


**Strong as ever,
Building our future**



**WRC-23 preparation
Broadcasters views on
Agenda Item 1.5**

**7th MENA Spectrum Management
Conference 2023 session 1**



Agenda Item 1.5: the band 470-694 MHz is vital for Broadcasting communities in Europe, Africa and MENA

Broadcasting communities in Region 1 are fully engaged on this agenda item

- Arab States Broadcasting Union
- African Union of Broadcasters
- European Broadcasting Union
- Broadcast Networks Europe

The current allocation delivers major societal benefits

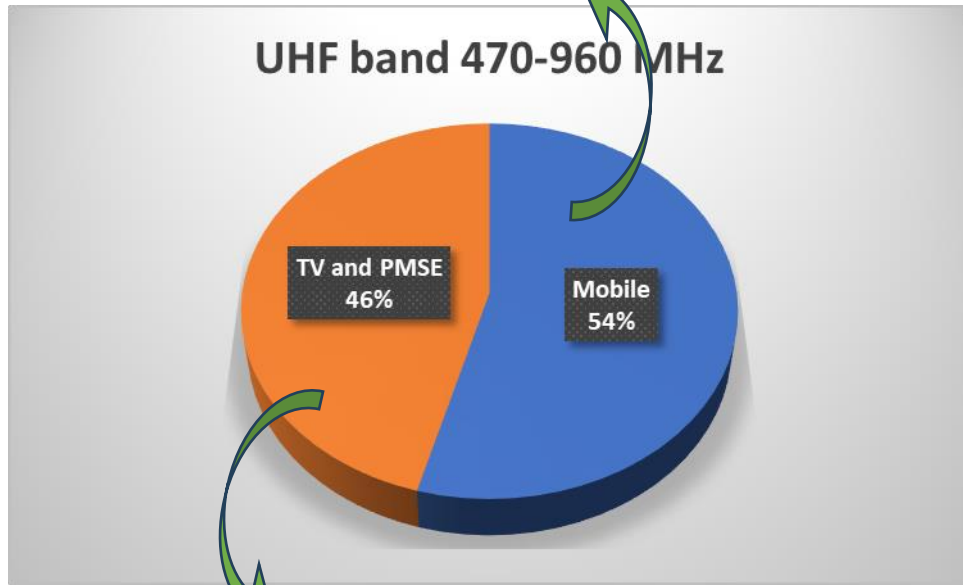
- Affordable and equitable access to TV for all citizens
- Business and employment in the media and content industry
- Social
- Cultural
- Sovereignty and crisis management

Stability in the regulatory allocation means dynamism and progress for MENA and Region 1

- 13 MENA countries have invested in DTT
- 7 MENA countries still need to complete the ASO
- 94 countries in Region 1 see a need for at least 224 MHz of spectrum for terrestrial broadcasting in the UHF band

Ample spectrum for all uses, without changing the allocation of the band.

900 MHz, 800 MHz and 700 MHz bands



470-694 MHz band

(1) Majority of UHF band is Usable for 4G and 5G

NO shortage of spectrum for mobile, but lack of INFRASTRUCTURE
-> In Arab States Only 55% of rural pop, and 25% of Rural Africa pop have 4G coverage (ITU-D, 2022)

