



**BR activities on the transition
in Region 1
- Coordination meetings-**

Ilham Ghazi

إلهام غازي

Head, Broadcasting services division
Radiocommunication Bureau

Ilham.ghazi@itu.int

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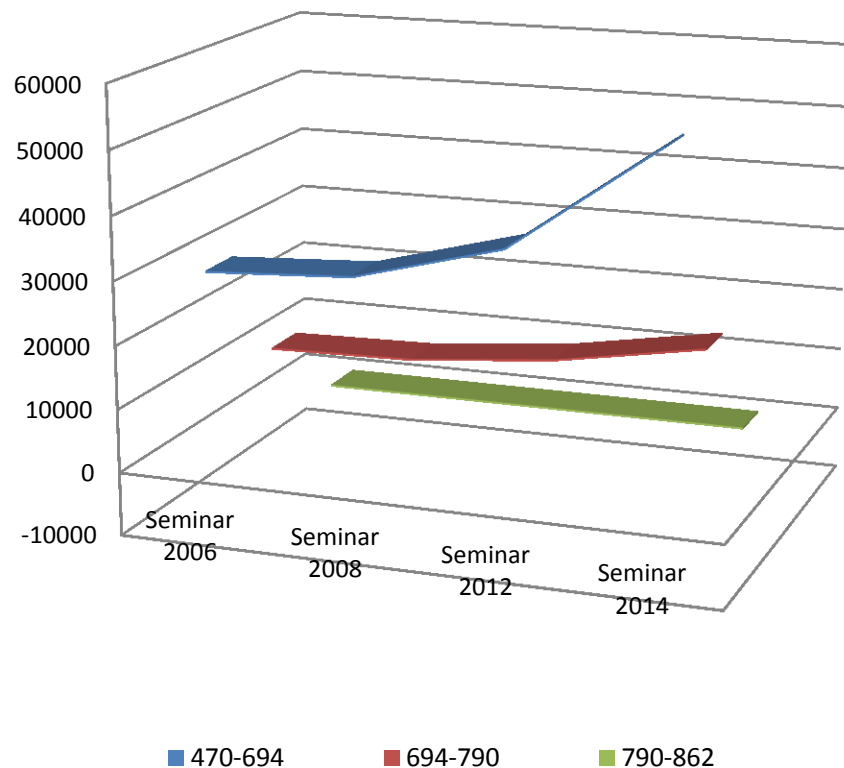
Main objectives

- Re-evaluate, as a matter of priority, the GE-06 taking into account:
 - Short and medium term Spectrum needs of broadcasting and mobile and ensure equitable and efficient access to the spectrum
 - Establishment of proper timelines and activities for the review and modification of GE06 plan

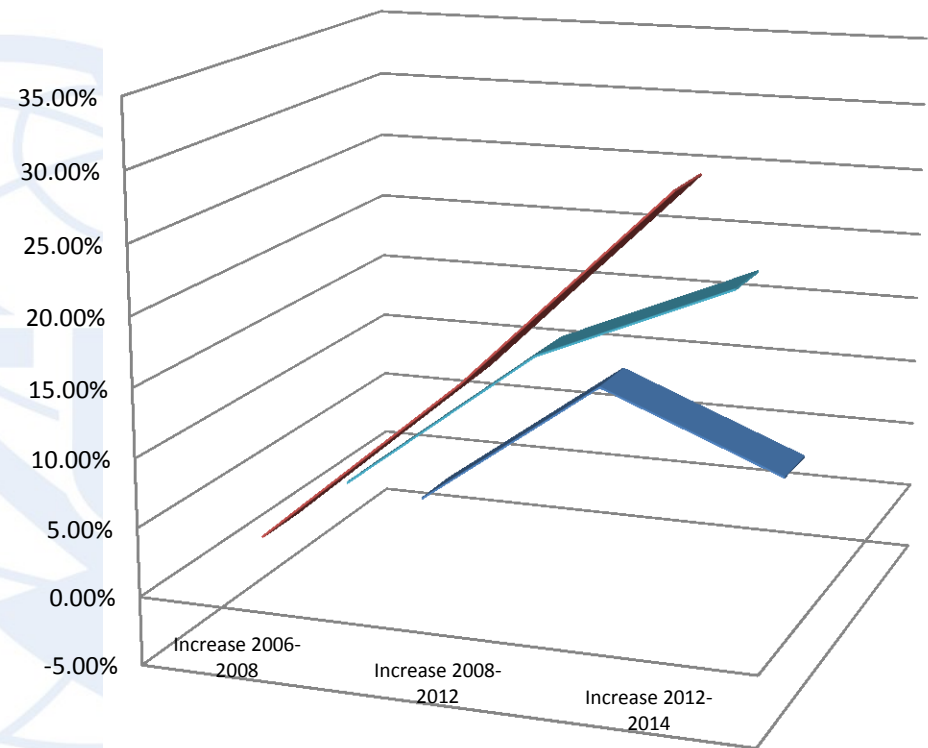
GE06D Plan modification in the UHF Band

Number of modification and (% of increase)

