



# **“700 MHZ BAND DE-ALLOCATE IN ALBANIA”**

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# MAIN GOAL

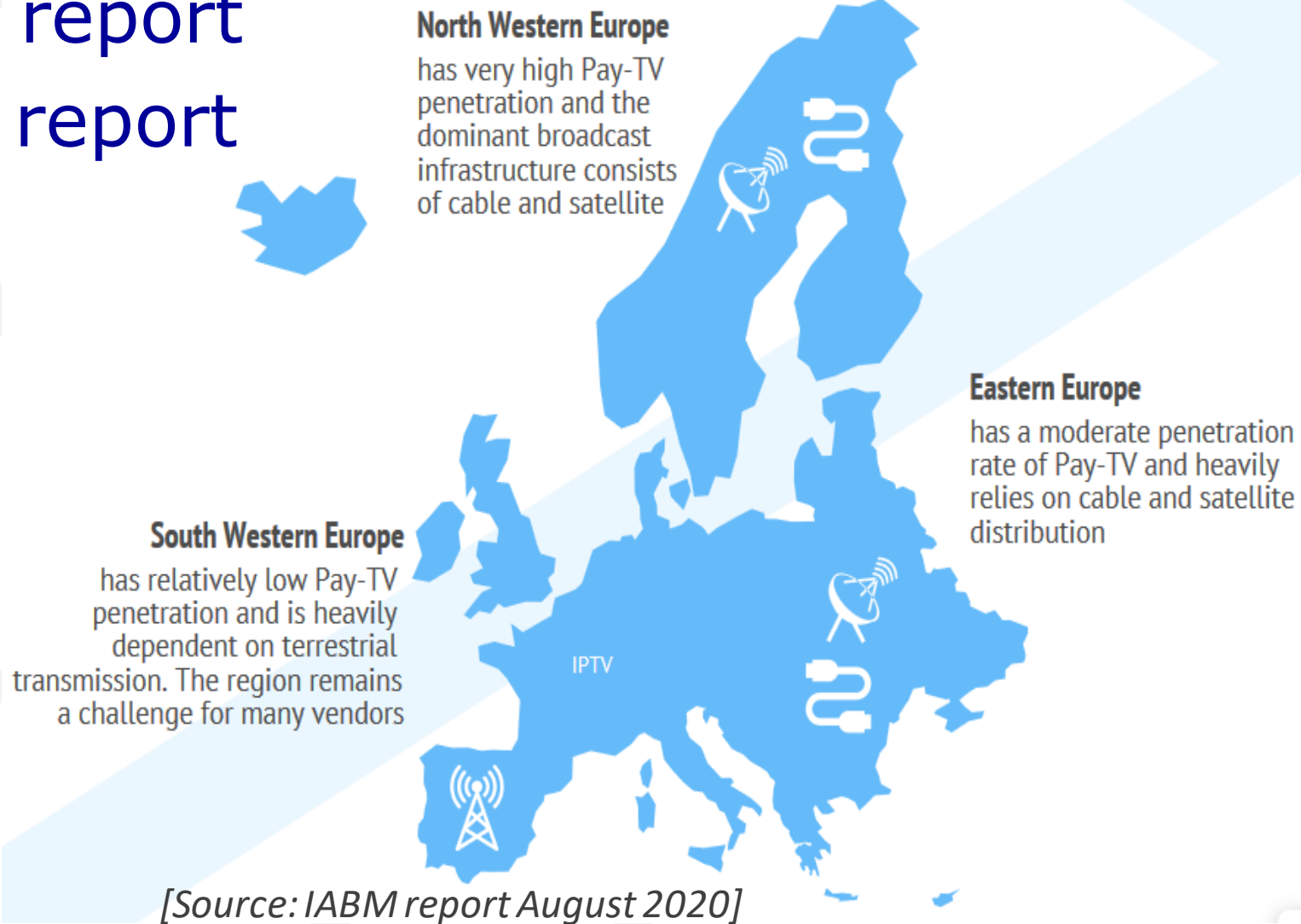
The 700 MHz band currently used by terrestrial TV broadcasting should be released by 30<sup>th</sup> July 2020. The quantity (number of the TV channel) and quality (SD or HD) of audio-visual content will not change in the next period, so the capacity currently used must be taken into account.

