

EFIS – ECO Report 03 and Rights-of-Use Statistics

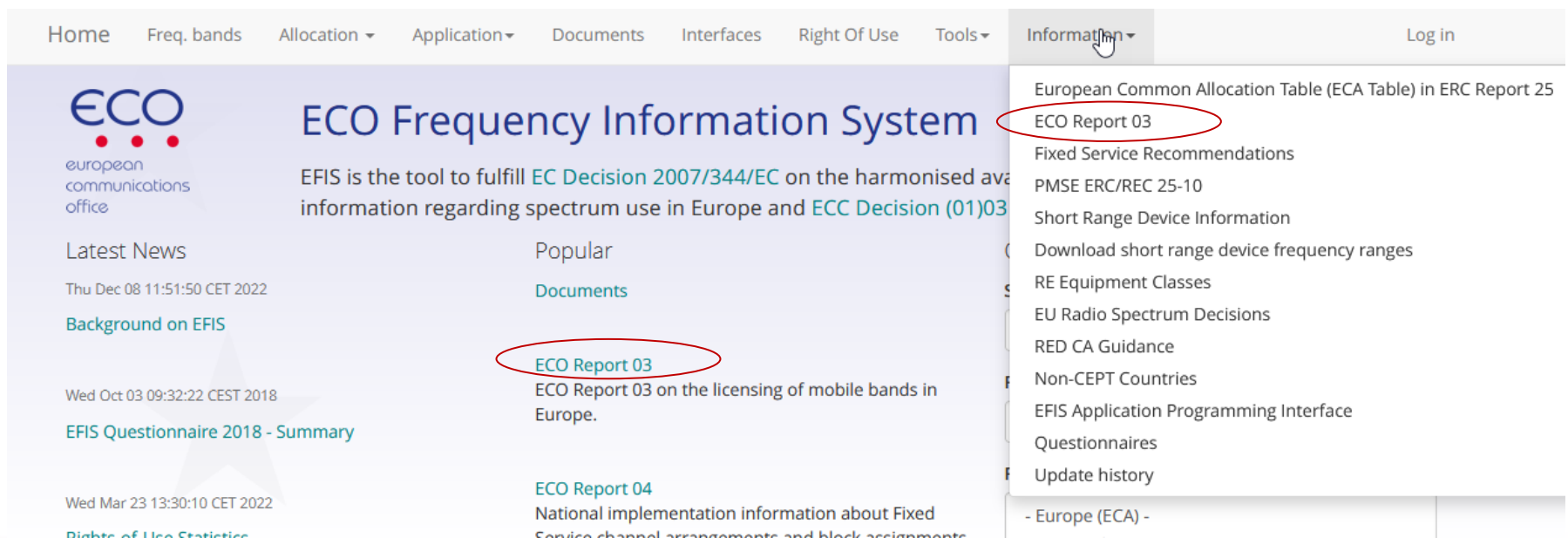
November 2023

Content

- ECO Report 03 in EFIS
- Search Possibilities
- Create ECO Report 03 out of EFIS
- Rights-of-Use in ECS Bands - Statistics
- Categories, Selections, Graphical Visualisations

Access ECO Report 03

- [Direct link to ECO Report 03](#)
- From [EFIS](#) main page – under ‘Popular’ or Information menu



Home Freq. bands Allocation ▾ Application ▾ Documents Interfaces Right Of Use Tools ▾ Information ▾ Log in

ECO
european communications office

ECO Frequency Information System

EFIS is the tool to fulfill [EC Decision 2007/344/EC](#) on the harmonised availability of radio spectrum and [ECC Decision \(01\)03](#)

Latest News
Thu Dec 08 11:51:50 CET 2022
[Background on EFIS](#)
Wed Oct 03 09:32:22 CEST 2018
[EFIS Questionnaire 2018 - Summary](#)
Wed Mar 23 13:30:10 CET 2022
[Right of Use Statistics](#)

Popular
[Documents](#)
[ECO Report 03](#)
ECO Report 03 on the licensing of mobile bands in Europe.
[ECO Report 04](#)
National implementation information about Fixed Service channel arrangements and block assignments

