

# WRC15 – IMT AI 1.1

CTU, Tobago

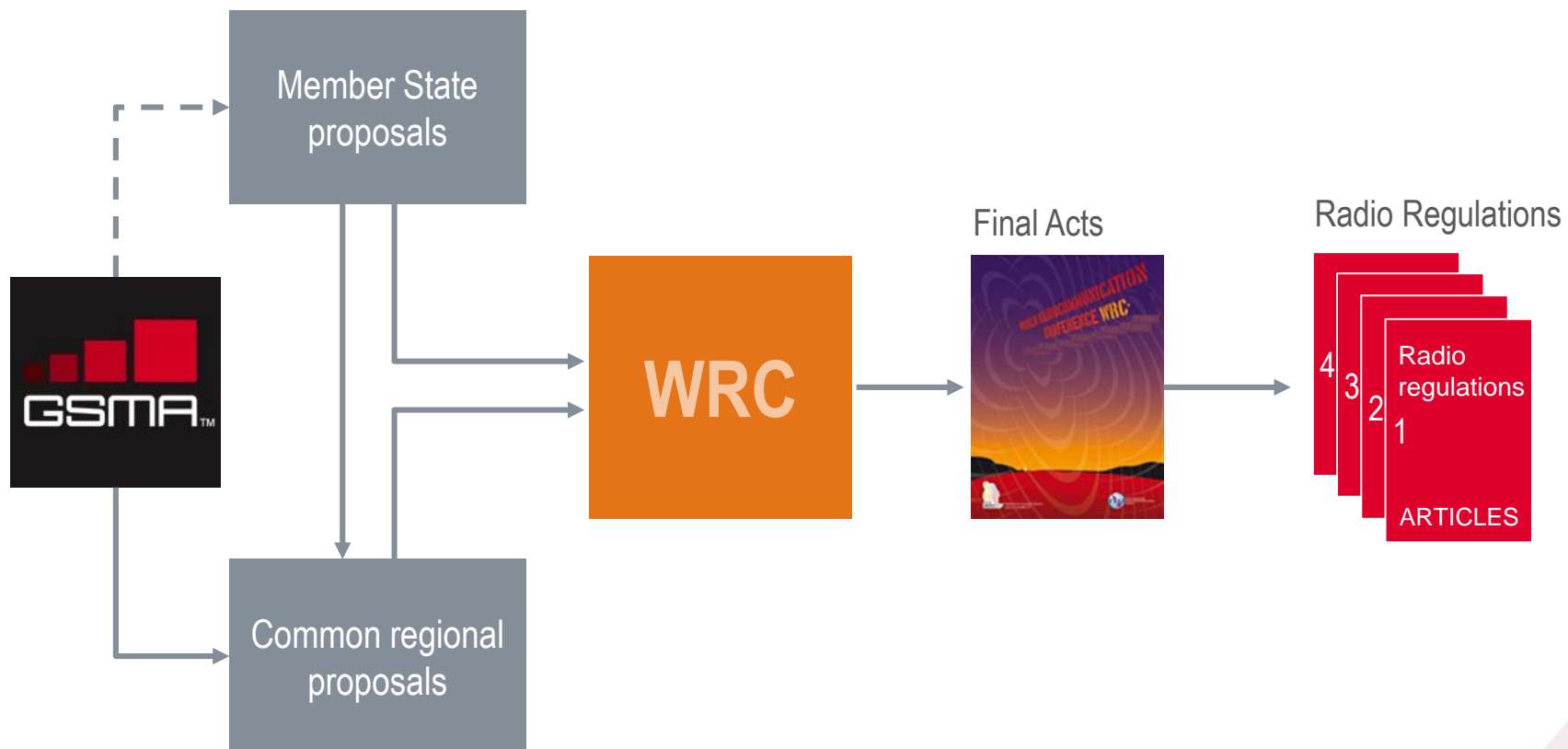
*Luciana Camargos, GSMA – [lcamargos@gsma.com](mailto:lcamargos@gsma.com)*