# **Institutional Framework in terms of terrestrial TV broadcasting )**

- **Ministry of Infrastructure and Energy (MIE)**
- **Audio visual Media Authority (AMA)**
- **Authority for Electronic and Postal Communication (AKEP)**

# INTERNATIONAL OUTLOOK

- Lamy report
- IABM report



# NATIONAL OUTLOOK

- 90% of Albania's population is covered,
- 80% of households access media content by the DTTV,
- 7 multiplexes at national level.
- 10 HD + 13 SD FTAs and 25 HD + 54 SD Pay TVs are available at national level.

# MODEL AND LICENSING

- Strong multiplex model
- Weak multiplex model
  - Must carry rules
  
- Levels:
  - National
  - Regional
  - Local

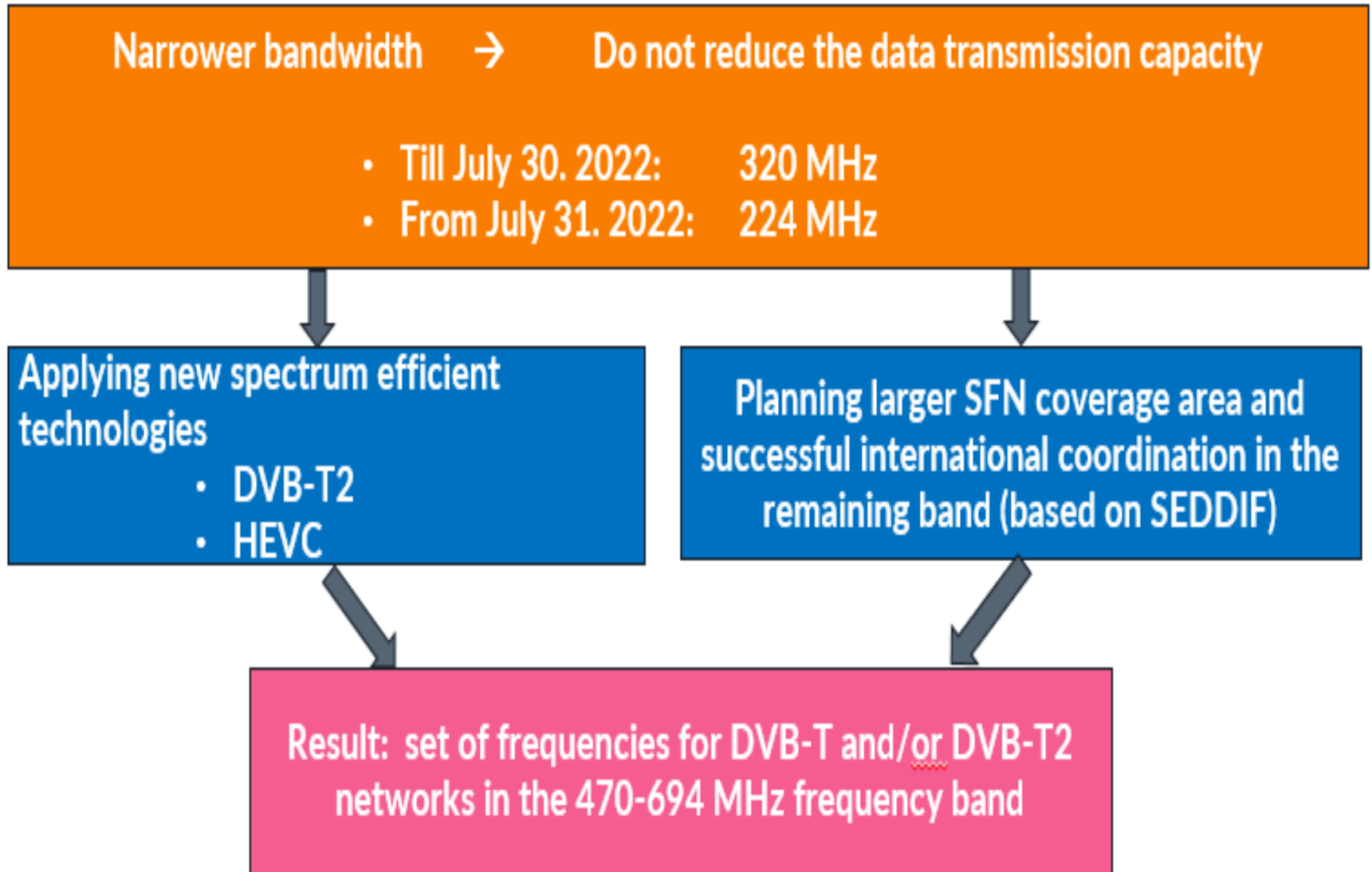
# BANDS (VHF, UHF)

