EUROPEAN
COMMISSION

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SWD(2021) 1001 final

PART 7/38

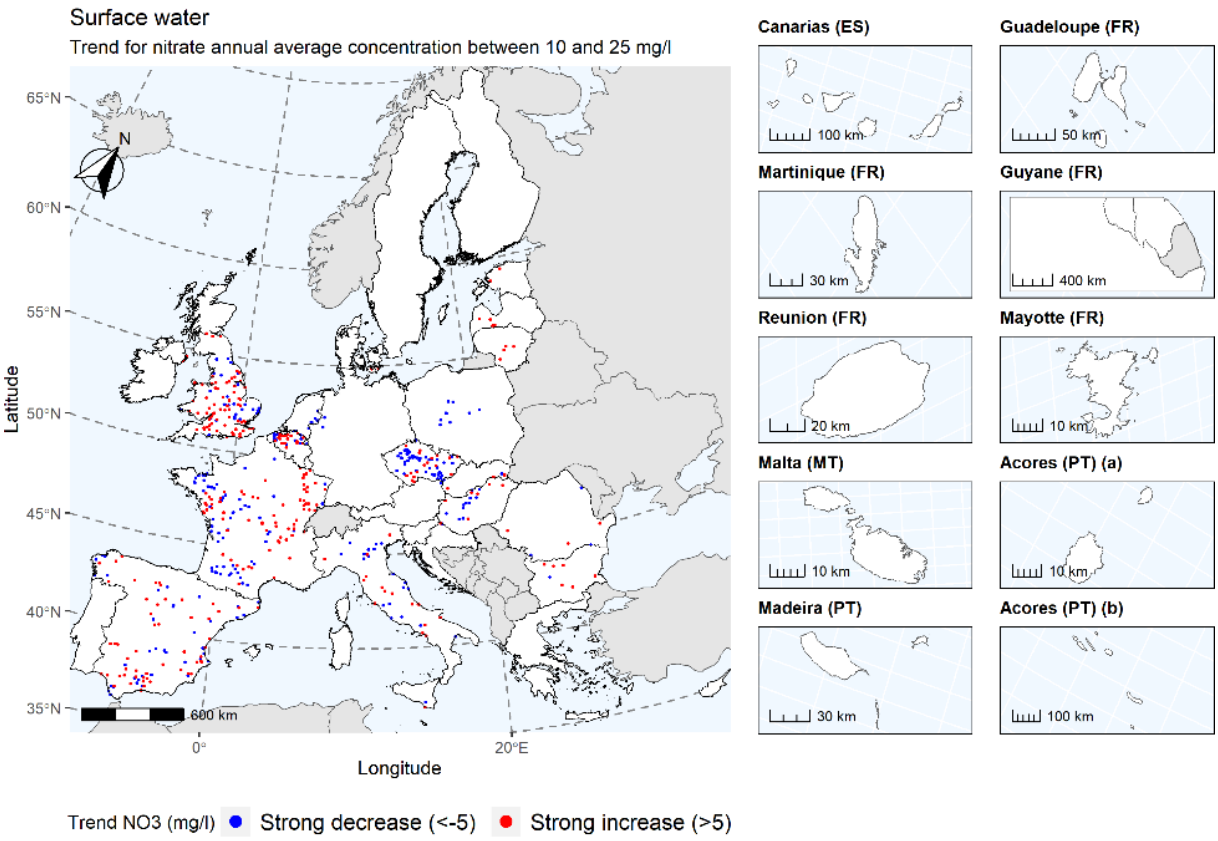
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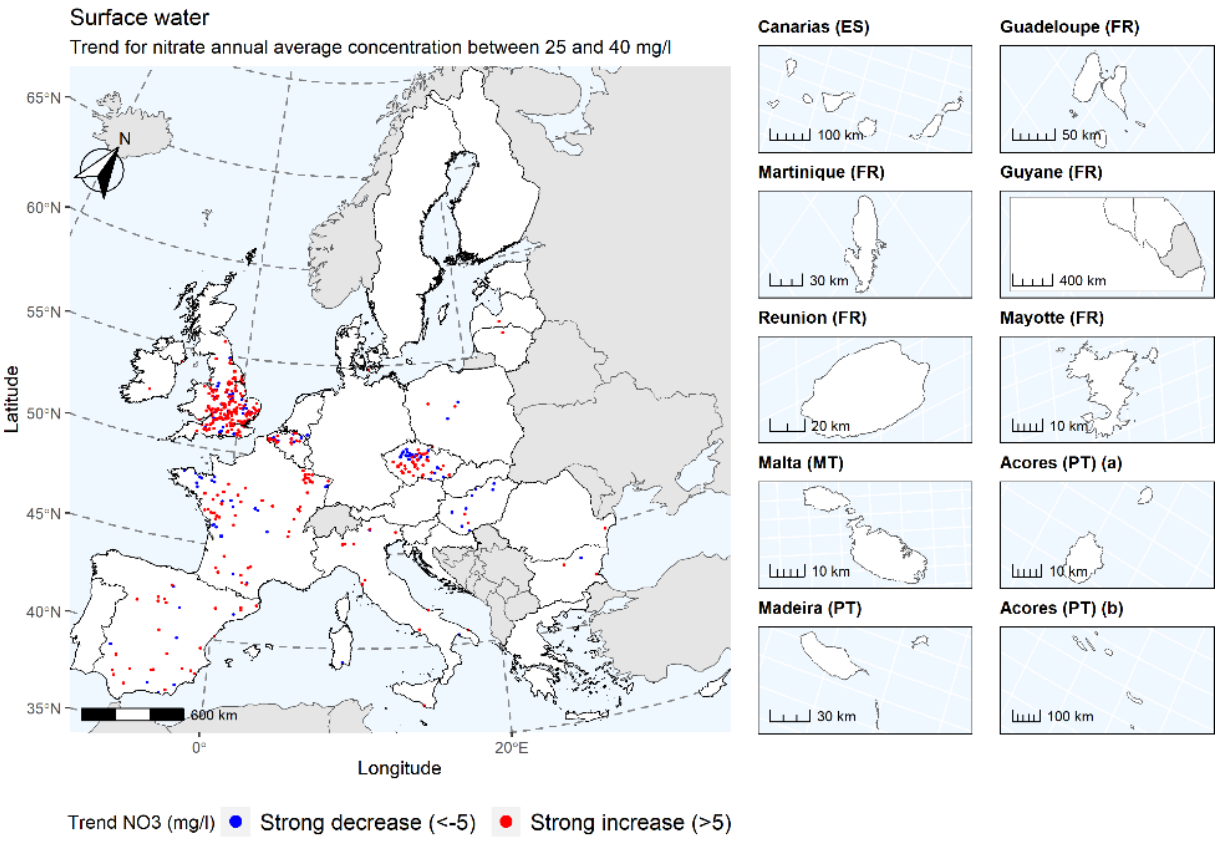
REPORT FROM THE COMMISSION TO THE COUNCIL AND THE EUROPEAN PARLIAMENT

