

# WISE – Freshwater WFD visualization tool

**Eionet Freshwater workshop**  
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European Environment Agency (EEA)



# European waters - assessment of status and pressures 2018

EEA Report | No 4/2018

## European waters — assessment of status and pressures 2018

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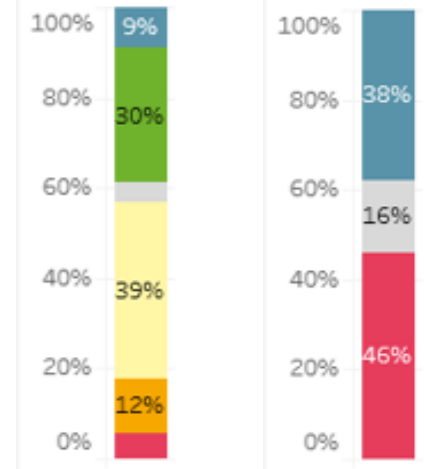
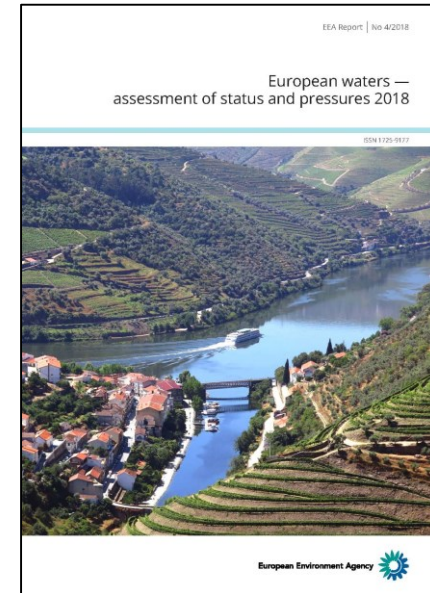


# European waters - assessment of status and pressures 2018

**The report aims to present results on:**

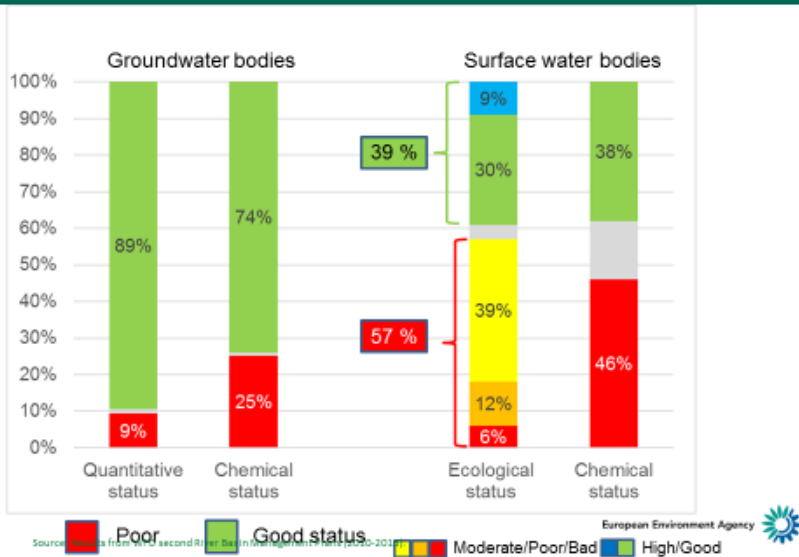
- the status of EU waters, based on the second River Basin Management Plans (RBMPs);
- the pressures that are causing less than good status;
- the progress that was achieved during the first RBMP cycle (2010-2015).

**The report presents key results, while more detailed results are presented in an interactive tool in WISE-Freshwater (incl also the transitional and coastal waters).**

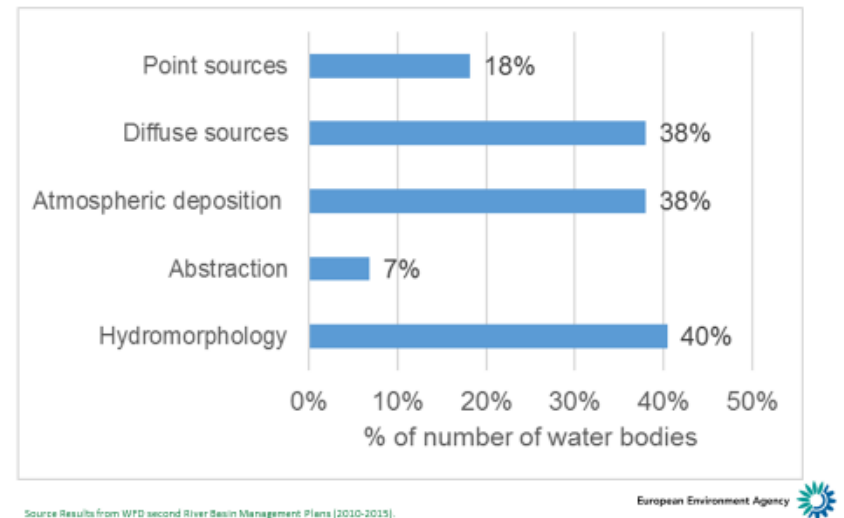


Ecological status      Chemical status

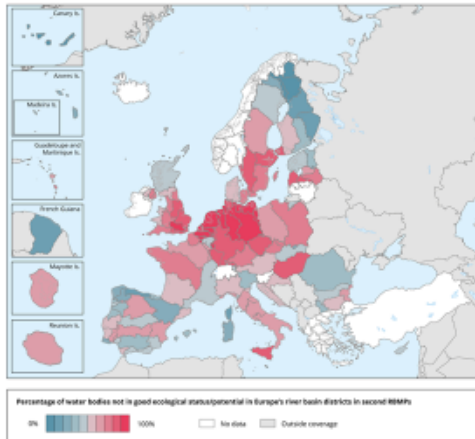
## Status of groundwater and surface waters