Evolution in the GE06D Plan (number of modification)

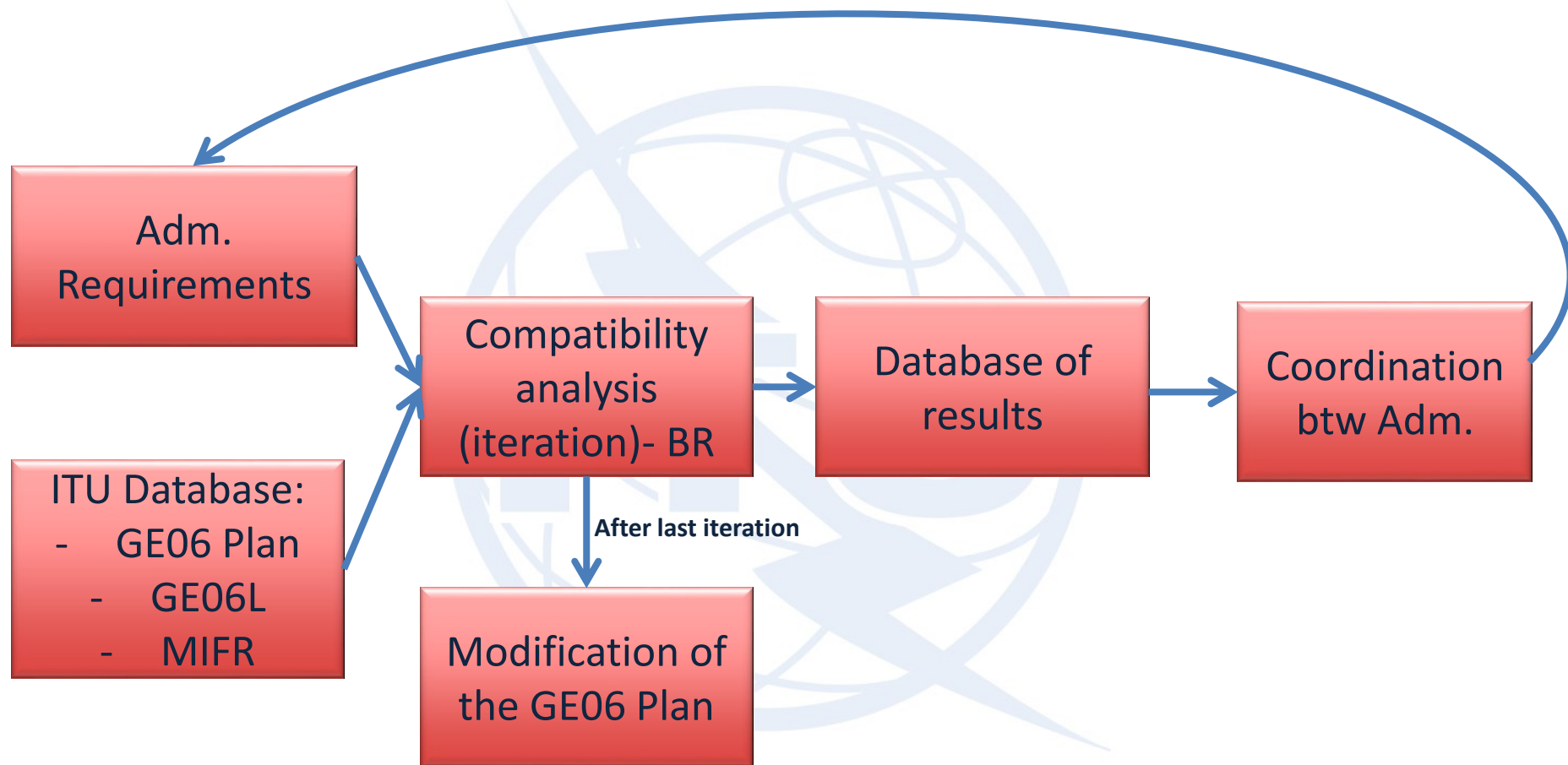


GE06D Plan modification activity (% of increase)



	Increase 2006-2008	Increase 2008-2012	Increase 2012-2014
■ 470-694	3.85%	16.14%	30.32%
■ 694-790	3.51%	14.52%	20.62%
■ 790-862	-2.03%	8.48%	2.78%