on the implementation of Council Directive 91/676/EEC concerning the protection of waters against pollution caused by nitrates from agricultural sources based on Member State reports for the period 2016–2019

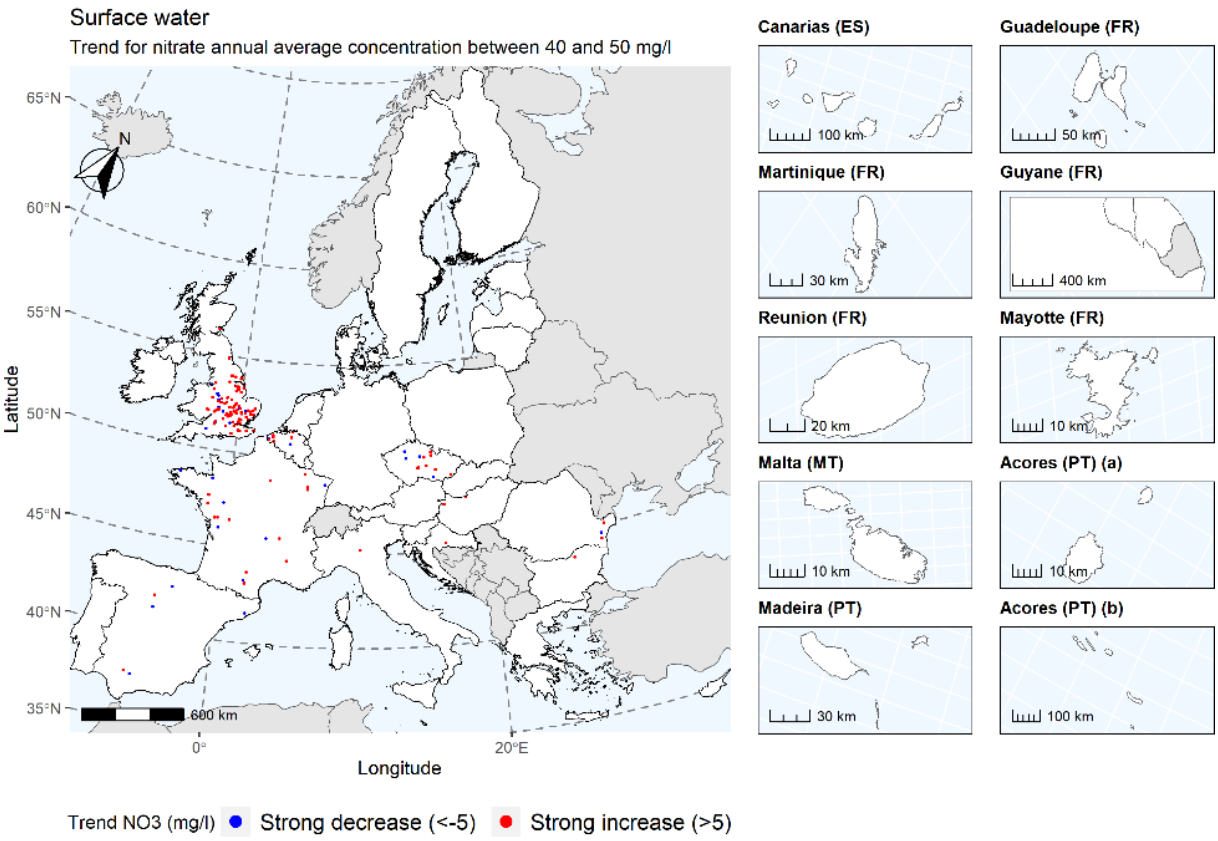
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