Information ▾

- European Common Allocation Table (ECA Table) in ERC Report 25
- ECO Report 03**
- Fixed Service Recommendations
- PMSE ERC/REC 25-10
- Short Range Device Information
- Download short range device frequency ranges
- RE Equipment Classes
- EU Radio Spectrum Decisions
- RED CA Guidance
- Non-CEPT Countries
- EFIS Application Programming Interface
- Questionnaires
- Update history

- Europe (ECA) -

ECO Report 03 in EFIS

ECO Report 03 Information

[ECO Report 03 \(pdf version\)](#) on the licensing of mobile bands in Europe presents the most recent information available to the European Communications Office (ECO) on the licensing of the following frequency bands in CEPT countries:

Frequency Range	ECC Deliverable	Implementation status
694-790 MHz	ECC/DEC/(15)01	link
790-862 MHz	ECC/DEC/(09)03	link
880-915 MHz / 925-960 MHz	ECC/DEC/(06)13 / ERC/DEC/(97)02 / ERC/DEC/(94)01	link / link / link
1427-1452 MHz / 1492-1518 MHz	ECC/DEC/(17)06	link
1452-1492 MHz	ECC/DEC/(13)03	link
1710-1785 MHz / 1805-1880 MHz	ECC/DEC/(06)13 / ERC/DEC/(95)03	link / link
1900-1920 MHz	CEPT Report 52	see CEPT Report 52
1920-1980 MHz / 2110-2170 MHz	ECC/DEC/(06)01	link
2010-2025 MHz	CEPT Report 52	see CEPT Report 52
2300-2400 MHz	ECC/DEC/(14)02	link
2500-2690 MHz	ECC/DEC/(05)05	link
3400-3800 MHz	ECC/DEC/(11)06	link
24.25-27.50 GHz	ECC/DEC/(18)06	link

Help

Statistics

[See Rights Of Use statistics \(in the ECS bands\)](#)

Interesting links

[Background on ECO Report 03 and related statistics in EFIS:](#)

[Guidance and Background](#)

Search Possibilities

- You can select one, several or all CEPT countries for one ECS frequency band (data is available from 43 CEPT countries)
- You can select all ECS frequency bands for one country
- You can download an up-to-date extract or full ECO Report 03 in pdf format. This version always takes into account recent changes/updates from the national administrations.
- Under information -> update history, one can see who did recent changes relevant for rights-of-use/ECO Report 03

Update history			
Time	Entity	Action	Info
Tue Feb 24 14:05:12 CET 2015	Norway	Updated right of use information/ECO Report 03	2010 MHz - 2025 MHz
Fri Feb 13 13:22:58 CET 2015	Slovenia	Updated right of use information/ECO Report 03	2010 MHz - 2025 MHz
Thu Feb 12 10:32:47 CET 2015	Norway	Updated right of use information/ECO Report 03	2010 MHz - 2025 MHz
Tue Feb 10 13:51:11 CET 2015	Hungary	Updated right of use information/ECO Report 03	790 MHz - 862 MHz

Search Possibilities

Search

Frequency band

Frequency Tables
Select one or more

- Albania
- Andorra
- Austria
- Azerbaijan
- Belgium
- Bosnia and Herzegovina
- Bulgaria
- Croatia
- Cyprus
- Czech Republic

Search all bands for one country

- or -

Search operators for all countries and all bands

Select Operators

ECO Report 03 generated out of EFIS



European Communications Office (ECO)











ECO REPORT 03

THE LICENSING OF "MOBILE BANDS" IN CEPT

25 February 2015

Examples (duplex and simplex) data table format in ECO Report 03 in EFIS (identical for all ECS bands)

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Orange	2140.1 - 2144.9 MHz (DL) 1950.1 - 1954.9 MHz (UL)	MFCN	UMTS-FDD	National Coverage	Start: 08-06-2010 Expiry: 07-06-2030 Tradeable	
	Free Mobile	2144.9 - 2149.9 MHz (DL) 1954.9 - 1959.9 MHz (UL)	MFCN	UMTS-FDD	National Coverage	Start: 12-01-2010 Expiry: 11-01-2030 Tradeable	
	Société Française du Radiotéléphone	2149.9 - 2154.9 MHz (DL) 1959.9 - 1964.9 MHz (UL)	MFCN	UMTS-FDD	National Coverage	Start: 08-06-2010 Expiry: 07-06-2030 Tradeable	
	Orange	2154.9 - 2169.7 MHz (DL) 1964.9 - 1979.7 MHz (UL)	MFCN	UMTS-FDD	National Coverage	Start: 21-08-2001 Expiry: 20-08-2021 Tradeable	

