



**Caribbean  
Telecommunications  
Union**



# Presented

# by

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# CTU Spectrum Management Priorities & Preparatory Approach to WRC-19

CANTO 34<sup>th</sup> Annual Conference  
23<sup>rd</sup> July 2018  
Hard Rock Hotel  
Panama City

# History of the CTU in Spectrum Mgt.

- **2005 - 2009: Phase 1**

Undertook the Caribbean Spectrum Management Policy Reform Project

1. Conducted Spectrum Audits in the following countries:
  - Guyana, Trinidad and Tobago, St Vincent and the Grenadines, Grenada, Antigua and Barbuda, Saint Lucia, The Turks and Caicos Islands
2. Harmonised Caribbean Spectrum Management Policy Framework
3. Established Caribbean Spectrum Management Steering Committee and Task Force

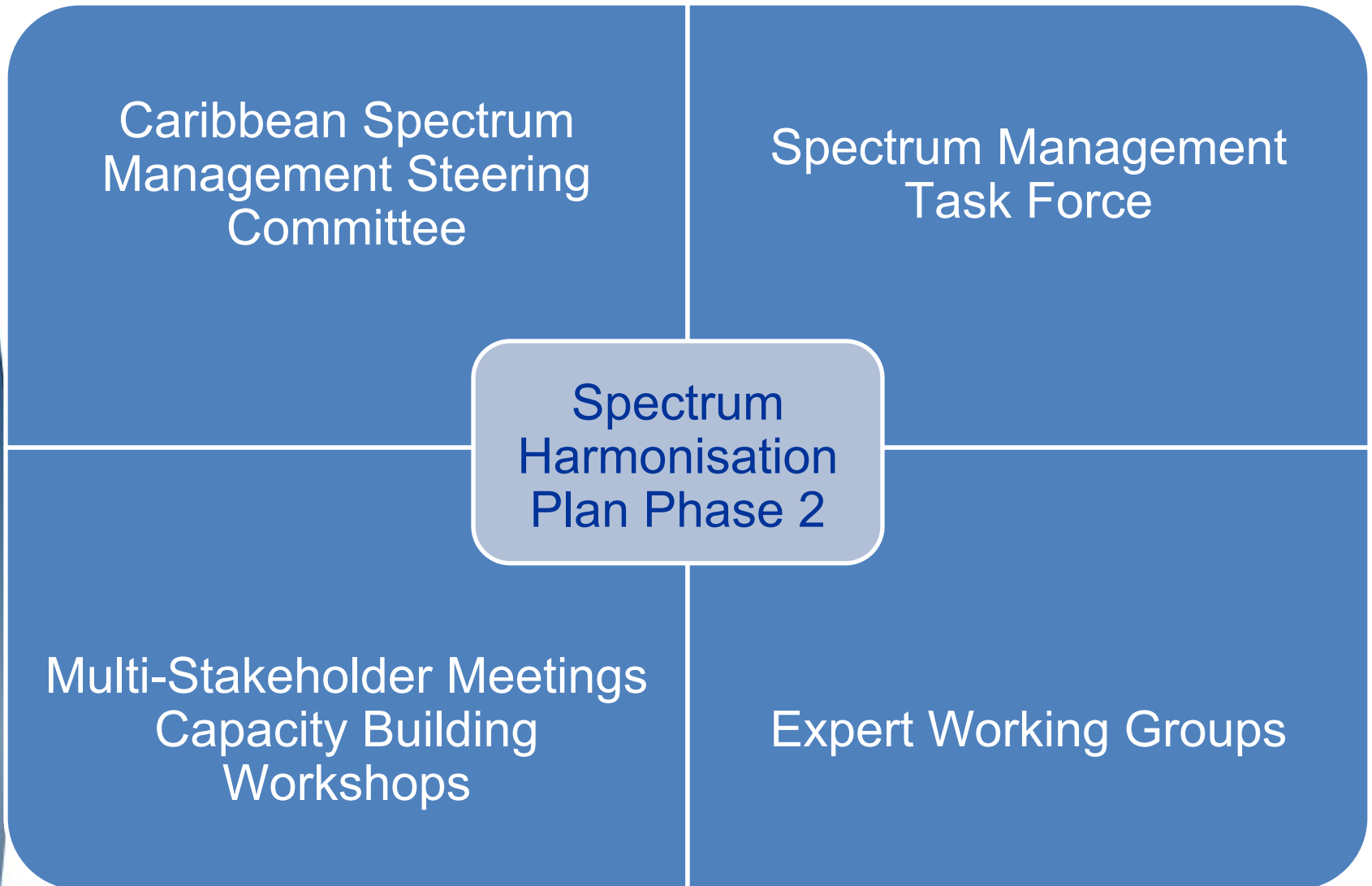
# History of the CTU in Spectrum Mgt.