BR Process of coordination -Available channels-



GE06

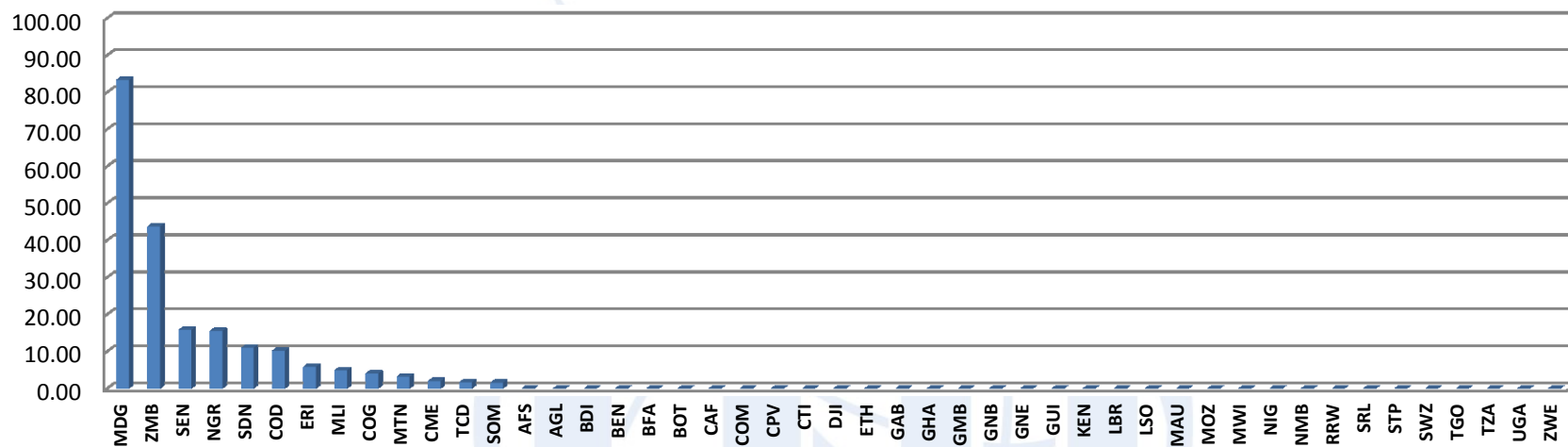
ATU

General ATU Recommendations

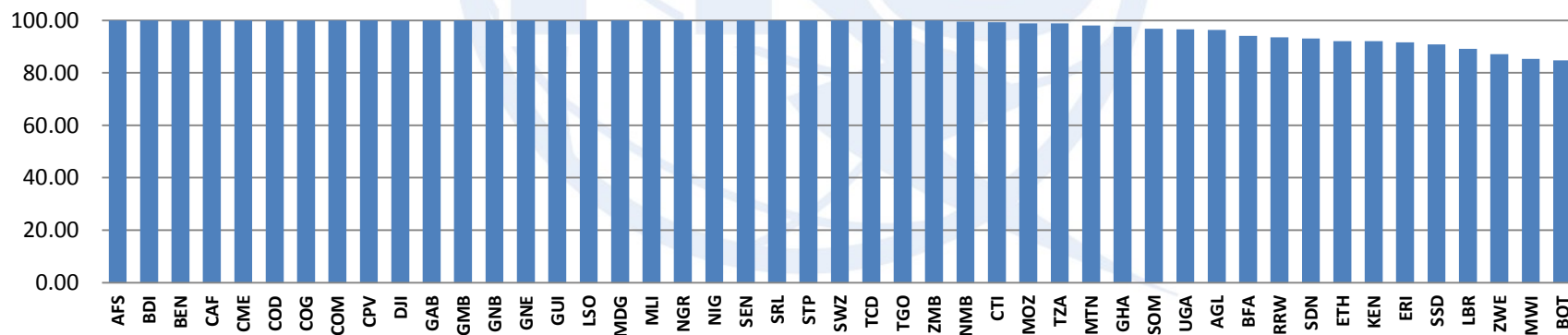
- Maximum acceptable margin is 4dB
- the ATU summit:
 - to consider the adoption of the **MPEG4 and DVB-T2** standards at regional African level.
 - to consider the adoption of the dual **HDTV/SD** format at African regional level for the set-top boxes
- those administrations currently having more than this resource be encouraged to make the **utmost effort** to release part of it to enable neighbouring countries to reach up to that level of resource.

