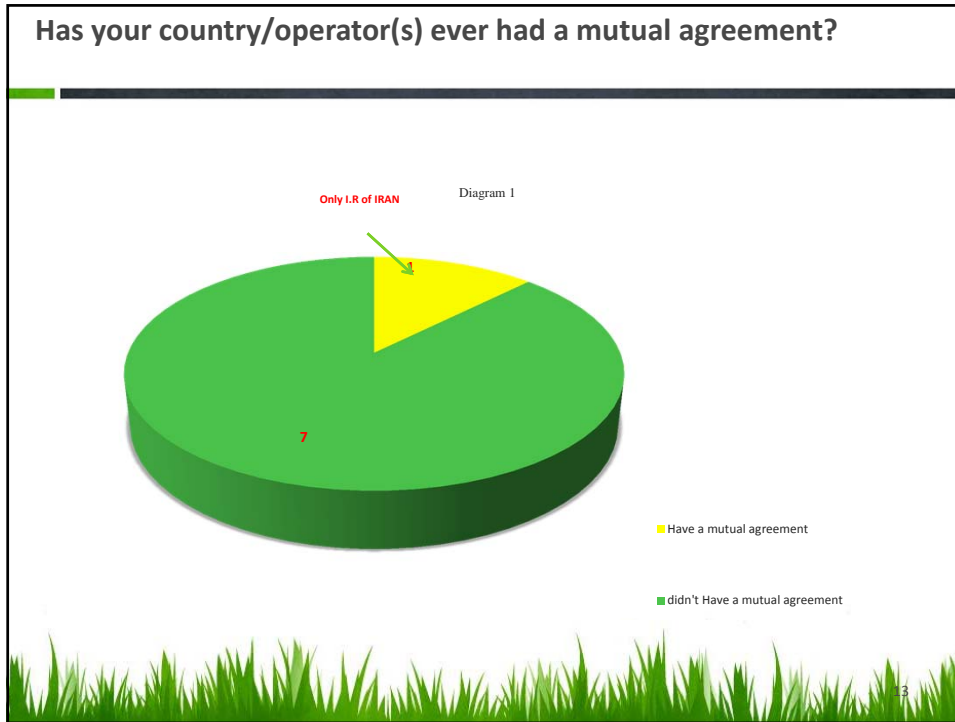
Abstract

- Rapid growth of the telecommunication and ICT technology worldwide offer a variety of new telecom products services and technologies.
- Considering these issues, a questionnaire on cross border coordination provided and sent to all member countries.
- Based on the responses from SATRC countries, this report presents the survey's results of cross border coordination among the SATRC countries; conclusion and future work are also included.

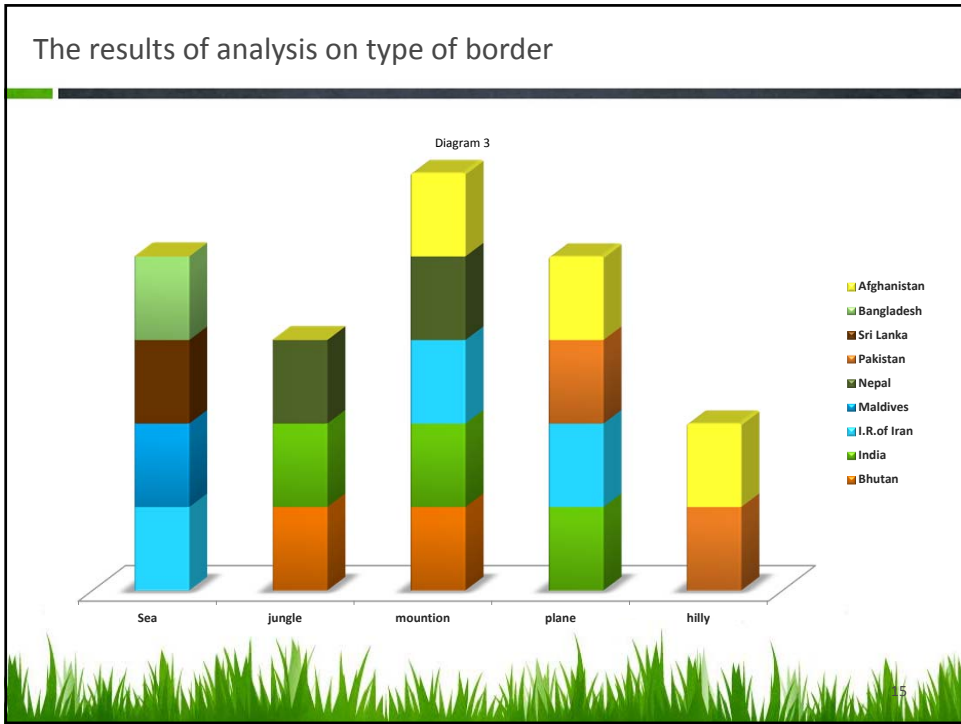
SATRC members

working group on spectrum has received responses to this questionnaire from the following SATRC member countries:





The results of analysis on type of border



Which frequency bands and services would your country need to arrange an agreement for?