## Surface waters main pressures - 2<sup>nd</sup> RBMPs

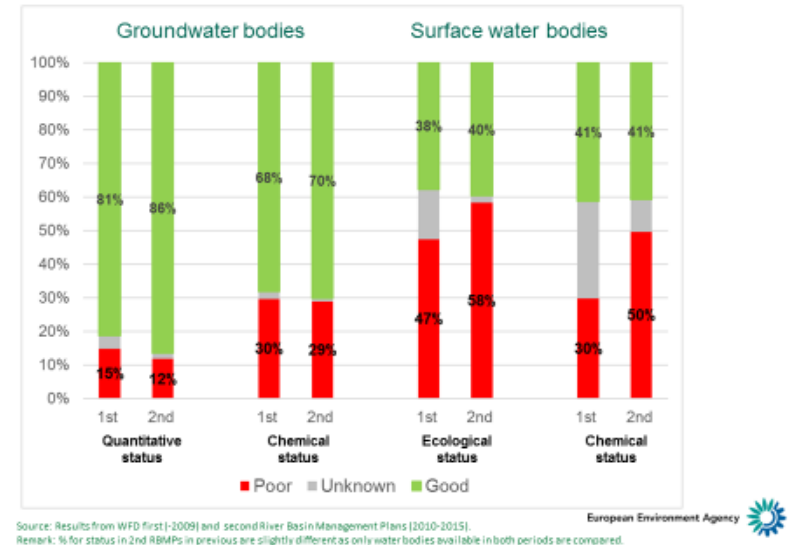


## Ecological status and potential - 2<sup>nd</sup> RBMPs (2010-2015)



- Northern countries, particularly the northern Scandinavian region, northern United Kingdom (Scotland) and Estonia, as well as Slovakia, Romania, show a high proportion of water bodies in high or good ecological status.
- In contrast, many of the central European river basin districts show the highest proportion of water bodies not in good ecological status.

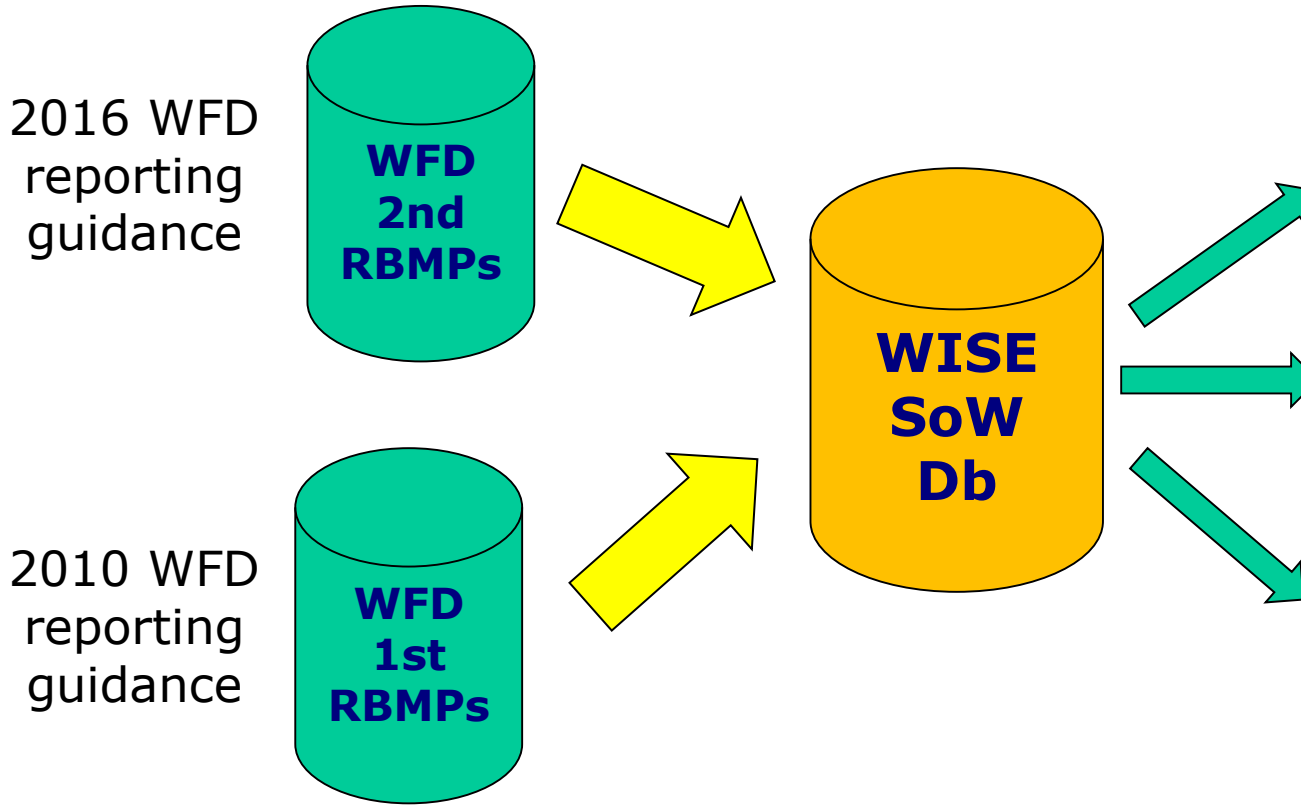
## Change in status from 1<sup>st</sup> to 2<sup>nd</sup> RBMPs



Source: Results from WFD second River Basin Management Plans (2010-2015)