1st and last iterations for SSA

Iteration 1, percentage of assigned channels

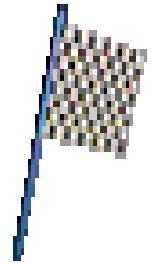


Iteration 33- Nairobi-2



■ Percentage Assignable/submitted

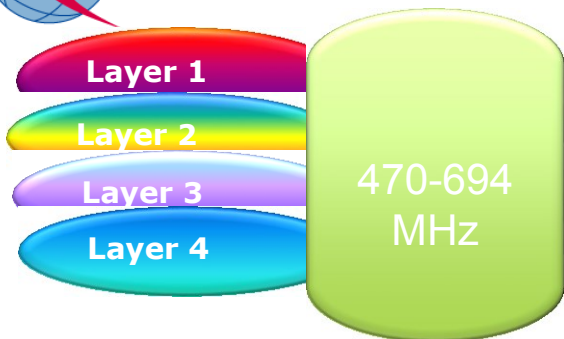
Results of the GE06 coordination meeting for Sub Saharan Africa



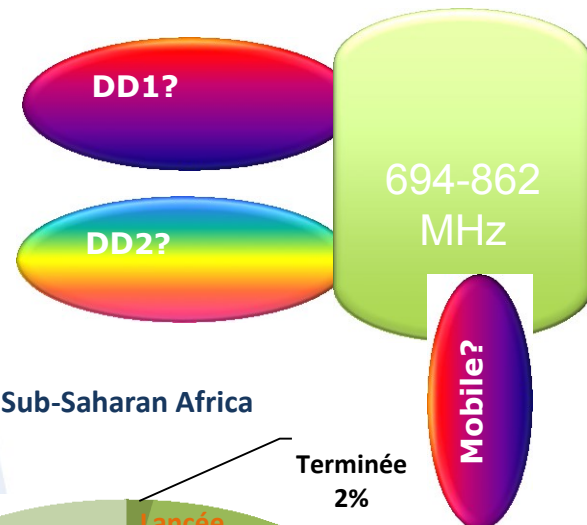
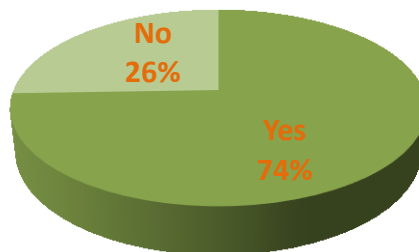
- Average of satisfied requirements: **97.37%**:
- Duration: 18 months.
- 47 countries participated (except Mauritius).
- 2 African summits: Nairobi 2011 and Accra 2012 to launch the process.
- 3 planning and coordination meetings: Bamako, Kampala and Nairobi.
- BR participation in the sub regional meetings: EACO, ECOWAS, SADC, ...
- **33** iterations for the compatibility analysis, based on the requirements submitted by administrations. The BR generated the requirements for the absent countries following the ATU request.
- 7107 submitted frequency requirements in 470-694 MHz (11406 at the RRC-06 for the entire band 470-862 MHz).



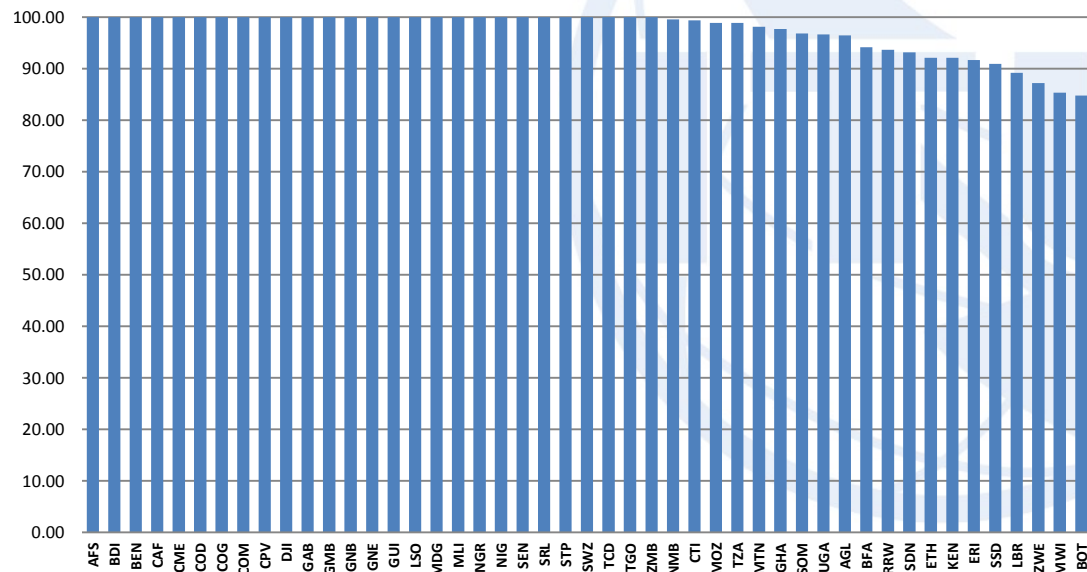
DDs: Coordination meetings for Sub-saharan Africa