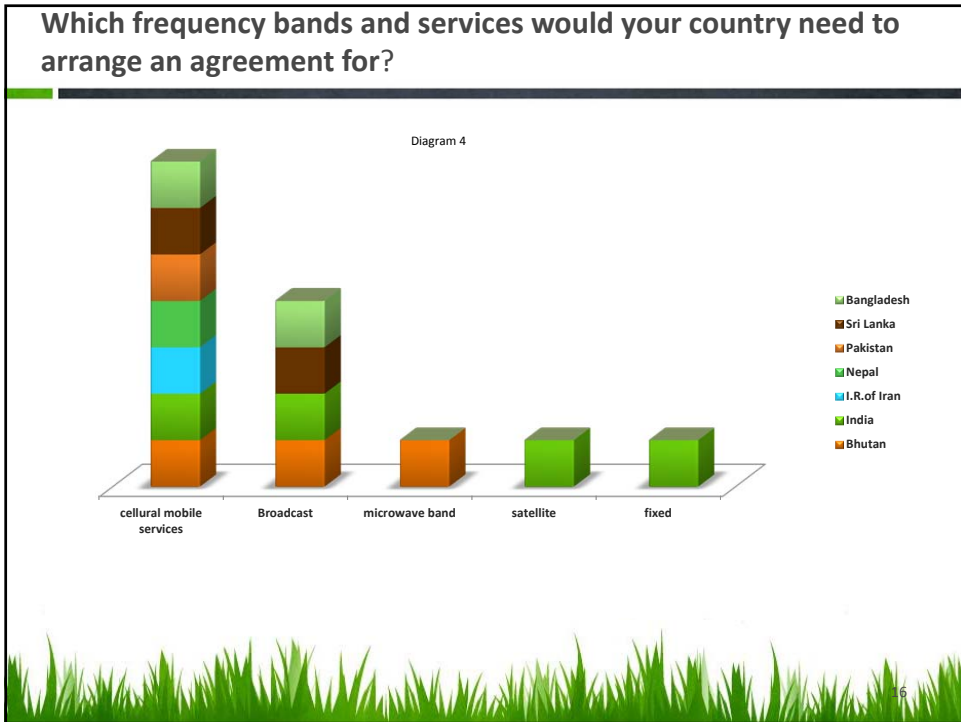
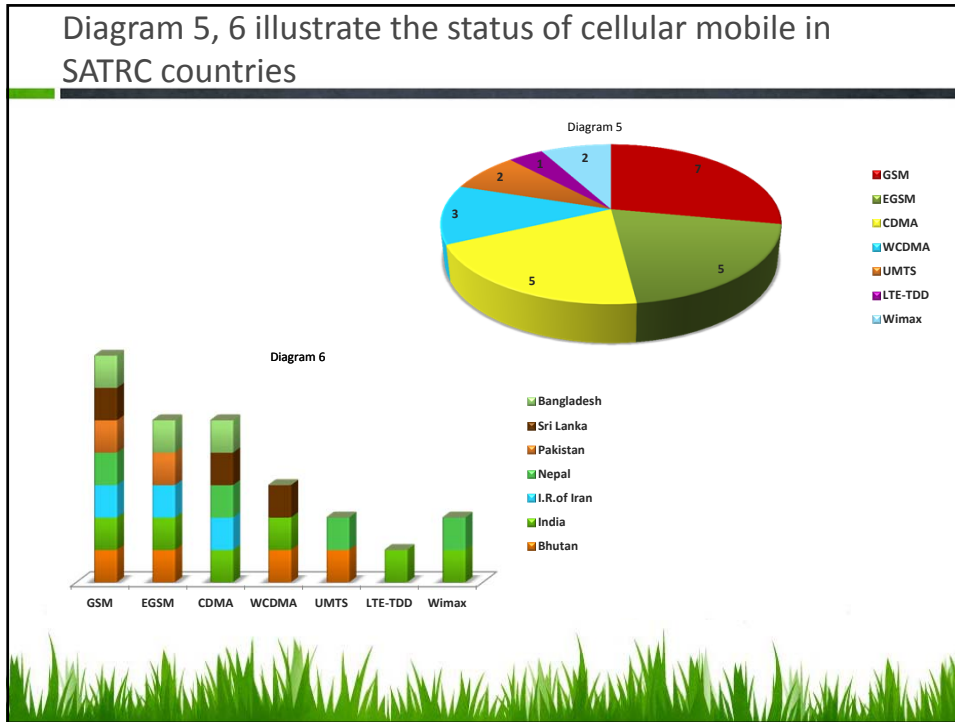
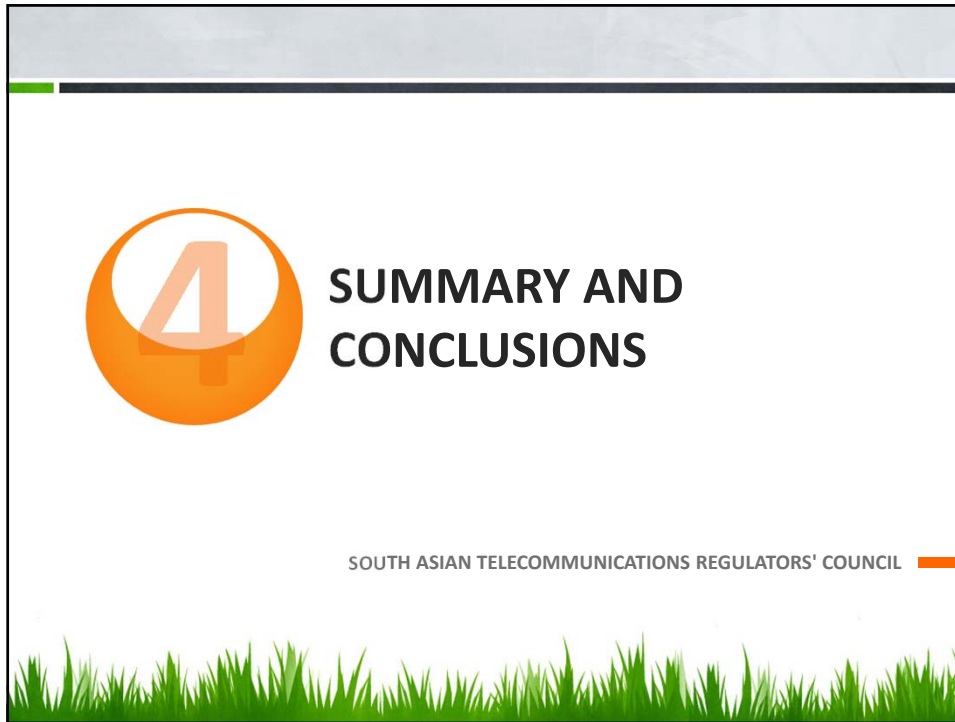