# WISE-Freshwater WFD visualisation tool

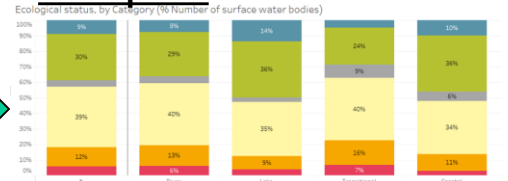


## Tables

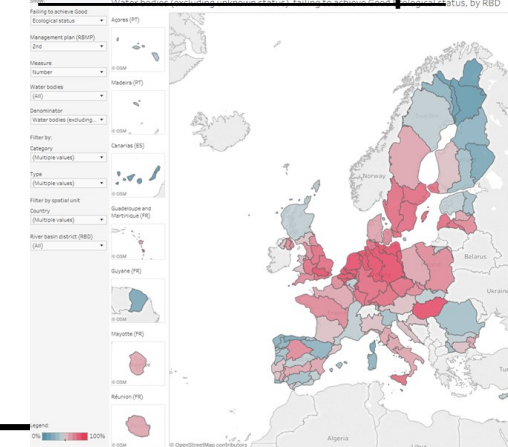
Surface water bodies: Number and Size, by Chemical status

Water bodies	Number	% Number (geom.)	Length	% Length (geom.)	Area	% Area (geom.)
All	1127	100.0%	82 276	100.0%	6 223	100.0%
Good	122	10.8%	12 206	14.8%	1 551	25.0%
Slightly improved	373	33.1%	15 965	19.4%	1 122	18.0%
Not improved	632	56.1%	64 105	78.2%	4 550	73.0%

## Graphs



## Interactive maps



# WISE-Freshwater visualisation tool

## (including all the water categories)

- More detailed results are presented in an interactive tool in WISE-Freshwater.
- WISE-Freshwater visualisation tool is based on data reported by Member States in 2<sup>nd</sup> and 1<sup>st</sup> RBMPs\*
- The tool present **tables**, **graphs** and **maps** on status and pressures aggregated to EU, Member States, RBD and subunit level.
- The current version has +160 dashboards (see overview in last slides) on status and pressures.
- Dashboards on monitoring and methodologies are planned during the autumn 2018 or in 2019.
- EEA hopes that Eionet NRCs and the CIS Working Groups will use and further access the information presented
- **Disclaimer: *Caution is needed when comparing results between Member States and between the first and second RBMPs, as the results can be significantly affected by the methodology applied by individual Member States.***

\*EU28 Member States, except Greece, Ireland and Lithuania (due to late reporting)  
Norway is also not included for the same reason (reporting finalized last week)

# Explanation of tabular information

Surface water bodies: Number or Size, by Category

Show:		River		Lake		Transitional		Coastal		Territorial		Unpopulated	
Management plan (RBMP)		total	% (col)	total	% (col)	total	% (col)	total	% (col)	total	% (col)	total	% (col)
2nd		89 097	100,0%	18 153	100,0%	782	100,0%	2 830	100,0%	45	100,0%	43	100,0%
Measure		River		Lake		Transitional		Coastal		Territorial		Unpopulated	
Number	NUTS02	total	% (col)	total	% (col)	total	% (col)	total	% (col)	total	% (col)	total	% (col)
Water bodies													
(All)													
Filter by:													
Category													
Type													
(All)													
Filter by spatial unit													
Country													
(All)													
Filter by sub-unit													
Sub-unit													
(All)													
Filter by status													
Status													
(All)													

Title

EU results

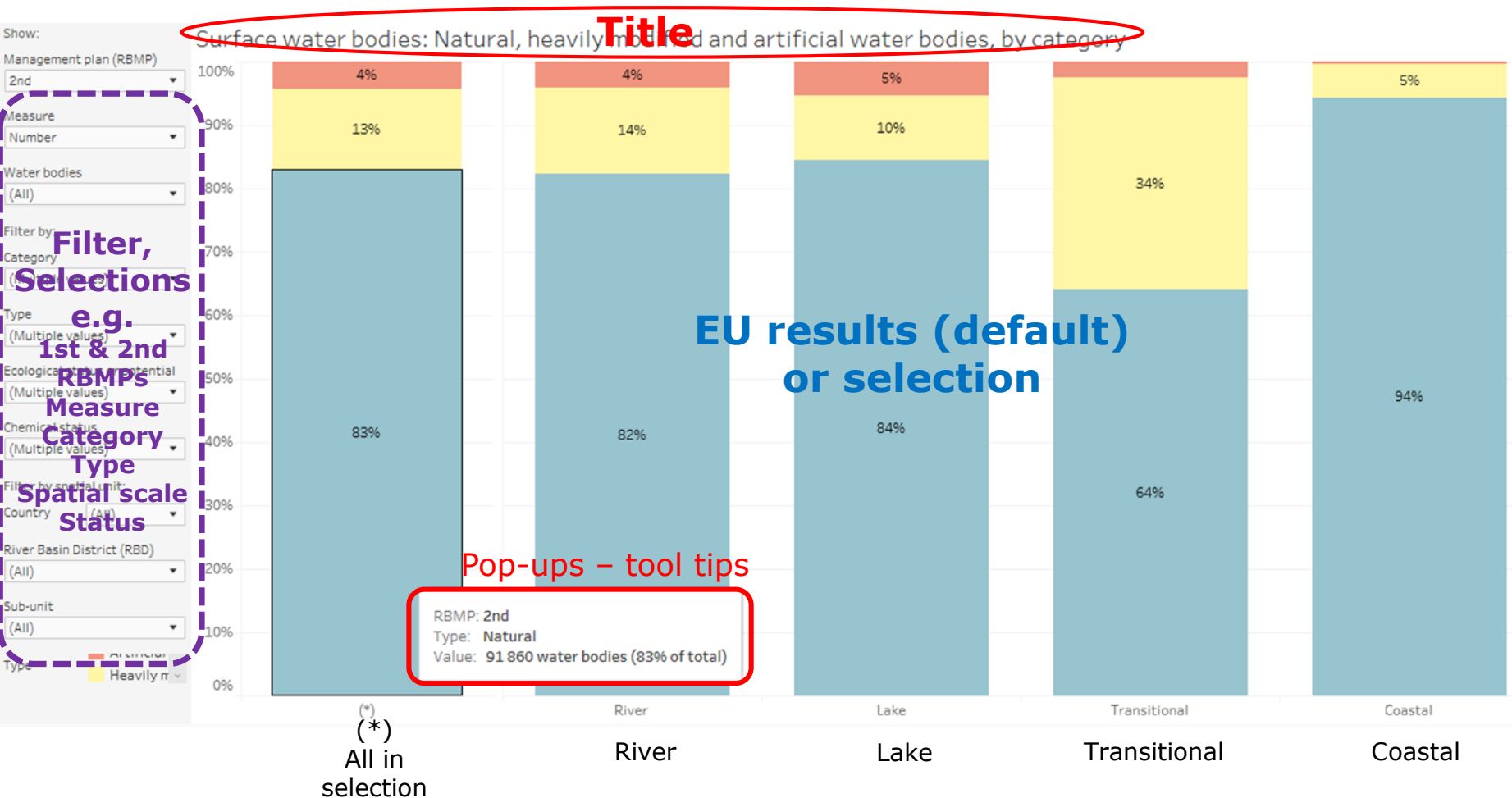
Member State results  
scroll down RBDs, subunits