- GE06 plan (UHF, VHF)
- DD1 (800 MHz)
- DD2 (700 MHz)
- SEDDIF, Adriatic group and other coordination agreements

790-791	791-796	796-801	801-806	806-811	811-816	816-821	821-832	832-837	837-842	842-847	847-852	852-857	857-862
Guard band	Downlink						Duplex gap	Uplink					
1 MHz	30 MHz (6 blocks of 5 MHz)						11 MHz	30 MHz (6 blocks of 5 MHz)					

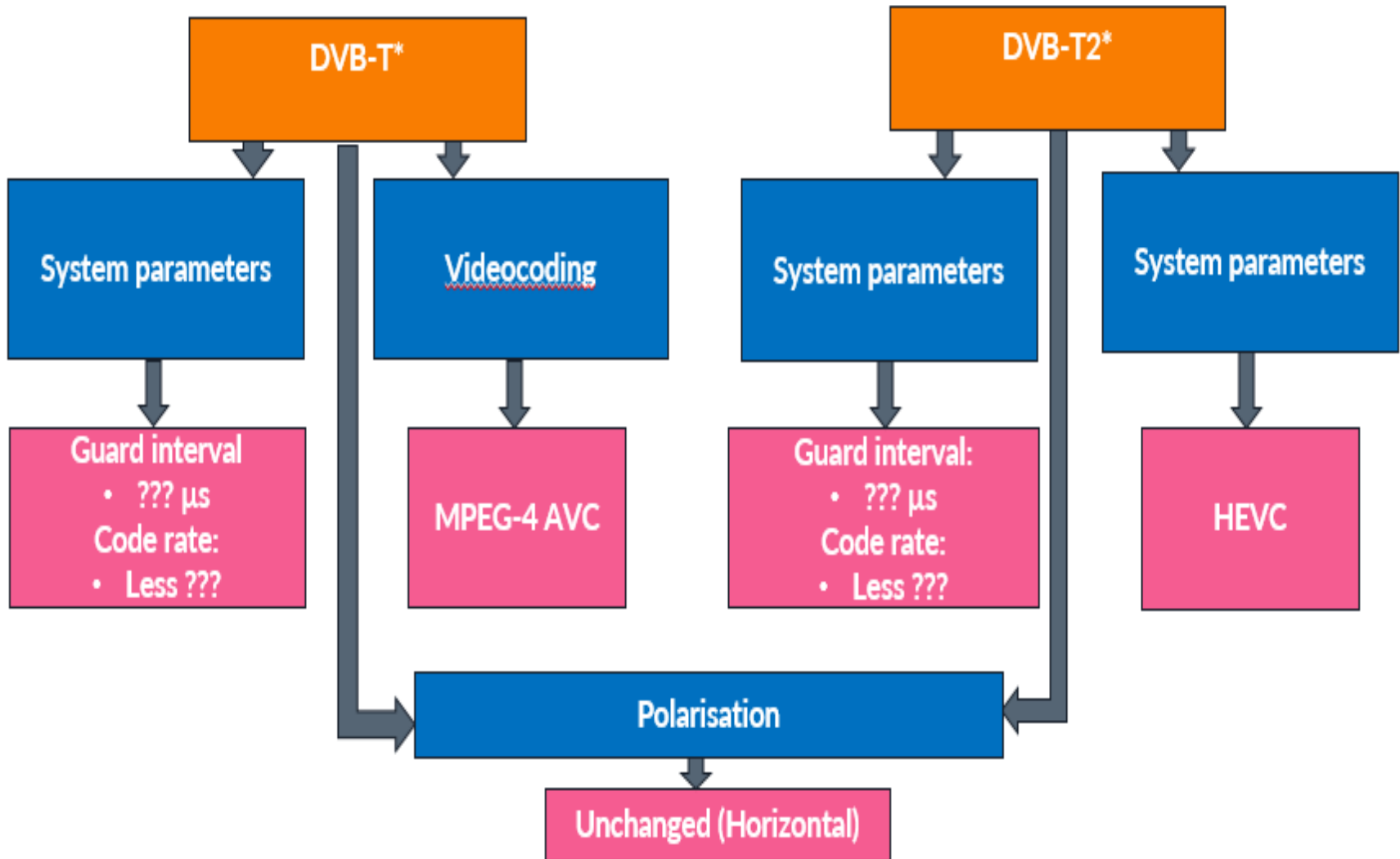
694-703	703-708	708-713	713-718	718-723	723-728	728-733	733-738	738-743	743-748	748-753	753-758	758-763	763-768	768-773	773-778	778-783	783-788	788-791
Guard band	Uplink						Gap	SDL (A)				Downlink				Guard band		
9 MHz	30 MHz (6 blocks of 5 MHz)						5 MHz	20 MHz (zero up to 4 blocks of 5 MHz)				30 MHz (6 blocks of 5 MHz)				3 MHz		