- **2013 - 2016: Phase 2**

Undertook Harmonised Caribbean Spectrum Planning and Management Project

1. Resolution of Cross Border Inference issues
2. Caribbean Spectrum Management Strategic Plan
3. Caribbean Spectrum Management Work Plan

# Spectrum Harmonisation Phase 2



# Strategic Plan Foundation Policy Considerations

Spectrum Pricing

Frequency Allocation Tables

Cross Border Interference

Digital Switch Over and TVWS

# Spectrum Management Strategic Plan

Jan 2016

- Finalised by SMTF and CTU

Feb 2016

- Approved by the SM Steering Committee

March 2016

- Adopted by CTU Executive Council

Sept.  
2016

- Approved by General Conference of Ministers

# Preparatory Process for WRC 19

SMTF Meeting Jan31-Feb 2  
018

Reviewed WRC 19 Agenda  
Items

Agreed priority items for the  
Caribbean

Planned activities to build  
consensus positions on issues

Reviewed status of issues  
in CITELE and ITU

# Strategic Plan Vision & Mission

## ***Vision:***

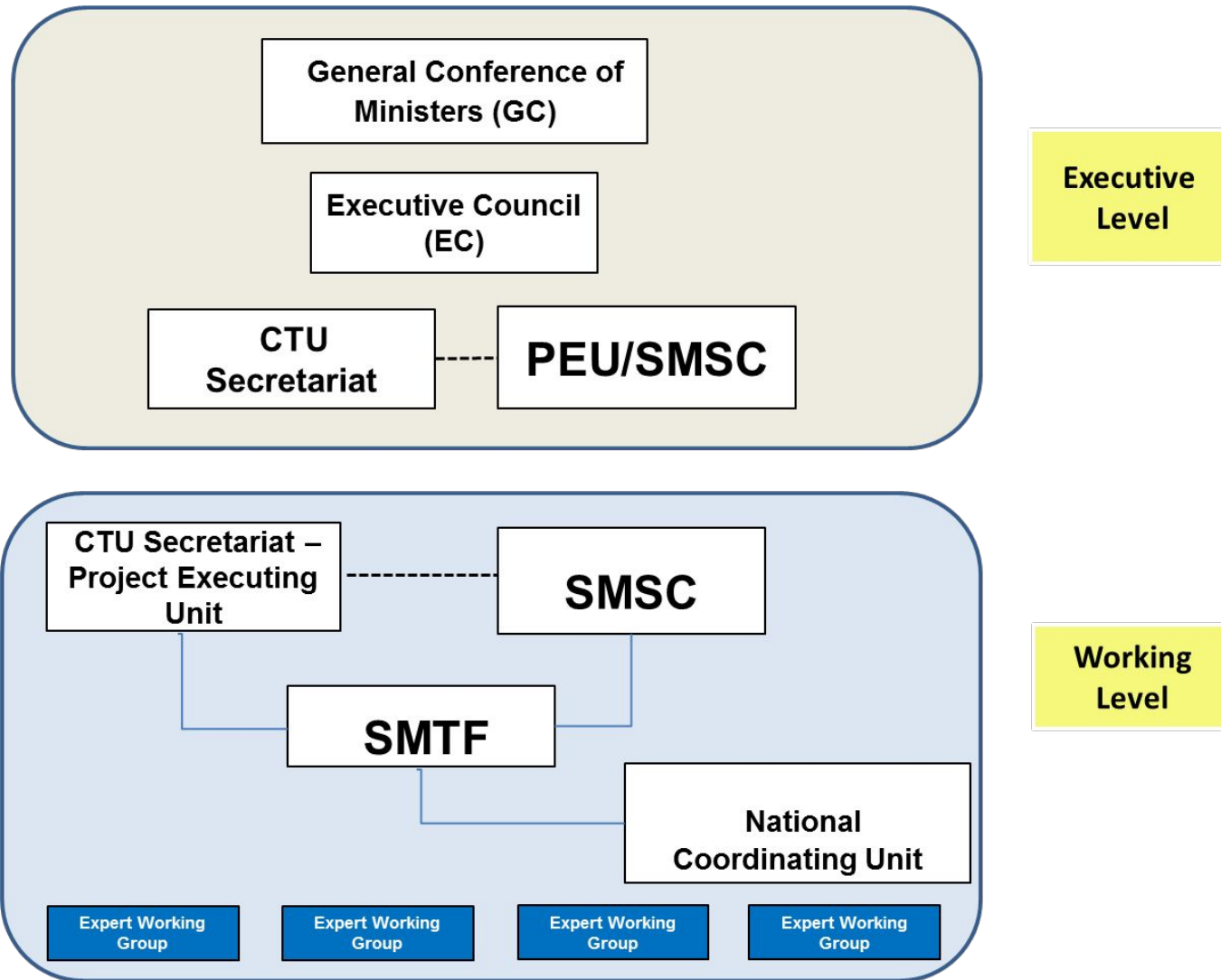
***A globally influential, Caribbean spectrum management regime.***

## ***Mission:***

***To build a regionally cohesive, technically efficient and sustainable spectrum management regime that proactively meets the region's requirements for broadband and socio-economic development and supports the establishment of a Single ICT Space in the Caribbean.***



# Governance Framework



To be achieved within existing institutional frameworks of the CTU and the spectrum harmonization project structure.

# WRC-19 Caribbean Priority Items (1/2)

- Items related to IMT-2020 and 5G
  - 1.13 IMT
  - 1.14 HAPS
  - 9.1.9 50 GHz feeder links for GSO FSS (E-s)
  - 9.1.1, 9.1.2 (IMT compatibility issues)
- Items related to broadband wireless
  - 1.16 RLANs (e.g. Wi-Fi)
  - 1.12 Intelligent transport systems
  - 9.1.5 Res 764 (Impacts 5GHz band re Wi-Fi)

# WRC-19 Caribbean Priority Items (2/2)

- Items related to disaster management
  - 1.2, 1.3 re MetSats
  - 1.7 Short term Sats (experimental, university)
- Items related to public safety
  - 1.8 re GMDSS (Global Maritime Distress & Safety)
  - 1.9.1 re GMDSS
  - 1.9.2 (possible impact on GMDSS)
  - 1.10 re introduction of GADSS
- Item 10: Future agenda items
- Other: 1.11 (Railways), 8 (Country footnotes)



**CTU**

**Thank you!**