Filters,  
e.g.  
1st & 2nd  
RBMPs  
Measure  
(number or  
size)  
Category  
RW, LW, TW, CW  
Type (natural,  
HMWBs)  
Spatial scale  
Status

Notes  
1) River basin districts and sub-units as reported in the 2nd RBMPs.  
2) For river water bodies, the size value is the length (km). For other water body categories, the size value is the area (km²).  
3) 'Unchanged' water bodies are water bodies that have not been redelineated between the 1st and 2nd RBMP.

# Graphs – general template

Graph shows % natural (blue), HMWBs (yellow), AWBs (red)



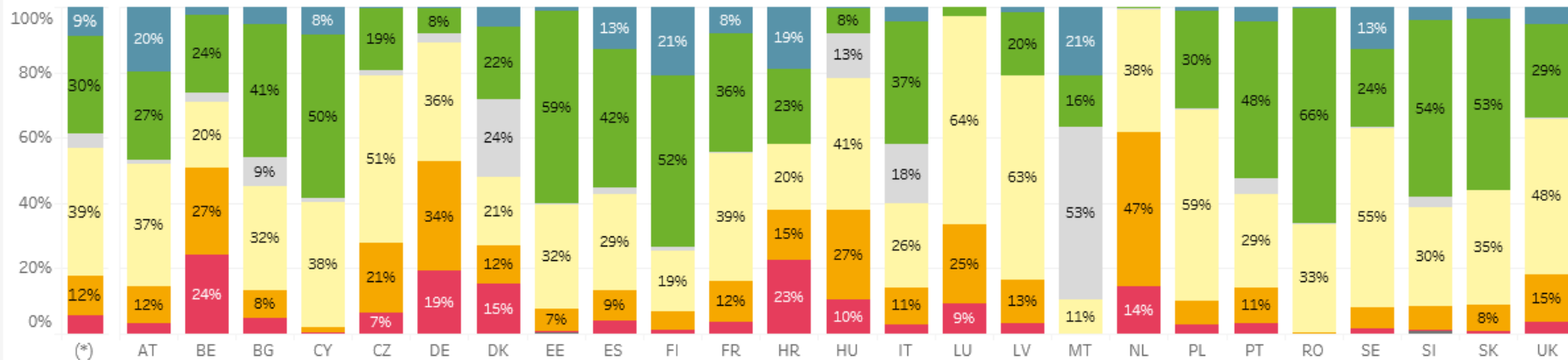
Surface water bodies: Natural, heavily modified and artificial water bodies, by category