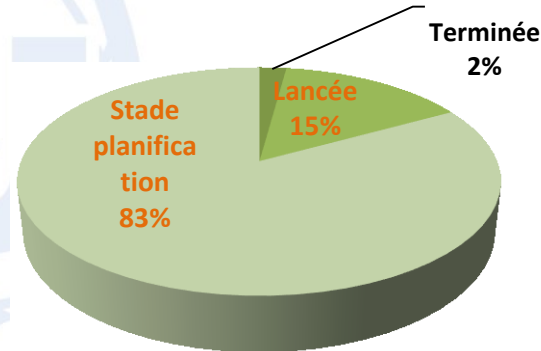
Countries having modified the GE06 Plan



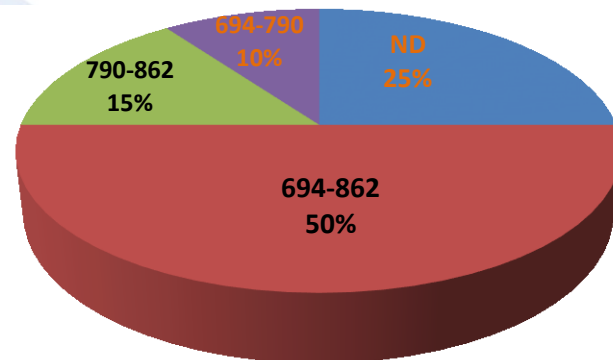
Percentage of assignable channels



ASO in Sub-Saharan Africa



Identified DD (21 Countries)

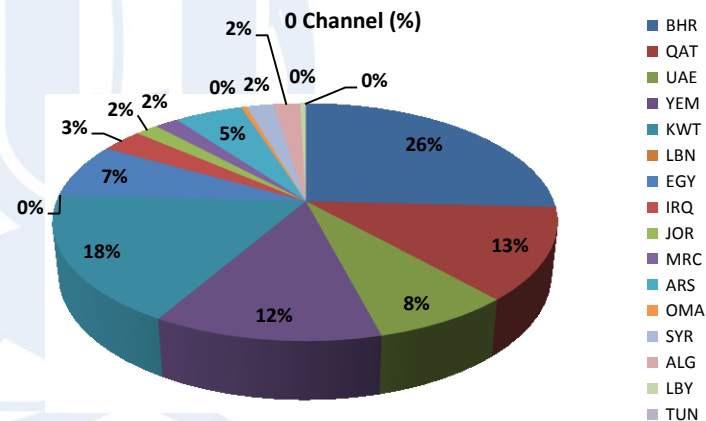
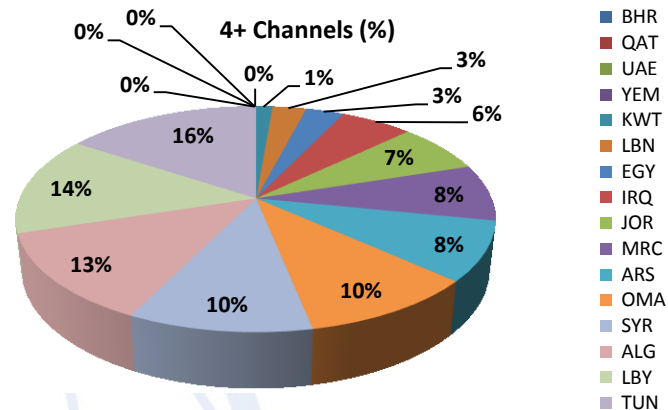
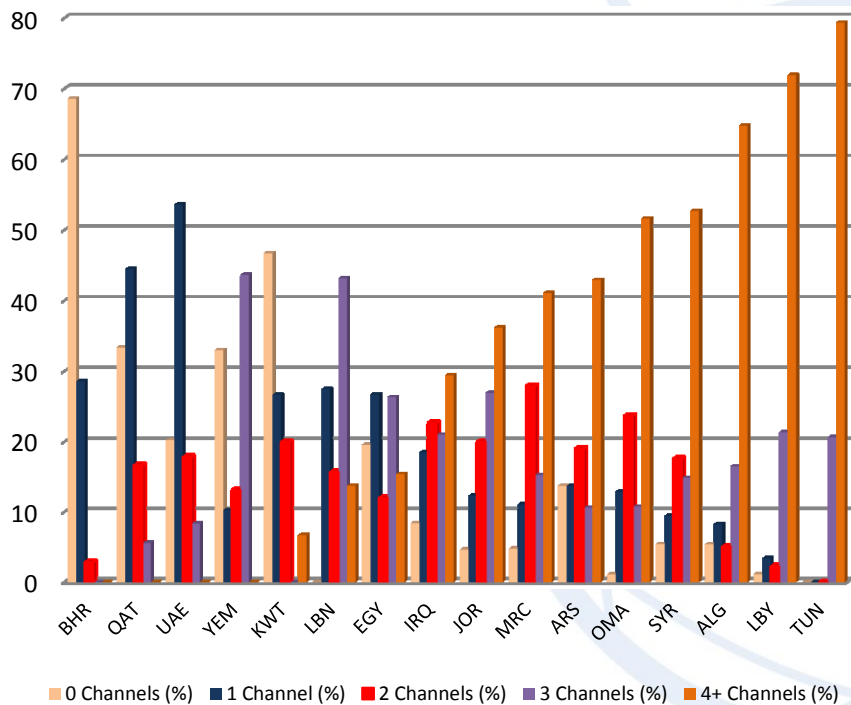