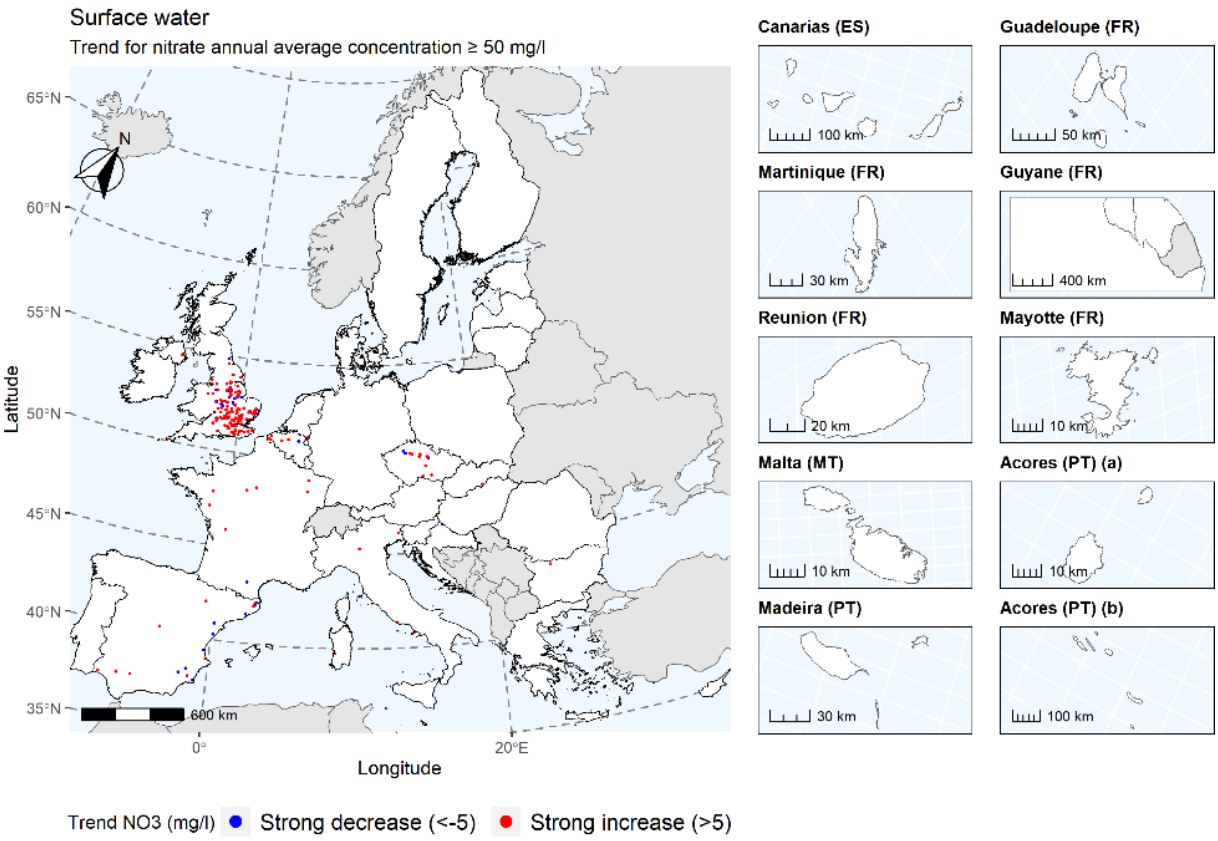
Map 39: Strong trends in annual average nitrate concentrations in surface water (all categories) between the reporting periods 2012-2015 and 2016-2019 for stations with an average annual nitrate concentration between 10 and 25 mg/l in 2016-2019