	Operator	Frequencies	Application	Technology in use	Coverage	Duration, tradability	Comments
	Telefónica O2 Germany GmbH & Co. OHG	1900.1 - 1905.1 MHz	TRA-ECS		National Coverage	Expiry: 31-12-2025	MFCN
	Erste MVV Mobilfunk Vermögensverwaltungs GmbH	1905.1 - 1910.1 MHz	TRA-ECS		National Coverage	Expiry: 31-12-2020	MFCN
	Telekom Deutschland GmbH	1910.1 - 1915.1 MHz	TRA-ECS		National Coverage	Expiry: 31-12-2020	MFCN
	Vodafone D2 GmbH	1915.1 - 1920 MHz	TRA-ECS	MFCN	National Coverage	Expiry: 31-12-2020	The exact band 1915.1 to 1920.1 MHz

- Note: Operator names: an auto-complete function has been added in EFIS to get more commonality for the operator names in EFIS

Rights-of-Use in ECS bands – Statistics

ECO Report 03 Information

ECO Report 03 on them licensing of mobile bands in Europe presents the most recent information available to the European Communications Office (ECO) on the licensing of the following frequency bands in CEPT countries:

Frequency Range	ECC Deliverable	Implementation status
790-862 MHz	ECC/DEC/(09)03	link
880-915 MHz / 925-960 MHz	ECC/DEC/(06)13 / ECC/DEC/(94)01	link / link
1710-1785 MHz / 1805-1880 MHz	ECC/DEC/(06)13	link
1900-1920 MHz	CEPT Report 52	see CEPT Report 52
1920-1980 MHz / 2110-2170 MHz	ECC/DEC/(06)01	link

Help

Statistics

See Rights Of Use statistics (in the ECS bands)

Rights of Use - statistics

This information below based on the data in [ECO Report 03](#).

Show for user

Albania
Andorra
Austria
Azerbaijan
Belgium
Bosnia and Herzegovina
Bulgaria
Croatia
Cyprus
Czech Republic

Refresh

Select all

Export to CSV

Coverage type

- National coverage
 Regional/local coverage
 Single transmitter

Report type

Expiry report

Expiry of current spectrum rights of use

		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	After 2038
694 MHz - 790 MHz		0	0	0	0	0	0	0	0	1	0	1	5	0	11	17	4	3	52
790 MHz - 862 MHz		0	0	2	3	3	6	8	30	16	14	5	15	3	6	0	0	0	9
880 MHz - 915 MHz / 925 MHz - 960 MHz		0	5	14	25	22	10	8	21	26	12	3	12	7	1	0	3	0	24
1427 MHz - 1452 MHz		0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	3
1452 MHz - 1492 MHz		0	0	0	0	0	0	0	2	0	0	0	2	0	2	1	0	0	13
1492 MHz - 1518 MHz		0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
1710 MHz - 1785 MHz / 1805 MHz - 1880 MHz		0	1	12	11	20	17	5	32	33	11	4	23	4	2	0	9	0	26

RoU Statistics

- Categories according to:
 - **Expiry date** -> which RoU expire in a certain year? Covers 15 years from now. Where no dedicated expiry date is given, it appears in the right hand column 'after [year]'.
 - **Start date** -> which RoU started in a certain year? Covers the last 15 years. There is an extra column on left hand side to show those RoU where a start date is not provided in EFIS. Note: the start date is relatively new in EFIS, administrations are expected to add start date information over time, so numbers in this column will decrease.
 - **Active RoU**: which are the existing RoU in a certain year? Covers 15 years from now.

