CEPT BUILD-UP TO WRC-23

Alexandre Kholod, Chairman ECC CPG
Federal Office of Communications, Switzerland

4th CIS & CEE SPECTRUM MANAGEMENT CONFERENCE
16-18 December 2020
Conference Preparatory Group (CPG)

- A forum for CEPT Administrations (48) and ECC Observers
- European positions for ITU World Radiocommunication Conferences and Radiocommunication Assemblies ("10 vs 6" guidance applies)
- Common positions in respect to ITU-R meetings
- Dialogue and cooperation with regional organisations outside CEPT
- Coordinated procedures for CEPT actions
CPG23 structure

Alexandre KOLOD (SUI)
CHAIRMAN

Natascha CIACCIA (SUI)
TECH. SECRETARY

Doriana GUIDUCCI (I)
ECO CONTACT

PROJECT TEAM A
Stephen TALBOT (G)
VICE-CHAIRMAN

SCIENCE, REGULATORY

PROJECT TEAM B
Thomas WELTER (F)

SPACE

PROJECT TEAM C
Martin WEBER (D)
VICE-CHAIRMAN

TRANSPORT

PROJECT TEAM D
K. CONCANNON (IRL)

UHF BAND

PROJECT TEAM ECC PT1
Steve GREEN (G)

IMT MATTERS

Alexandre Kholod – CEPT build-up to WRC-23
Meeting of responsible ITU-R groups
Contributions from ITU membership
(Member States, Sector Members, regional and international organisations)
Regular CPG23 Project Teams’ meetings

Draft CPM Report
Proposals from ITU Member States
Approval of ECPs

[Nov. 2019] CPG23-1
[CPG23-2]
[CPG23-3]
[CPG23-4]
[CPG23-5]
[CPG23-6]
[CPG23-7]
[CPG23-8]
[CPG23-9]
[Q4 2023] WRC-23
[21 Oct. 2022] CPM
[Mar.-Apr. 2023] CPM

Alexandre Kholod – CEPT build-up to WRC-23
Agenda of WRC-23

**MOBILE**
- UHF review
- IMT in mid-bands
- Mobile service in 3.6-3.8 GHz
- HAPS for IMT (HIBS)
- IMT in fixed service bands

**SPACE**
- GSO ESIM
- NGSO ESIM
- Inter-satellite links
- Data collection via satellite
- Protection of Galileo
- Satellite procedures

**TRANSPORT**
- Unmanned aircraft systems
- Sub-orbital vehicles
- Aeronautical VHF comms.
- Aeronautical non-safety aps.
- Aeronautical systems digitisation
- GMDSS

**SCIENCE**
- Space-borne radars
- Space weather sensors
- Earth exploration
- Space research

*from CEPT proposals to WRC-19*
Review of UHF band

The UHF band has undergone “salami slicing” by the various conferences since 2000

Another frequency band for IMT? … Under what conditions? …
Digital terrestrial television is considered very important in many CEPT countries.

**Long term vision for the UHF broadcasting band (2014)**

- Essential for delivery of audio-visual services
- More flexibility in the regulatory environment
- Feasible coexistence with mobile downlink
- Difficult coexistence with mobile uplink

**Required UHF spectrum for DTTB**

The 6 GHz band

Issues to be tackled
- Protection of existing services
- Planned satellite band
- Technology competition: IMT vs Wi-Fi
Final remarks

- CPG activities are open to all concerned stakeholders
- CPG maintains the dialogue and cooperation with all regional organisations

Thank you for your attention