

WP 6A > DTTB Questionnaire: Respond to this Survey

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* indicates a required field

1 a) What standards have you adopted for digital terrestrial broadcasting ?

DVB-T

1 b) Have you started introduction of digital terrestrial television services ? *

- Yes
- No

1 c) If 'Yes', please provide further details on the number of multiplexes in use, their technical specifications, the percentage of geographic area or population they are intended to cover and the total spectrum use to inform WP 6A.

A proposed format for detailed responses is provided in Annex 1 (see file DTTB-Q-A1.docx under QUESTIONNAIRE in the WP 6A Share Folder).

Country	No of mux	System&mod	FEC	GI	Reception mode	Capacity	Current percentage population coverage	Intended coverage	Content per mux	Total Capacity	Total spectrum BW	Comments
Slovenia	1	DVB-T, 64-QAM	2/3	1/4	fixed	19.9	97 %	97 %	8 SD MPEG 4	108.66	64	public service mux
	1	DVB-T 64-QAM	3/4	1/4	fixed	22.4	85 %	85 %	empty			commercial mux
	6	DVB-T 16 QAM	1/2	1/8	fixed	11.06	10 %	20 %	1 SD MPEG 4			local muxes

2 a) Have you commenced analogue television switch-off ?

- Yes
- No

2 b) If you have any such plans, when do you expect to have completed the analogue switch-off process ?

It was completed in 2011

3 a) What is the percentage of viewer uptake of terrestrial television in your country, including those whose service provider uses terrestrial broadcast re-transmission (e.g. in cable networks)?

40 %

3 b) If possible, please also provide details of the number or proportion of users who receive television primarily by terrestrial means.

30 %

4 a) Indicate how many analogue television transmitters use channels in the frequency sub-band 694-790 MHz (as indicated in Resolution 232 (WRC-12)).

0

4 b) How many are in the remaining part of the UHF band ?

0

5 a) What frequencies/channels are currently used or intended to be used by digital terrestrial television broadcasting in your country? Please distinguish between those in use and those intended to be used.

In use: 21, 27, 28, 29, 32, 33, 34, 35, 45, 53, 57
 Intendet to be used: 22, 23, 24, 26, 30, 31, 35, 37, 38, 39, 41, 43, 46, 47, 50, 51, 52, 55, 58, 59, 60

5 b) If allotments/SFNs are in use, a sketch map of frequency allocations could be included, with an accompanying table of allocations, as shown in Annex 2 (see file DTTB-Q-A2.docx under QUESTIONNAIRE in the WP 6A Share Folder). Otherwise, it might be possible to show main transmitters and channels, grouped in layers, in a table.

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Area	Layer 1	Layer 2	Layer 3	Layer 4	Layer 5
West	27	21	22	31	33
Center	32	38	45	49	38
East	27	37	45	52	59

Table includes only national networks, regional and local are excluded

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5 c) Please indicate how many digital television assignments/allotments use channels in the frequency sub-band 694-790 MHz (as indicated in Resolution 232 (WRC-12), and 149 assignments/allotments

5 d) How many are in the remaining part of the UHF band ?

390 assignments/allotments

6 a) Are those frequency bands also shared with other primary services?

- Yes
 No

6 b) If yes, please give details of those systems and their spectrum use.

7 a) Are those frequency bands also shared with secondary services such as PMSE, radioastronomy or wind-profile radar?

- Yes
 No

7 b) If yes, please give details of those systems and their spectrum use.

VLBI observations 608 - 614
 Wireless microphones (PMSE) occasionally

8 a) Do you foresee the adoption or expansion of television services broadcast using second-generation systems such as DVB-T2 ?

- Yes
 No

8 b) If yes, please give indicative details of the planned transition, including any simulcast period.

New multiplex in DVB-T2 technology, no transition or simulcast is foreseen

9 a) Do you foresee a requirement for new and enhanced services, including HD and 3D television, on the terrestrial television platform?

- Yes
 No

9 b) If yes, please give indicative details of the number and nature of services planned, and if known, the expected timeframe for their introduction.

HD TV before 2015

10 a) Are there plans in your country to launch more multiplexes in the future ?

- Yes
 No

10 b) If yes, how many more and when? Please also indicate the expected timeframe for their introduction.

3 more, 1 before 2015, 2 after 2015

11 What is the amount of spectrum you foresee that will be required for terrestrial television broadcasting, if plans in Questions 8, 9 and 10 are to be supported, and services identified in Questions 6 and 7 are to be taken into account? Please indicate the modes of transmission that will be used, and timeframes. If appropriate, a suggested form to express these requirements is shown in Annex 3 (see file DTTB-Q-A3 under QUESTIONNAIRE in the WP 6A Share Folder).

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<table>
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<td>&nbsp;&nbsp;&nbsp;Country</td>
<td>No of Muxes <br />
</td>
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<td>GI <br />
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<td>Capacity <br />
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<td>Intended percentage population coverage <br />
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<td>&nbsp;&nbsp;&nbsp;3 HD MPEG 4<br />
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<td rowspan="2">&nbsp;&nbsp;&nbsp;24</td>
<td>&nbsp;&nbsp;&nbsp;until 2015<br />
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<td>&nbsp;&nbsp;&nbsp;SD or HD, MPEG 4<br />
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<td>&nbsp;&nbsp;&nbsp;after 2015<br />
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Country	No of multiplexes	System & modulation	FEC	GI	Reception mode ^[1]	Capacity per multiplex (Mb/s)	Intended percentage population coverage	Content per multiplex	Total capacity (Mb/s)	Total spectrum bandwidth needed (MHz) ^[2]	Any additional comments including time frames
Slovenia	1	DVB-T2, 64-QAM	2/3	1/4	fixed	22.6	85%	3 HD MPEG4	67.8	24	until 2015
	2	DVB-T2 64-QAM	2/3	1/4	fixed	22.6	85%	SD or HD, MPEG4			after 2015

[1] E.g. fixed, portable outdoor/mobile, portable indoor.

[2] Refer Sections 2 and 3 on page 1 of this circular.

12. Please provide the following information:

- a) Name of the Administration/Sector Member:
- b) For Sector members please indicate the geographical area over which you operate:
- c) Contact person:
- d) Email address:
- e) Telephone number:

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