# SPECTRUM-EFFICIENT TECHNOLOGIES





# SPECTRUM-EFFICIENT TECHNOLOGIES



# ACTION PLAN

Options for possible solutions:

- Infrastructure sharing
- Allotment enlargement

= > Frequency coordination strategy

Priority:

- National layers (multiplexes)
- Regional layer(s) (multiplexes)
- Local TV

# Frequency coordination

- Get allotment extension data and assignment data from neighbours. Possible deadline: November of 2020
- Based on the received data start the planning process. Possible deadline: December of 2020
- Finish the planning process at latest 30<sup>th</sup> of July in 2021
- Start bilateral coordination based on the planning process results. Possible deadline: July of 2021
- Based on the outcome of the bilateral coordination the new allotment distribution should start, discussion with the providers over the switchover should come to finalization. Possible deadline: December of 2021
- All the switch over should be done by 30<sup>th</sup> of July 2022.

# Infrastructure sharing

- Identify restrictions at latest 31 October 2020
- Preparation of a proposal for their elimination at latest 30 November 2020
- Public consultation of the proposals at latest 31 December 2020
- Processing of received comments and suggestions at latest 31 January 2021
- A final law put into force at latest 28 February 2021.

# Infrastructure sharing

Establish an **incentive system** for use of common infrastructure.

- Preparation of a proposal for incentive system (financial compensation and / or recalculation of the present permissions) at latest 31 December 2020
- Public consultation of the proposal at latest 31 January 2021
- Processing of received comments and suggestions at latest 28 February 2021
- Launch of the incentive system at latest 1 March 2021

# **ADDITIONAL OUTCOMES**

Questionnaire on spectrum use and spectrum needs for terrestrial television broadcasting in the UHF frequency band in Region 1 and the Islamic Republic of Iran in connection with Resolution 235 (WRC-15)

*-Answered by Albania*