Diagram 5, 6 illustrate the status of cellular mobile in SATRC countries



I.R. Iran’s responses to the questioner

	CHARACTERISTICS	ANSWER
<i>If yes (Follow B.1-B.8)</i>		
B.1	Which year did it occur?	2009
B.2	Which frequency band (s)?	GSM 900/ 1800
B.3	Which country (ies) /operator(s) with?	With Azerbaijan
B.4	Was this experience successful?	rather
B.5	From Which agreement(s) do you have got idea(s)?	Berlin Agreement
B.6	What noteworthy point(s) is (are) that you think has (have) made your agreement a special one in comparison with other ones?	This Agreement is only for the GSM band and isn't generally mentioned rather than the other agreements
B.7	If your agreement was not successful, what reasons do you have?	- Didn't cooperation and coordination with operators and administrative units - Didn't execute an agreement step by step
B.8	What obstacles and difficulties do you have face to make your agreement with another country (ies)?	Implementation of the agreement and cooperation with operator



Summary and Conclusions

- Considering the results of the questioner, this report has been conducted an analysis to reveal the status of the SATRC countries regarding cross border coordination.
- The gathered information consists of some facts such as; type of border in each country, geographical features and status of mobile technology.
- According to this analysis, the following summary can be made with regard to the recent trends in the SATRC countries:

Summary and Conclusions

- Cross border coordination should be managed so as to ensure that harmful interference is avoided in borders.
- It is concluded that most of the SATRC countries need to arrange an agreement for borders. In this case, the experience of I. R. of Iran can be useful for SATRC countries.
- As clearly seen in the diagrams, several kinds of mobile communication networks, such as GSM/EDGE network, CDMA/CDMA 800 network, WCDMA network, UMTS network, IMT network and WiMAX network are developed in SATRC countries.

Summary and Conclusions

- Owing to the fact that, having agreement particularly in cellular mobile bands is very important issue for most of the SATRC countries, in the next document we will consider this issue.
- Since several countries have some problems in broadcasting bands we will present a lecture on GE06 plan and we will also investigate sharing problem between mobile and broadcasting services. Finally we will utilize this issue in our final document.



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