

The logo for the Radio Spectrum Policy Group (RSPG) features the acronym 'RSPG' in a bold, orange, sans-serif font. The letters are contained within a white, rounded rectangular shape that has a subtle gradient and a slight shadow, giving it a three-dimensional appearance. This logo is positioned in the upper left corner of the slide, overlapping a decorative background of horizontal lines and a blue-to-white gradient.

RSPG

RADIO
SPECTRUM
POLICY GROUP

RSPG

31st Plenary Meeting

Gilles Brégant, Chairman

Finn Petersen, Vice Chairman

RSPG Briefing Session

Brussels

Addressing the growing demand for wireless broadband

- **RSPG approved for publication an Opinion on Wireless Broadband**
 - **describing the trends in consumer behaviour and demand in wireless technology**
 - **analysing why wireless spectrum is not used (High fees/lack of competition, lack of demand, legacy use of a band, regulatory description)**
 - **providing a roadmap to the 1200 MHz objective of the RSPP (and more...)**
 - **describing the differences between frequency bands to be considered as possible candidates bands and between 700 MHz band and the rest of UHF band**
 - **recommending the development of a strategic plan to meet the time frame 2013-2020**
- **RSPG Opinion defines WBB as high-speed wireless transmission of data and may be provided via either fixed, mobile or satellite platforms. Wi-Fi plays an important role in delivering broadband**

Addressing the growing demand for wireless broadband

- **RSPG sets the scene of possible spectrum resources to respond to Wireless Broadband needs in the future.**

Broadband access	In use/available for WBB (MHz)	Potential for WBB (near term) (MHz)	Medium term potential (>2015) (MHz)	Possibly in very long timeframe	Total (MHz)
Terrestrial	990,00	140,00	566,00	224,00	1920,00
Satellite	173,00	0	0,00	0	173,00
Wi-Fi	538,50	0	320,00	0	858,50
Total	1701,50 MHz	140,00 MHz	886,00 MHz	224,00 MHz	2951,50

- **RSPG identified more than 1700 MHz either in use or available for WBB (terrestrial, satellite, Wi-Fi)**
- **RSPG provides a roadmap including relevant actions to make additional frequency bands available for Wireless Broadband**

Addressing the growing demand for wireless broadband

- Further to a review of 400 MHz – 6 GHz frequency range, RSPG identified possible candidates bands and relative indicative time frame:
 - Near term :
 - 1452 - 1492 MHz, 2300 - 2400 MHz (depends on results of sharing studies and availability in MS)
 - Medium term (>2015)
 - terrestrial cellular : 694-790 MHz, 1375-1400 MHz, 1427-1452 MHz, 1880-1900 MHz, 3800 - 4200 MHz
 - Wi-Fi: 5350- 5470 MHz, 5725 -5875 MHz, 5875-5925 MHz
 - 470-694 MHz : Potential in long term on basis of convergence between mobile and broadcasting. Situation will vary from country to country
- RSPG identified spectrum needs for SAB/SAP
- RSPG received 51 contributions during the public consultation which largely confirmed the initial analysis. Future work based on the recommendations of the RSPG Opinion should take into account these responses

Addressing the growing demand for wireless broadband

- **RSPG also approved a report which complements the Opinion on potential candidates bands**
- **The broadcasting needs and relevant 700 MHz migration issues are also addressed based on results of an earlier RSPG survey**
- **In nearly all of the bands under consideration for future wireless broadband applications, there is some impact on incumbent services**
- **It recommends that when re-farming is being considered, the economic and social costs and benefits to both incumbent and new services should be evaluated**

EU Assistance in bi-lateral coordination

- **RSPG approved for publication the report on “*proposed spectrum coordination approach for broadcasting in the case of a reallocation of the 700 MHz*”**
- **It concludes that the negotiation approach should preferably, similarly to the 800 MHz, be based on bilateral and multilateral coordination with coordination groups such as WEDDIP, with improvements to ensure consistency between simultaneous coordination process**
- **RSPG noted the role of “good-offices” for cross-border coordination and progress made on relevant bi-lateral negotiation (review of actions). Additional request has been received and will be investigated.**

EU Common Policy Objectives for WRC-15

- **RSPG has been shocked by the sudden death of M. Steve Bond (Chairman of this WG) in May and dedicated this meeting to his memory**
- **The RSPG approved an interim Opinion on Common Policy Objectives for WRC 15**
- **It confirms main themes already identified at the previous RSPG meeting and relationships with the relevant WRC 15 agenda items**
 - **Information society – electronic communications**
 - **Space policy**
 - **Transport policy**
 - **Scientific use of spectrum**
- **This interim Opinion will be made publicly available**
- **RSPG will continue to develop draft EU common policy objectives**

Interference management

- **RSPG approved the report subject to editorial changes before publication**
- **This report**
 - **describes various proposals to ensure an efficient interference management including to improve the role of standardisation**
 - **emphasizes the ex ante interference management to avoid harmful interference, which saves resources compared to ex post interference management and encourages Member States to exchange national best practices on interference management**
 - **highlights the increasing role of receiver parameters in spectrum management. The group suggests that the new Radio Equipment Directive (RED) should cover all radio receivers including receive-only equipment**
- **RSPG agreed that this report is an input to the current negotiation on Radio Equipment Directive (RED)**

Licensed Shared Access

- **RSPG approved for public consultation a draft Opinion on LSA**
- **This draft Opinion**
 - **provides some examples of current shared access practices in EU Member States**
 - **improves the definition of LSA based on previous RSPG reports and additional material provided by EU member States**
 - **considers how LSA could be implemented, in particular, focusing primarily on unlocking bands used by incumbents**
 - **clarifies the role of Administrations/NRA and others stakeholders when implementing LSA framework at national level**
 - **confirms the compatibility of the LSA framework with the current EU regulation and framework**

Strategic sectoral spectrum needs

- **This report will provide a strategic RSPG input in response to article 8 of the RSPG**
- **RSPG welcomed the progress made by the group and agreed on the new structure of the draft report**
- **RSPG discussed and agreed on some basic strategic principles for managing sectoral needs (to be further developed by the group)**
- **RSPG noted the progress made in large number of sectors (Smart meters, Smart energy grids, ITS, Galileo, Scientific services and GMES) and the time plan to further develop the report**
- **RSPG noted the exchange of views with the consultant in charge of the study on “future demand for spectrum”. The European Commission confirmed that the results of this study will be finalised soon and be made available to the group**

Updating the RSPG Work Program

- **Based on suggestion from the RSPG Chairmen, RSPG considered the need to update the RSPG Work program for next year**
- **RSPG agreed on a principle to convene an ad hoc seminar in Autumn to assess strategic topics that could be considered in future RSPG work program**
- **RSPG members have been invited to develop relevant high level inputs to contribute to this event**
- **The next RSPG plenary will consider the update of RSPG work program**