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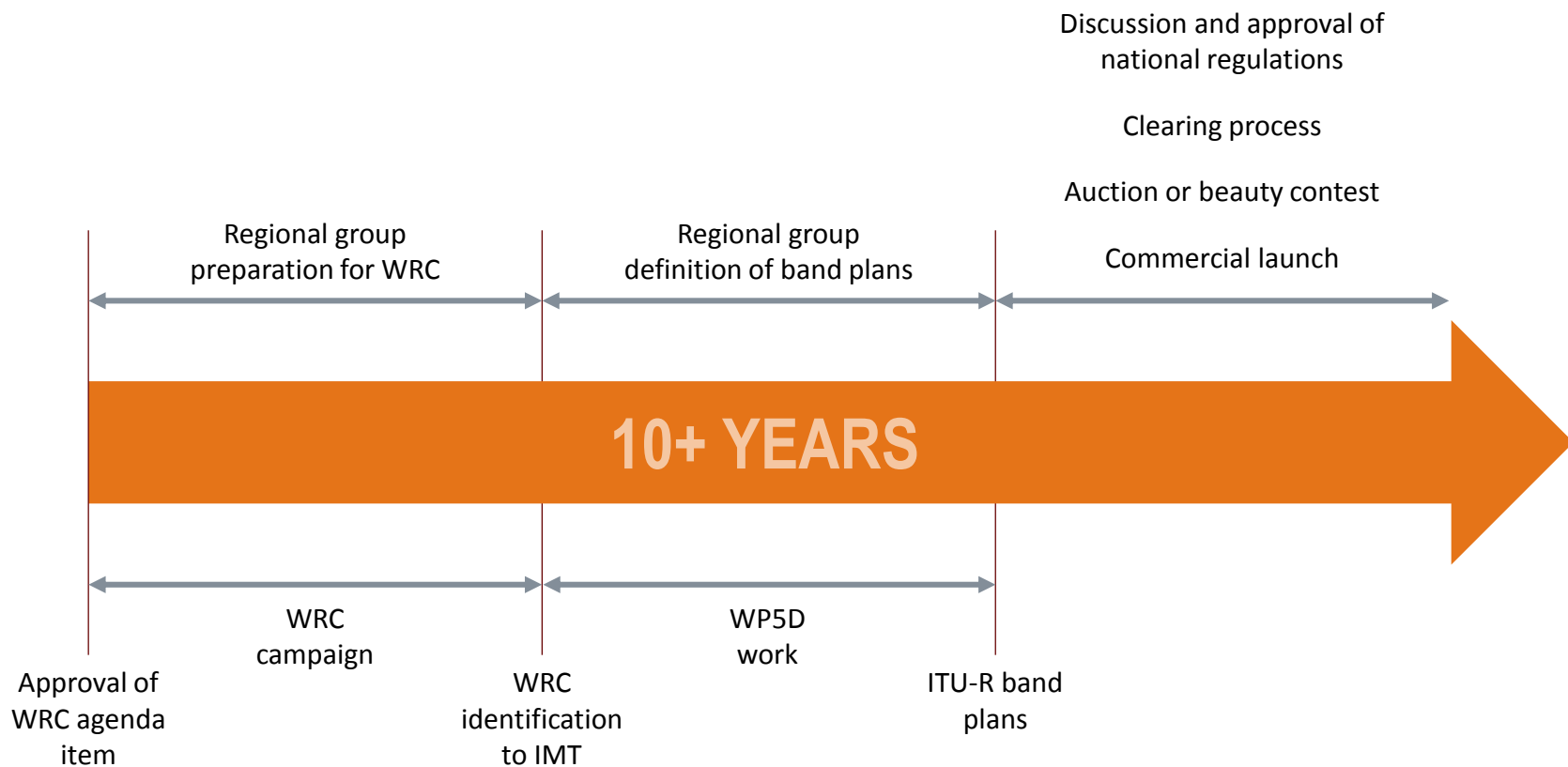


**1.1 - to consider additional spectrum **allocations to the mobile service** on a primary basis and **identification** of additional frequency bands **for International Mobile Telecommunications (IMT)** and related regulatory provisions, to facilitate the development of terrestrial mobile broadband applications, in accordance with Resolution 233 (WRC-12);**