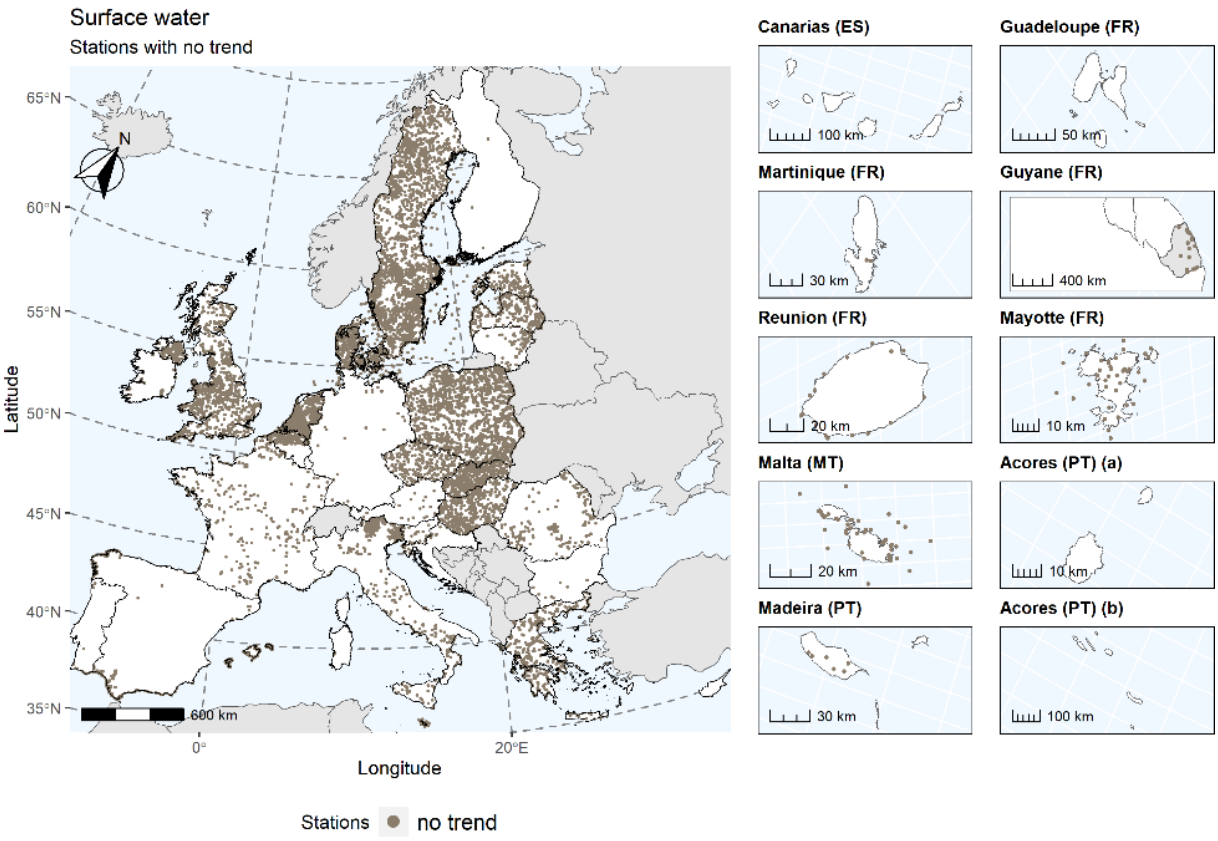
Map 40: Strong trends in annual average nitrate concentrations in surface water (all categories) between the reporting periods 2012-2015 and 2016-2019 for stations with an average annual nitrate concentration between 25 and 40 mg/l in 2016-2019