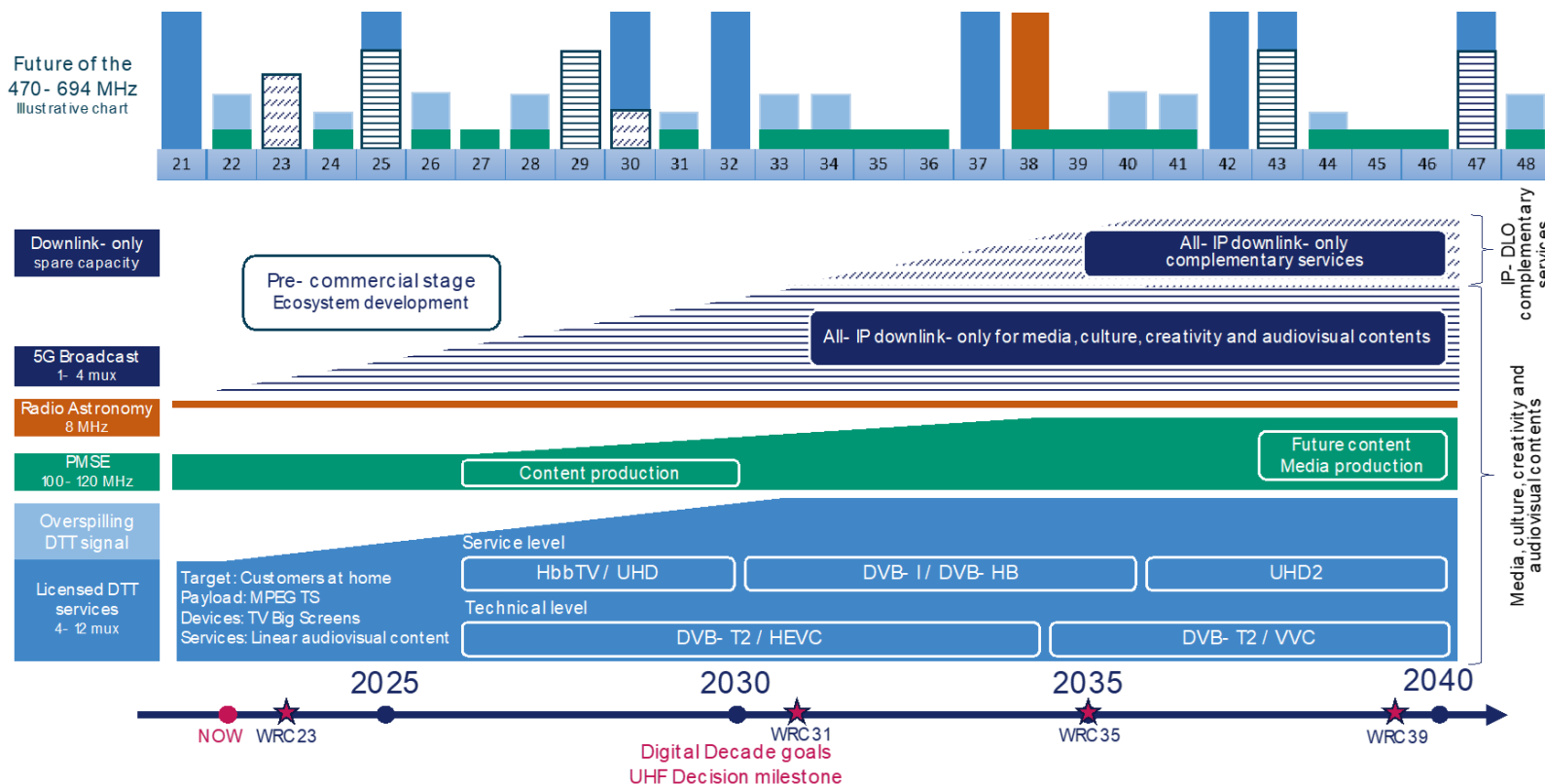


(2) Interference: mobile and broadcasting cannot coexist with the same priority in the same band, in a stable manner.

(3) Sub 700 MHz band is efficiently shared with PMSE, Radio Astronomy and TV White Space systems

For terrestrial broadcasting, no alternative band for current operations and future evolutions.

Terrestrial broadcasting innovation roadmap



- **Address new usages efficiently**
 - 5G Broadcast (mobility)
 - HD and UHD to all (higher quality)
 - Seamless Linear and non linear experience (hybrid TV)
- **To support massive, worldwide usage of several hours of TV/day/pop**
- **In a sustainable way:** Terrestrial Broadcasting is the environmentally friendly way to distribute Television.

Conclusion – The Future of the 470-694 MHz band

BNE anticipates that maximising the public value of the UHF band in MENA and Region 1 means ensuring the continued delivery of broadcasting services in the 470-694 MHz band, which also allows PMSE.

Existing Radio Regulations and GE 06 Treaty incorporate flexibility for specific national needs.

We support a position of 'No Change' to the Radio Regulations under WRC-23 agenda item 1.5.



BNE represents 19 Terrestrial Network Operators active in 20 Countries

 UK	 Spain	 Czech Republic	 Greece			
 Finland	 Poland	 Serbia	 Italy			
 Italy	 Germany	 Croatia	 Austria			
 Switzerland	 Ireland	 Romania	 Norway, Belgium		 France, Estonia	 Sweden