Further Selection Possibilities in the Statistics

- One can select one, several or all countries
- You can filter one or more of the three coverage types: national RoU, regional RoU, individual transmitter. Most RoU in ECO Report 03 are having national coverage. However, in the 3.4-3.8 GHz, there are also many RoU with regional coverage

Rights of Use - statistics

This information below based on the data in [ECO Report 03](#).

Show for user

- Albania
- Andorra
- Austria
- Azerbaijan
- Belgium
- Bosnia and Herzegovina
- Bulgaria
- Croatia
- Cyprus
- Czech Republic

Coverage type

- National coverage
- Regional/local coverage
- Single transmitter

Refresh
Select all
Export to CSV

- After selection-> refresh
- You can download the statistics in an excel file (can be used then for your own graphical depiction).

Graphical visualisation of detailed statistical information

- Select a number in the table and get detailed information about the countries in a table or map

		2022	2023	2024	2025	2026	2027	2028
694 MHz - 790 MHz		0	0	0	0	0	0	0
790 MHz - 862 MHz		0	0	2	3	3	6	8
880 MHz - 915 MHz / 925 MHz - 960 MHz		0	5	14	<u>25</u>	22	10	8
1427 MHz - 1452 MHz		0	0	0				
1452 MHz - 1492 MHz		0	0	0	0	0	0	0
1492 MHz - 1518 MHz		0	0	0	0	0	0	0

Details in table
Details on map

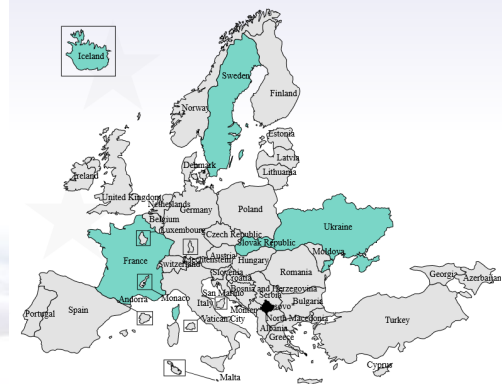
Expiry of current spectrum rights of use:
Year 2025 with range 880 MHz - 915 MHz / 925 MHz - 960 MHz

Export to CSV

France	1
Iceland	2
Slovakia	14
Sweden	7
Ukraine	1
Total	25

Expiry of current spectrum rights of use (year: 2025)