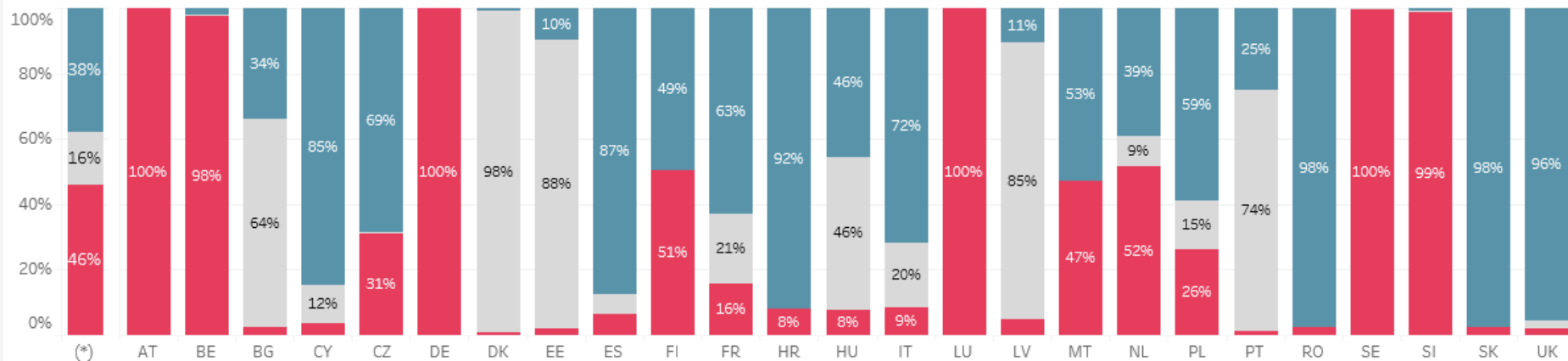


# Surface water bodies: Ecological status or potential and chemical status, by country

Surface water bodies: Ecological status or potential, by country



Surface water bodies: Chemical status, by country



Revert Refresh Pause

Share Download Full Screen

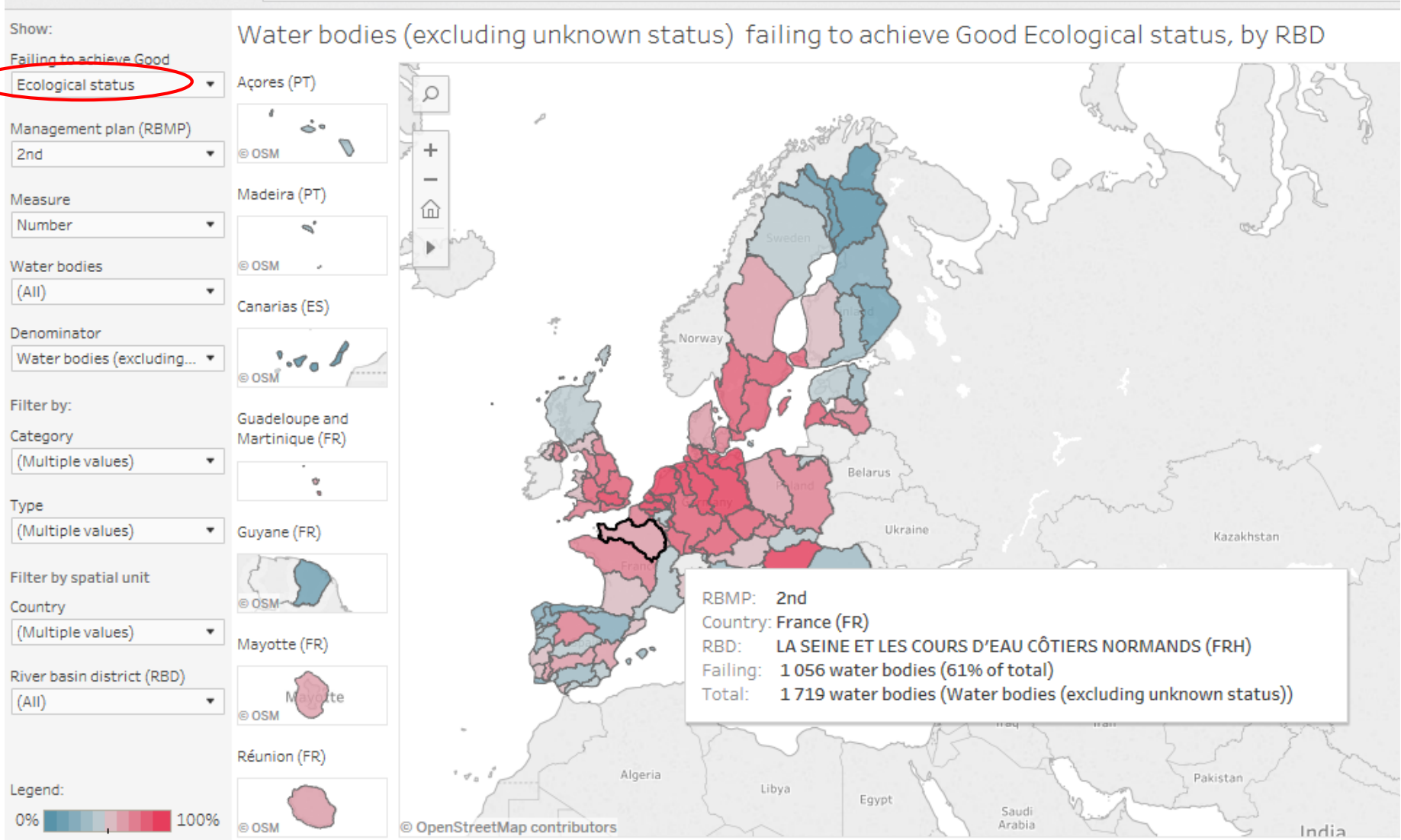
• Alternative; Chemical status with and without uPBTs

• Surface water bodies: Chemical status with and without uPBT maps, by RBD



# Surface water bodies failing to achieve good status, by RBD LINK

Select ecological status



Surface water bodies failing to achieve good status, by RBD

# Filters and selections (left side of each dashboard)

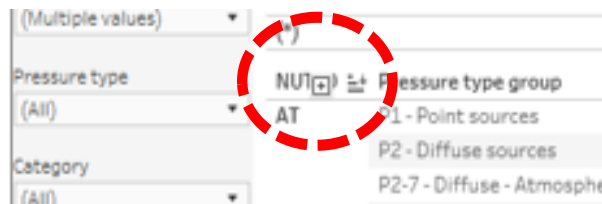
## Filters

Significant pres	Filters
Show:	
Management plan (RBMP): 2nd	<b>Management plans</b> 2nd; or 1st
Water bodies: (All)	<b>Water bodies (WISEvolutionType)</b> (All); Unchanged or Other ('Unchanged' water bodies are water bodies that have not been redelineated between the 1st and 2nd RBMP.)
Measure: Number	<b>Measure</b> Number, Size (km/km <sup>2</sup> )
Filter by:	
Pressure type group: (Multiple values)	<b>Pressure type group</b> Aggregated pressure group Pressure type Detailed pressures
Pressure type: (All)	
Category: (All)	<b>Category</b> Rivers, lakes, transitional, coastal and territorial waters
Type: (All)	<b>Type</b> Natural, Heavily modified or artificial water bodies
Ecological status: (All)	<b>Ecological status</b>
Chemical status: (All)	<b>Chemical status</b>
Filter by spatial unit:	
Country: (All)	<b>Spatial filters</b> <b>Country</b>
River basin district (RBD): (All)	<b>River basin districts</b>
Sub-unit: (All)	<b>Sub-unit</b>