# INTERNATIONAL SPECTRUM ALLOCATION



# WRC SPECTRUM ALLOCATION PROCESS





# LATAM SPECTRUM DEMANDS



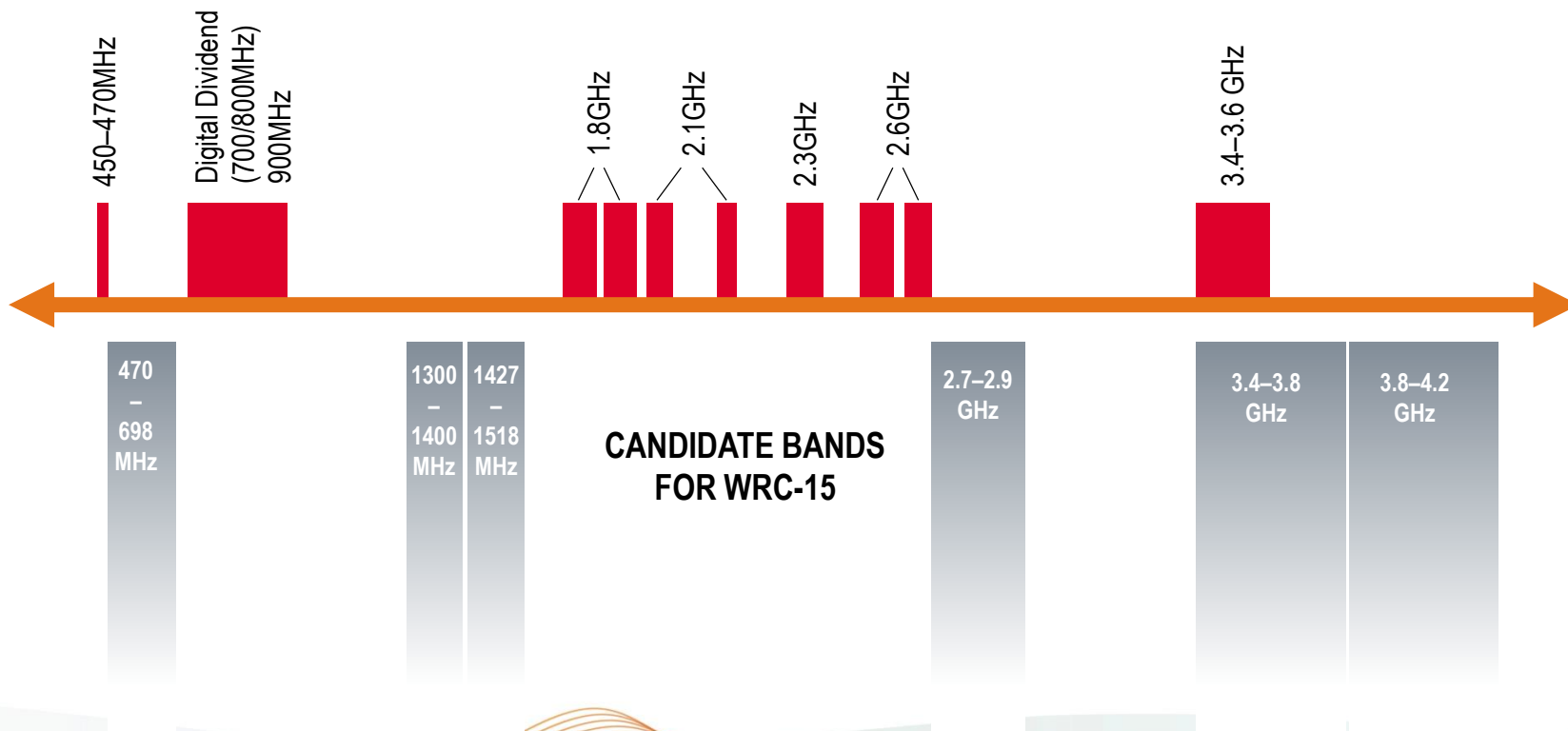
## ITU FORECAST: 1340-1960 MHz

COUNTRY	LOW SCENARIO	HIGH SCENARIO
Argentina	1,093 MHz	1,628 MHz
Brazil	1,129 MHz	1,676 MHz
Chile	893 MHz	1,327 MHz
Colombia	1,057 MHz	1,578 MHz
Mexico	977 MHz	1,454 MHz

# NEW BANDS FOR MOBILE



## RADIO SPECTRUM: IDENTIFIED MOBILE BANDS



# CANDIDATE BANDS IN CITEL



BAND	IMT	NOC
<b>470-698 MHz</b>	US/Canada 9.21 Colombia & Mexico possible	Brazil, Argentina, D. Republic, Ecuador, El Salvador, Guatemala, Nicaragua, Panama & Paraguay
<b>1350-1400 MHz 1427-1517 MHz</b>	Brazil (Possible: Argentina, Canada, Ecuador, Guatemala, Mexico)	US
<b>2.7-2.9 GHz</b>	Brazil considering	-
<b>3.4-4.2 GHz</b>	Brazil/Ecuador: 3.4-3.6 GHz US/Canada: [3.4-3.7 GHz]	Nicaragua, Bolivia, El Salvador & Mexico: 3.4-4.2 GHz Brazil/Ecuador: 3.6-4.2 GHz

# What bands to chose?



- None of them are “easy” from a regulatory view;
- Depends on a country’s view on if it needs more IMT spectrum and when;
- Some may not oppose but not support
- Some may pick least worst options

**The ITU has concluded there is a demand of 1.3-2 GHz for IMT:**

**where are we going to  
accommodate it?**



# THANK YOU

*Luciana Camargos, GSMA*

*lcamargos@gsma.com*