880 MHz - 915 MHz / 925 MHz - 960 MHz
National coverage



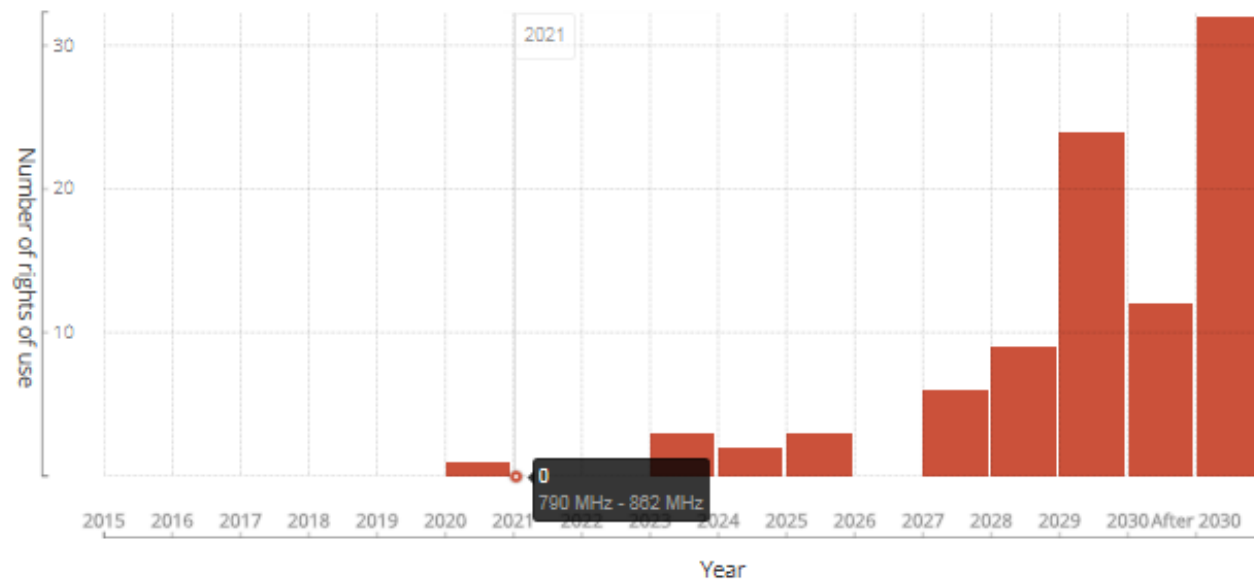
Bar chart for one band

25-02-2015 12:15:19

Expiry of current spectrum rights of use

790 MHz - 862 MHz

National coverage, Regional/local coverage



790 MHz - 862 MHz

Expiry of current spectrum rig

Band	Number of rights of use
790 MHz - 862 MHz	0
880 MHz - 915 MHz / 925 MHz - 960 MHz	44
1710 MHz - 1785 MHz / 1805 MHz - 1880 MHz	56

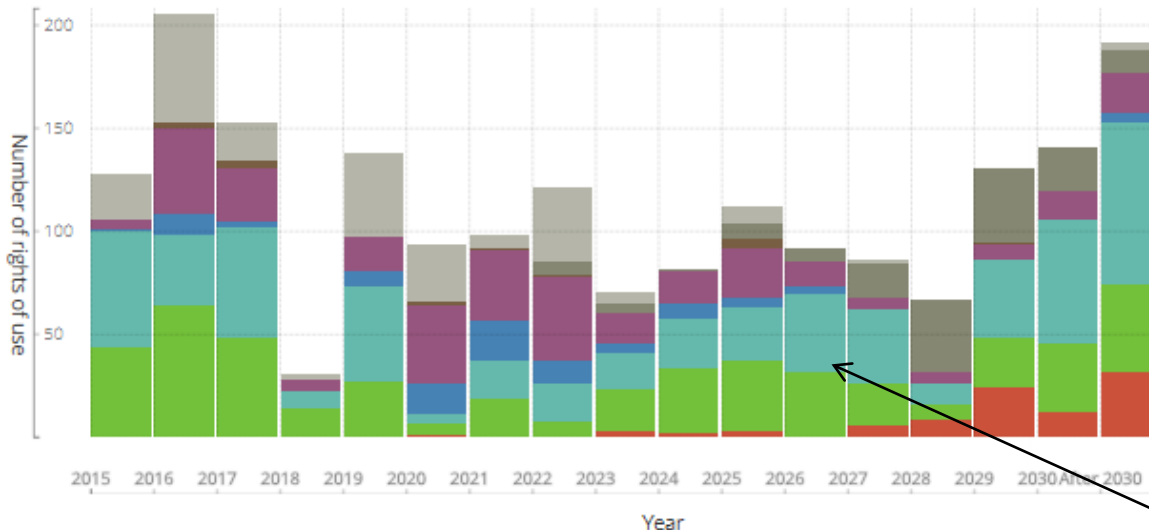
- Select one of these
- You can mouse over the chart to get precise numbers

Bar chart for all ECS bands

25-02-2015 12:21:51

Expiry of current spectrum rights of use

All bands
National coverage, Regional/local coverage



- Select bar chart under 'total'
- You can mouse over the chart to get precise numbers for each band and year

Expiry of current spectrum rights of use

	2015	2016	2017
790 MHz - 862 MHz	0	0	0
880 MHz - 915 MHz / 925 MHz - 960 MHz	44	64	48
1710 MHz - 1785 MHz / 1805 MHz - 1880 MHz	56	34	54
1900 MHz - 1920 MHz	1	10	3
1920 MHz - 1980 MHz / 2110 MHz - 2170 MHz	5	42	26
2010 MHz - 2025 MHz	0	3	3
2500 MHz - 2690 MHz	0	0	0
3400 MHz - 3600 MHz / 3600 MHz - 3800 MHz	22	53	19
Total	128	206	153

Questions

Please contact us

[ECO EFIS contacts](#)

<https://efis.cept.org>

<https://cept.org/eco>

<https://cept.org/ecc>