# Functions: scroll down, sort, exclude etc.

Rolling the mouse above NUTS0 a plus will appear

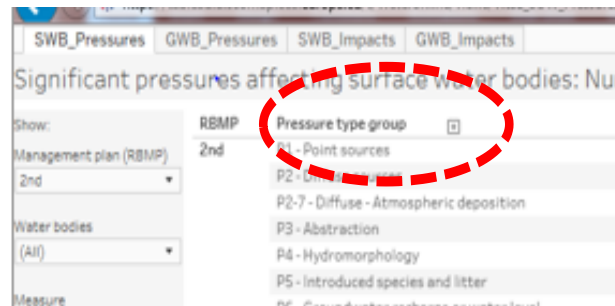


Clicking on the + will expand the results to RBD level

NUTS0	euRBDCode	Number	% (Number)	Length	% (Length)
AT	AT1000	7 807	7,0%	30 933	2,6%
	AT2000	219	0,2%	893	0,1%
	AT5000	101	0,1%	451	0,0%
BE	BEESCAUT_RW	79	0,1%	1 509	0,1%
	BEESCAUT_SCHELDE_BR	3	0,0%	39	0,0%
	BEMEUSE_RW	257	0,2%	4 952	0,4%
	BEMAAS_VL	18	0,0%	273	0,0%
	BENOORDZEE_FED	2	0,0%		
	BERHIN_RW	16	0,0%	287	0,0%
	BESCHELDE_VL	177	0,2%	2 246	0,2%
BESEINE_RW	2	0,0%	39	0,0%	
BG	BG1000	256	0,2%	27 295	2,3%
	BG2000	205	0,2%	3 090	0,3%
	BG3000	311	0,3%	10 860	0,9%
	BG4000	183	0,2%	2 837	0,2%
CY	CY001	204	0,2%	1 809	0,2%
CZ	CZ1000	298	0,3%	4 905	0,4%
	CZ5000	685	0,6%	11 358	1,0%
	CZ6000	138	0,1%	1 879	0,2%
DE	DE1000	721	0,6%	21 438	1,8%

Example: scroll down RBDs

By holding the mouse over “Pressure type group” a plus will appear



By clicking on the + the pressure group will expand to detailed pressures

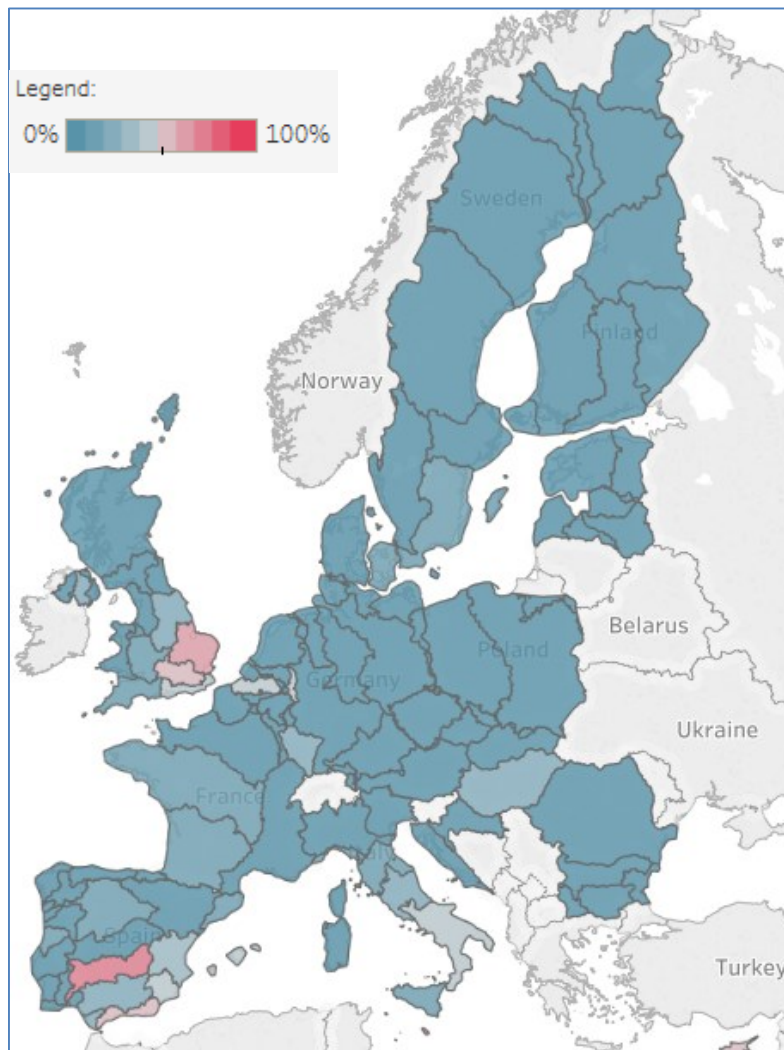
RBMP	Pressure type group	Pressure type	Number	
2nd	P1 - Point sources	P1-1 - Point - Urban waste water	13 495	68%
		P1-2 - Point - Storm overflows	4 869	25%
		P1-3 - Point - IED plants	3 077	15%
		P1-4 - Point - Non IED plants	2 479	12%
		P1-5 - Point - Contaminated sites or abandoned ind..	974	5%
		P1-6 - Point - Waste disposal sites	567	3%
		P1-7 - Point - Mine waters	386	2%
		P1-8 - Point - Aquaculture	486	2%
		P1-9 - Point - Other	1 958	10%
		(*)	19 860	100%
P2 - Diffuse sources	P2-1 - Diffuse - Urban run-off	3 417	8%	

