**Management of CEPT country list for the purpose of CDC operation:**

As a regular task, ECO manages information from CEPT administrations on implementation of CEPT harmonisation measures.

With respect to 5.8 GHz WAS/RLAN systems,no harmonisation measure is planned to be developped.

The issue is to provide knowledge for each CEPT country whether the administration do permit or not the use of the 5725-5850 MHz band by WAS/RLAN with max e.i.r.p. higher than 25 mW.

CDC:

The implementation of CDC (Country Determination Capability) for WAS/RLAN devices that can operate within the 5725-5850 MHz band with an e.i.r.p. higher than 25 mW and up to 200 mW would set up automatically (i.e. without the intervention of final users) the device to enable access to the spectrum depending on the national regulatory situation. In other words, CDC shall ensure that the 5725-5850 MHz band can be used by WAS/RLAN with an e.i.r.p. higher than 25 mW only in countries allowing such use.

In practice, CDC would enable inclusion of provisions for WAS/RLAN operation in the 5725-5850 MHz band with power higher than 25 mW e.i.r.p. in relevant European harmonised standard, thus supporting the free circulation of compliant WAS/RLAN devices at EU/EEA level while offering protection for incumbents in countries where such WAS/RLAN use is not permitted (i.e. by preventing illegal use of these devices in these countries).

ECO Table:

A European reference table managed by the ECO ("the ECO table") should provide a consolidated information about the regulatory framework applied in each CEPT country for the use of the 5.8 GHz band by WAS/RLAN devices. Such Table could for instance be hosted within the ECC webpage on [WAS/RLAN](https://cept.org/ecc/topics/wireless-access-systems-and-radiolan-wasrlan). ECO will consider ways to take most benefits from existing tools (ECODOCDB, EFIS…).

The CDC concept applicable for 5.8 GHz WAS/RLAN use is a binary solution. The status of the band (authorised/not authorised) should be declared by each CEPT administration to ECO, which will instruct how to provide such information. The declaration by a CEPT administration to the ECO should inform about the possible legal use of the 5.8 GHz band by WAS/RLAN devices with max e.i.r.p. higher than 25 mW and up to 200 mW within its territory. Possible additional restrictions (e.g. geographical restrictions) would not be handled by the ECO Table. In the absence of formal declaration (no info) provided by relevant CEPT Members contact point, the ECO should assume that the WAS/RLAN use that is subject to CDC requirement is not permitted in the corresponding country.

Taking into account the demand from some administrations and in order to support enhanced spectrum sharing, the ECO Table should distinguish the following 4 sub-bands: 5725-5735 MHz, 5735-5795 MHz, 5795-5815 MHz and 5815-5850 MHz.

The table below illustrates the concept proposed to be managed by the ECO:

|  |  |
| --- | --- |
| **Country** | **Information on the possible use of the 5725-5850 MHz frequency band by WAS/RLAN devices with max power higher than 25 mW and up to 200 mW e.i.r.p. in CEPT countries** |
| **Authorised in 5725-5735?****(Yes/No)** | **Authorised in 5735-5795?****(Yes/No)** | **Authorised in 5795-5815?****(Yes/No)** | **Authorised in 5815-5850?****(Yes/No)** | **National regulatory reference if authorised** |
| Country A | No | No | No | No |  |
| … |  |  |  |  |  |
| Country B | No | No | No | No |  |
| … |  |  |  |  |  |
| Country C | Yes | Yes | Yes | Yes |  |
| … |  |  |  |  |  |
| Country D | Yes | Yes | No | Yes |  |
| … |  |  |  |  |  |
| Country E | Yes | No | No | No |  |

Notes:

1) The information displayed in the Table above on the possible use on a national basis of portions of the 5.8 GHz band by WAS/RLAN devices with max power higher than 25 mW and up to 200 mW e.i.r.p. does not apply to fixed outdoor installations nor to installations in vehicles.

2) The table does not cover usage that is harmonised under:

* ERC Recommendation 70-03 for the use of the band 5725-5875 MHz by non-specific SRD (including WAS/RLAN) with max power up to 25 mW e.i.r.p.
* ECC Recommendation (06)04 for the use of the band 5725-5875 MHz by BFWA with max power up to 4 W e.i.r.p.

3) The technical requirements specifications for WAS/RLAN devices that can operate with max power higher than 25 mW and up to 200 mW e.i.r.p. are to be defined in the corresponding ETSI harmonised standard.

Subject to market demand, it could also be considered in the future how to ensure that the regulatory information provided in the ECO Table is available in a machine-readable format that can be queried by a WAS/RLAN transmitting device (e.g. access point) or its associated controller.