GE06

ASMG

GE06 Plan for the Arab countries

Number of layers in GE06 Plan- May 2014

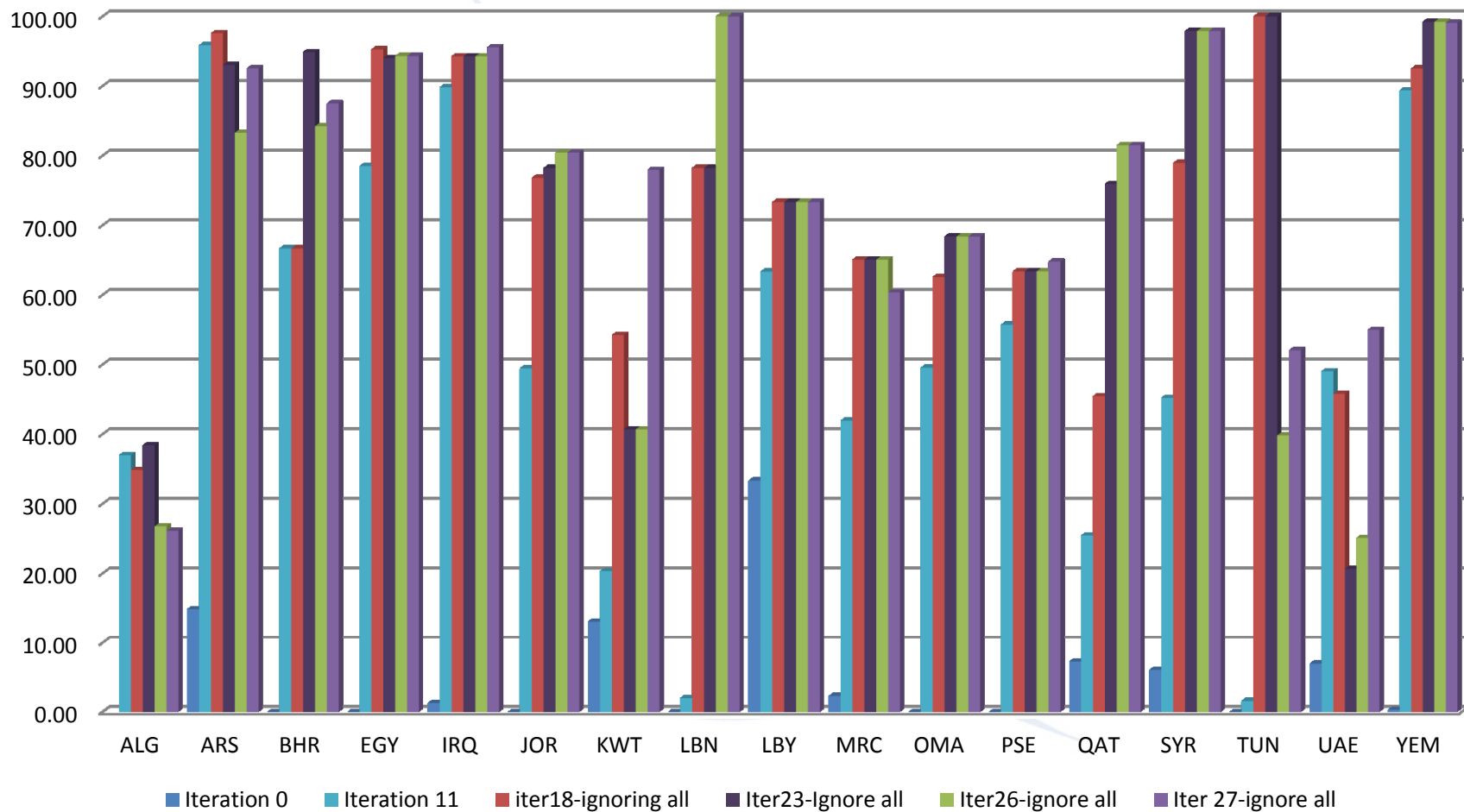




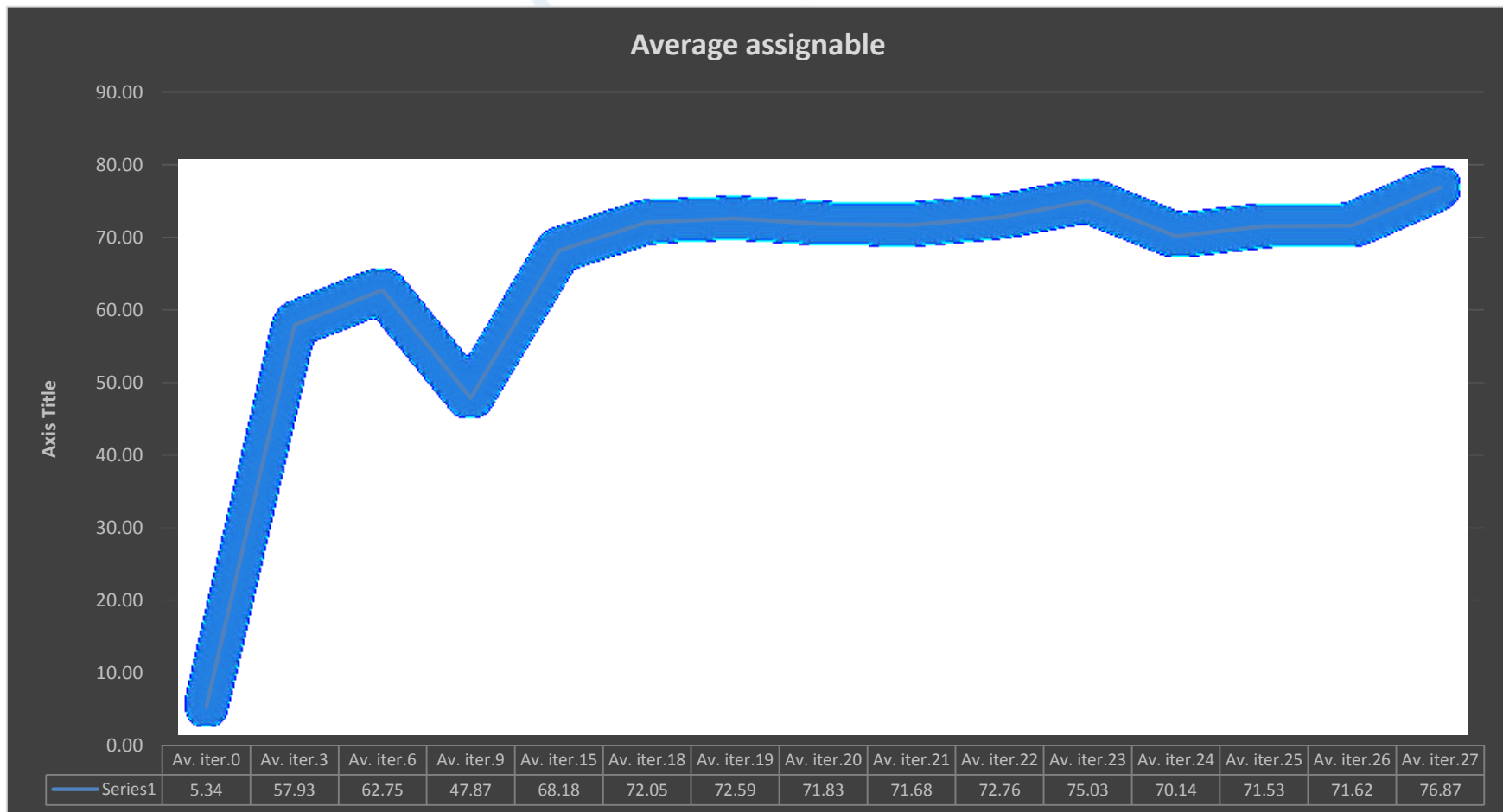
Recommendations and decisions of Dubai (May 2014) meeting

- Invite the Arab countries that did not start the introduction of DTT to use modern techniques for such service: DVB-T2/MPEG-4 or later.
- Maximum acceptable margin is :
 - **4dB**, this margin will be used in the coordination between the Arab countries, giving the freedom of States to use more or less stringent margins during bilateral coordination meetings .
 - **3 dB**: Tunisia, Saudi Arabia and Oman specified that for coordination with them, the maximum acceptable margin would be of 3dB concerning the channels recorded in the GE06 Plan and 4dB if against the requirements.
- 4 layers per Administration for this coordination period, knowing that this number can be increased in the future, individually, and according to the needs of the Arab states, according to GE06 Article 4 Procedures.
- An iteration each other Monday until the 3d meeting