Example: scroll down pressures

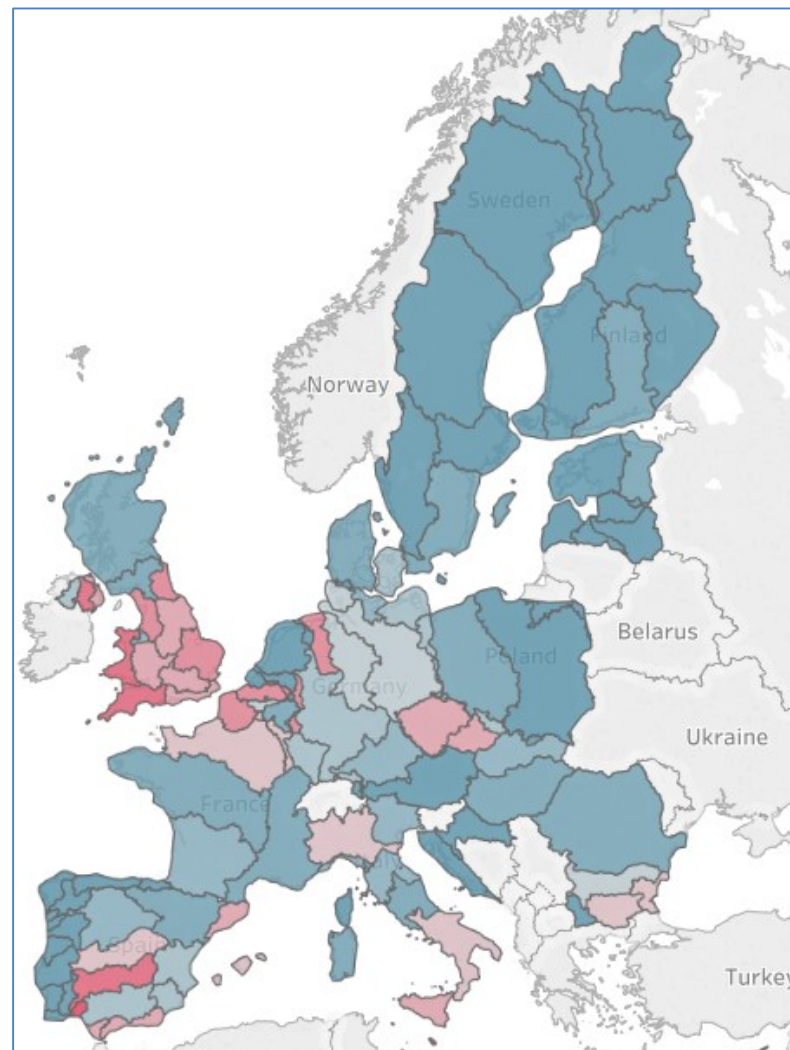


# Groundwater status (% water body area)

## Quantitative status



## Chemical status



# WISE-Freshwater WFD visualisation tool

Available at EEA homepage – and in WISE

European Environment Agency | Topics | Countries | Data and maps | Indicators | Publications | Media | About us | Networks

Data and maps | Dashboards | WISE Water Framework Directive

## WISE Water Framework Directive

Dashboard (Tableau) — Prod-ID: DAS-24-en — Published 13 Jun 2018

Topics: Water and marine environment

The WISE WFD database contains data from the 1st River Basin Management Plans reported by EU Members States according to article 13 of the Water Framework Directive (WFD). The dashboards include information about surface water bodies (number and size, water body category, ecological status or potential, chemical status, significant pressures and impacts) and about groundwater bodies (number and size, quantitative status, chemical status, significant pressures and impacts). The information is presented by country, river basin district (RBD) and river basin district sub-unit (where applicable). To facilitate future comparisons, the RBDs and subunits are those used in the 2nd River Basin Management Plans (RBMP). Information about the 2nd RBMPs will be published later in 2018.

← Undo → Redo | Revert | Refresh | Pause | Share | Download | Full Screen

SWB Statistics | SWB Category | SWB Ecological Status | SWB Chemical Status | SWB Pressures | SWB Impacts | GWB Statistics | GWB Quantitative Status | GWB Chemical Status | GWB Pressures | GWB Impacts

### Surface water bodies: Number and Size (1st RBMP)

Show:	RBMP	Number	% (Number)	Length	% (Length)	Area	% (Area)	median(Length)	median(Area)
Water bodies	1st	119 244	100.0%	1167 617	100.0%	424 540	100.0%	6.5	1.2
(All)	NUTS0	Number	% (Number)	Length	% (Length)	Area	% (Area)	median(Length)	median(Area)
Filter by:	AT	7 401	6.3%	7 401	0.6%	2 401	0.6%	1.2	0.2
Category	BE	560	0.5%	560	0.0%	1 560	0.4%	1.2	0.7
(All)	BG	759	0.6%	759	0.0%	1 759	0.4%	2.2	1.8
Type	CY	261	0.2%	261	0.0%	981	0.2%	6.6	28.2
(All)	CZ	1 140	1.0%	1 140	0.1%	250	0.1%	14.5	1.4
Filter by spatial unit:	DE	9 860	8.3%	9 860	0.8%	26 013	6.1%	8.3	1.3
Country	DK	15 988	13.4%	15 988	1.4%	43 915	10.3%	0.9	0.2
(All)	EE	750	0.6%	11 624	1.0%	16 495	3.9%	14.5	1.4
Filter by spatial unit:	ES	5 142	4.3%	83 152	7.1%	24 417	5.8%	12.7	1.3
Country	FI	6 153	5.2%	32 967	2.8%	60 982	14.4%	15.3	1.3
(All)	FR	11 523	9.7%	241 582	20.7%	31 554	7.4%	12.5	1.7
River basin district (RBD)	HR	1 315	1.1%	18 503	1.6%	14 066	3.3%	9.9	3.8
(All)	HU	1 082	0.9%	18 701	1.6%	1 178	0.3%	15.2	1.2
Sub-unit	IT	8 721	7.3%	83 034	7.1%	23 179	5.5%	8.1	6.2
(All)	LU	102	0.1%	1 196	0.1%			8.9	
Sub-unit	LV	470	0.4%	8 335	0.7%	3 026	0.7%	36.8	1.1
(All)	MT	9	0.0%			399	0.1%		38.0
	NL	724	0.6%	4 793	0.4%	15 690	3.7%	13.4	0.2
	PL	5 643	4.7%	111 510	9.6%	4 898	1.2%	14.8	1.0
	PT	1 945	1.6%	25 362	2.2%	18 198	4.3%	8.3	8.9
	RO	3 399	2.9%	79 451	6.8%	1 645	0.4%	13.1	1.8
	SE	23 418	19.6%	87 532	7.5%	65 651	15.5%	3.1	1.2

Summary for RBMP: 1st  
 Number: 119 244 water bodies  
 Length: 1 167 617 km  
 Area: 424 540 km<sup>2</sup>  
 median(Length): 6.5 km  
 median(Area): 1.2 km<sup>2</sup>