Map 41: Strong trends in annual average nitrate concentrations in surface water (all categories) between the reporting periods 2012-2015 and 2016-2019 for stations with an average annual nitrate concentration between 40 and 50 mg/l in 2016-2019



Map 42: Strong trends in annual average nitrate concentrations in surface water (all categories) between the reporting periods 2012-2015 and 2016-2019 for stations with an average annual nitrate concentration equal to or above 50 mg/l in 2016-2019



Map 43: Map of stations with no trend in nitrates concentrations in surface water between the reporting periods 2012-2015 and 2016-2019

3. NITRATE VULNERABLE ZONES

Table 45: Implementation of Article 3 of the Nitrates Directive in 2016-2019. In blue the MS that changed NVZ in RP7, in grey the not valid or drafted zone that are excluded from the total value. (Source: JRC)

Country	Detail	Note	Designated Area 2012-2015 (km^2)	Designated Area 2016-2019 (km^2)	Difference (%)
AT	AT	art. 3.5	83,861.5	83,861.5	0
BE	Flanders	art. 3.5	13,566.3	13,624.7	0.4
	Wallonia		9,597.2	9,597.2	0
BG	BG		38,351.6	38,627.6	0.7
CY	CY		444.0	457.2	3
CZ	CZ		35,638.8	33,153.6	-7
DE	DE	art. 3.5	357,783.2	357,783.2	0
DK	DK	art. 3.5	43,117.6	43,117.6	0
EE	EE		3,267.4	3,267.4	0
ES	ES		80,619.3	121,563.3	50.8
	ES	drafted zone	NA	1,323.0	
FI	FI	art. 3.5	337,414.7	337,414.7	0
FR	FR		313,891.0	292,661.0	-6.8
GR	GR		42,287.5	42,287.5	0
HR	HR		5,088.9	5,088.9	0
HU	HU		65,268.0	65,048.8	-0.3
IE	IE	art. 3.5	69,969.8	69,969.8	0
IT	IT		39,767.0	46,130.0	16
	IT	not valid zone	NA	33.0	
LT	LT	art. 3.5	64,921.9	64,921.9	0
LU	LU	art. 3.5	2,605.9	2,605.9	0
LV	LV		8,265.0	8,265.0	0
MT	MT	art. 3.5	312.5	312.5	0
NL	NL	art. 3.5	37,371.2	37,371.2	0
PL	PL	art. 3.5	21,320.0	311,928.0	>100
PT	PT		4,047.4	4,047.4	0
RO	RO	art. 3.5	238,315.8	238,315.8	0
SE	SE		101,461.7	97,182.7	-4.2
	SE	not valid zone	NA	4,508.8	
SI	SI	art. 3.5	20,249.1	20,249.1	0
SK	SK		14,622.8	20,936.2	43.2
	SK	not valid zone	NA	3,157.8	
UK	England		74,697.3	72,441.2	-3
	Northern Ireland	art. 3.5	14,131.3	14,131.3	0
	Scotland		11,263.1	8,409.0	-25.3
	Wales		479.0	479.0	0
	Total		**2,153,997.9**	**2,465,250.3**	**14.4**