Evolution of assignable channels



ASMG Average of assignable channels



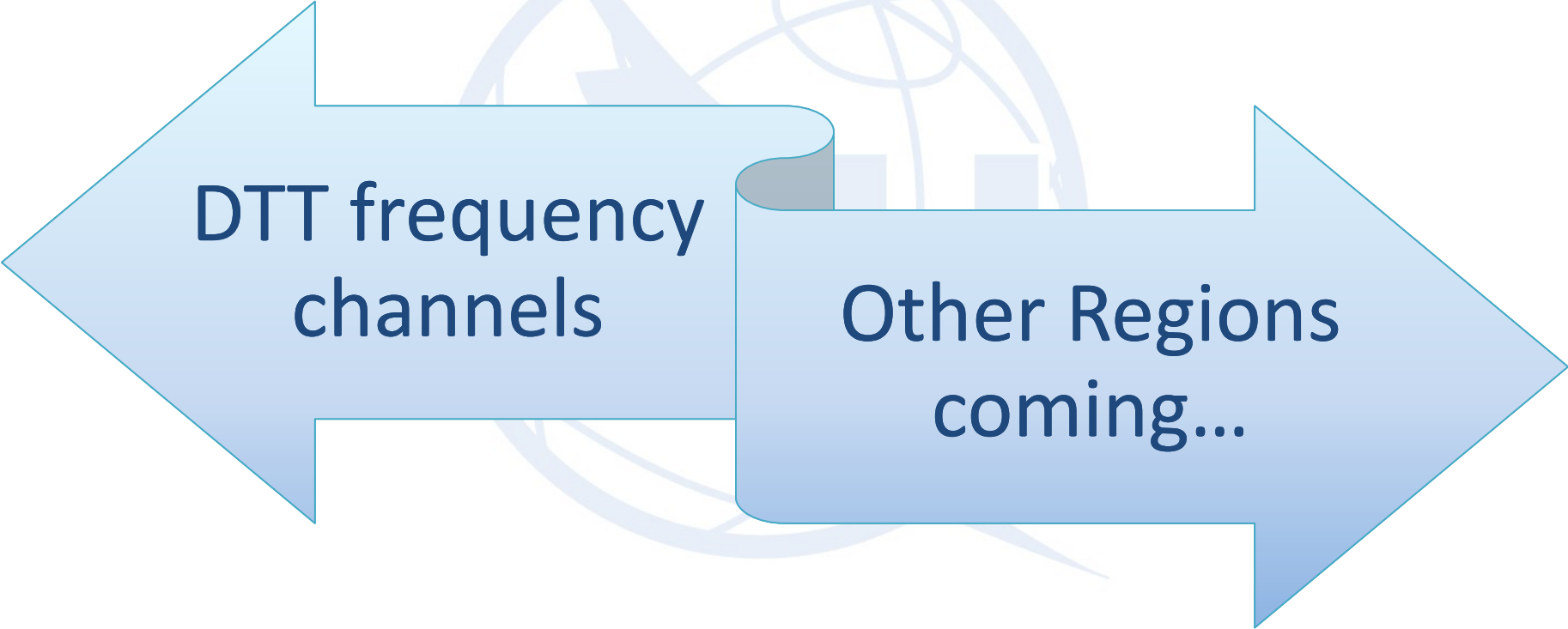
Results of the GE06 coordination meeting for ASMG



- Average of satisfied requirements: **76.87%**:
- Duration: 11 months.
- 17 countries participated.
- 3 planning and coordination meetings: Dubai, Hammamet and Marrakech.
- **27** iterations for the compatibility analysis, based on the requirements submitted by administrations. The BR generated the requirements for the absent countries following the ASMG request.
- **4346** submitted frequency requirements in 470-694 MHz (**9151** at the RRC-06 for the entire band 470-862 MHz).

Conclusion on BR actions

- Generated the initial requirements with flexible channels (to reach at least 4 layers);
- Provided the necessary software and tools;
- Workshops and training on the GE06 tools and frequency planning;
- Assistance in sub regional coordination meetings;
- An Iteration each 2 weeks (from the beginning of the process until its end);
- Generates the requirements for the 'absent' administrations (4 layers);
- Assistance all along the process.

A diagram consisting of two large, light blue arrows. The left arrow points to the left and contains the text 'DTT frequency channels'. The right arrow points to the right and contains the text 'Other Regions coming...'. The two arrows overlap in the center, with the right arrow appearing to be on top. In the background, there is a faint, light blue globe with a red lightning bolt, similar to the ITU logo.

**DTT frequency
channels**

**Other Regions
coming...**

Thank you for your attention