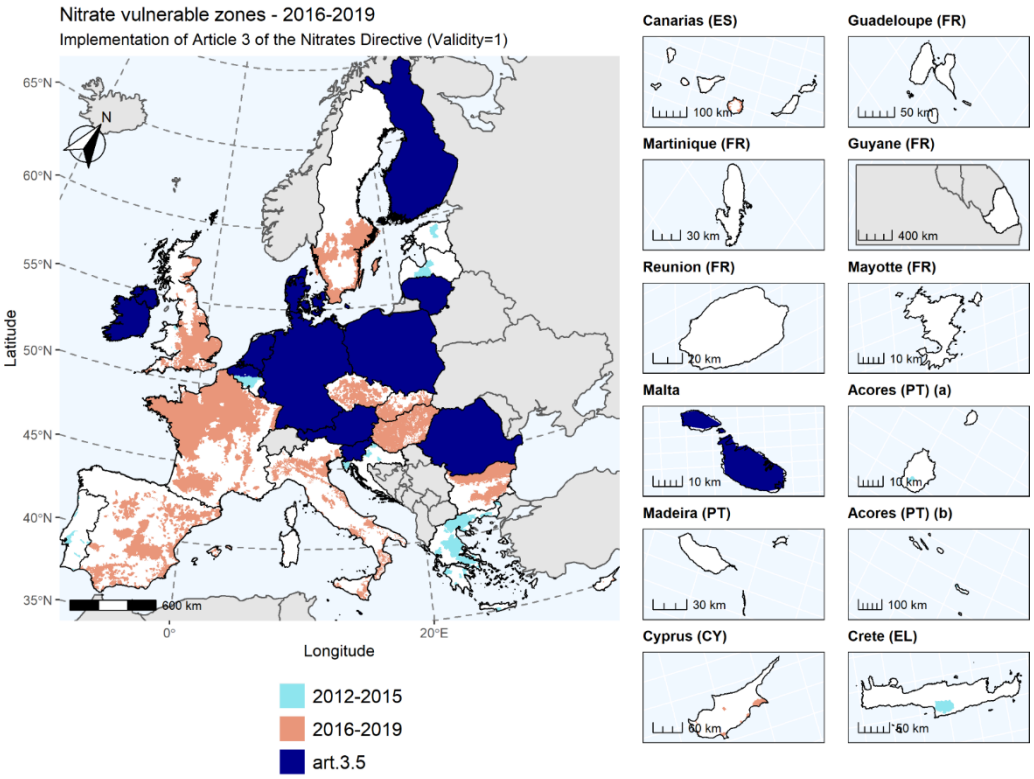
(*)

Poland is the unique country that changed the NVZ approach adopting a territory approach in 2016-2019

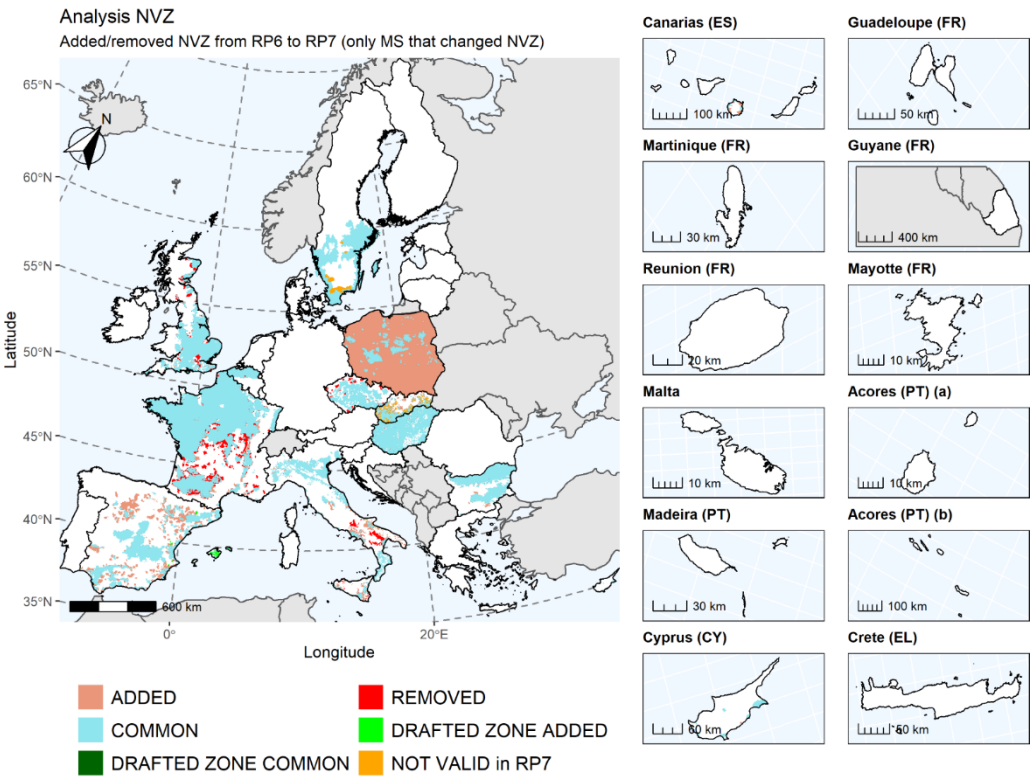
NA: not available

Table 46: Analysis of added and removed NVZ respect to the previous reporting periods. In the table only the countries that changed NVZ. See countries in blue in Table 45 (Source: JRC)

	Area NVZ (km2)						
Country Code	ADDED	REMOVED	COMMON	DRAFTED ZONE ADDED	DRAFTED ZONE COMMON	NOT VALID in RP7	Grand Total
BE	93.9	198.7	23,128.0	0	0	0.0	23,221.9
BG	1,198.6	922.6	37,429.0	0	0	0.0	38,627.6
CY	13.2	0.0	444.0	0	0	0.0	457.2
CZ	730.8	3,216.0	32,422.8	0	0	0.0	33,153.6
ES	41,163.0	219.0	80,400.3	1,323	0	0.0	121,563.3
FR	8,211.5	29,441.6	284,449.4	0	0	0.0	292,660.9
HU	59.9	279.0	64,988.9	0	0	0.0	65,048.8
IT	10,431.5	4,035.3	35,698.7	0	0	32.9	46,130.2
PL	290,608.0	0.0	21,320.0	0	0	0.0	311,928.0
SE	0.1	0.1	97,182.6	0	0	4,508.8	97,182.7
SK	8,227.4	2.8	12,708.8	0	0	3,157.8	20,936.2
UK	1,338.8	6,447.9	79,511.2	0	0	0.0	80,850.0
Total	**362,076.7**	**44,763.0**	**769,683.7**	**1,323**	**0**	**7,699.5**	**1,131,760.4**



Map 44: Implementation of Article 3 of the Nitrates Directive in 2016-2019 (Source: JRC)



Map 45: Analysis of added and removed NVZ respect to the previous reporting periods. In the map only the countries that changed NVZ in RP7. (Source: JRC)