<https://www.eea.europa.eu/data-and-maps/dashboards/wise-wfd>

**Thanks also to Member States, Reporters, colleagues in DG Environment, ETC-ICM, Bilbomatica and at EEA, particularly Fernanda Nery and Caroline Whalley.**

**Questions?**



# Thank you for your attention

Many (+150) more dashboards and information on monitoring are available, see the following slides

## **Questions**

Peter.Kristensen@eea.europa.eu





## Surface water bodies: Number and Size

- Surface water bodies: Number and Size
- Surface water bodies: Number or Size, by Category
- Surface water bodies: Number or Size, by Category and Type (natural, heavily modified and artificial)

## Surface water bodies: Natural, heavily modified and artificial water bodies

- Surface water bodies: Natural, heavily modified and artificial water bodies, by category
- Surface water bodies: Natural, heavily modified and artificial water bodies, by country
- Surface water bodies: Natural, heavily modified and artificial water bodies, by category and country

## Surface water bodies: Physical alterations and designated water uses

- Surface water bodies: Physical alterations
- Surface water bodies: Designated water uses

## Surface water bodies: Delineation of the management units in the 2nd and 1st RBMP

- Surface water bodies: delineation of the management units in the 1st and 2nd RBMP

## Surface water bodies: Delineation of water bodies in the 2nd and 1st River Basin Management Plans (RBMP)

- Surface water bodies: Evolution type, by category
- Surface water bodies: Evolution type, by country
- Surface water bodies: Evolution type, by category and country

## Groundwater bodies

- Groundwater bodies: Number and Size (aquifer type, productivity)

## Groundwater bodies: Delineation of water bodies in the 2nd and 1st RBMP

- Groundwater bodies: Evolution type, by geological formation
- Groundwater bodies: Evolution type, by country
- Groundwater bodies: Evolution type, by geological formation and country

**Blue: Tables; Green: Graphs; Orange: Maps**



## Surface water bodies: Status

- Surface water bodies: Number and Size, by Ecological status or potential
- Surface water bodies: Number or Size, by Category and Ecological status or potential

## Surface water bodies: Ecological status or potential and chemical status

- Surface water bodies: Ecological status or potential and chemical status, by category
- Surface water bodies: Ecological status or potential and chemical status, by country
- Surface water bodies: Ecological status or potential and chemical status, by category and country

## Surface water bodies: Status maps

- Surface water bodies failing to achieve good status, by RBD
- Surface water bodies failing to achieve good status, by country
- Surface water bodies failing to achieve good status, by country and RBD

## Surface water bodies: Expected status

- Surface water bodies: Good ecological status expected in 2015
- Surface water bodies: Good ecological status expected achievement date

## Surface water bodies: Status assessment confidence

- Surface water bodies: Ecological status assessment confidence

## Surface water bodies: Ecological status or potential and chemical status assessment confidence

- Surface water bodies: Ecological status or potential and chemical status assessment confidence, by category
- Surface water bodies: Ecological status or potential and chemical status assessment confidence, by country
- Surface water bodies: Ecological status or potential and chemical status assessment confidence, by category and country

## Surface water bodies: Ecological status or potential in the 2nd and 1st RBMP

- Surface water bodies: Ecological status or potential, by category
- Surface water bodies: Ecological status or potential, by country
- Surface water bodies: Ecological status or potential, by category and country

*Ecological status: Intercalibration types, broad types and by sea regions*



## Surface water bodies: Quality element status

- Surface water bodies: Quality element status
- Surface water bodies: Quality element group status
- Surface water bodies: Quality elements with less than good status or with moderate, poor or bad status - overview

## Surface water bodies: Quality element status

- Surface water bodies: QE status, by category
- Surface water bodies: QE status, by quality element and category
- Surface water bodies: QE status, by quality element and country
- Surface water bodies: QE status, by quality element, category and country

## Surface water bodies: Quality element group status

- Surface water bodies: QE group status, by category
- Surface water bodies: QE group status, by quality element and category
- Surface water bodies: QE group status, by quality element and country
- Surface water bodies: QE group status, by quality element, category and country

## Surface water bodies: Quality element status in the 2nd and 1st RBMP

- Surface water bodies: QE status in the 2nd and 1st RBMP, by category
- Surface water bodies: QE status in the 2nd and 1st RBMP, by quality element and category
- Surface water bodies: QE status in the 2nd and 1st RBMP, by quality element and country
- Surface water bodies: QE status in the 2nd and 1st RBMP, by quality element, category and country

## Surface water bodies: Quality element group status in the 2nd and 1st RBMP

- Surface water bodies: QE group status in the 2nd and 1st RBMP, by category
- Surface water bodies: QE group status in the 2nd and 1st RBMP, by quality element and category
- Surface water bodies: QE group status in the 2nd and 1st RBMP, by quality element and country
- Surface water bodies: QE group status in the 2nd and 1st RBMP, by quality element, category and country



## Surface water bodies: Number of Quality Elements used in the assessment of the Ecological status or potential

- Surface water bodies: Number of quality element used, by category
- Surface water bodies: Number of quality element used, by country
- Surface water bodies: Number of quality element used, by category and country

## Surface water bodies: Ecological status or potential calculated from Quality Elements

- Surface water bodies: Ecological status or potential calculated from Quality Elements, by category
- Surface water bodies: Ecological status or potential calculated from Quality Elements, by country
- Surface water bodies: Ecological status or potential calculated from Quality Elements, by category and country

## Surface water bodies: River basin specific pollutants (RBSP)

- Surface water bodies: River basin specific pollutants
- Surface water bodies: River basin specific pollutants - overview
- Surface water bodies: River basin specific pollutants - other RBSP

## Surface water bodies: River basin specific pollutants

- Surface water bodies: River basin specific pollutants - causing failure

**Blue: Tables; Green: Graphs; Orange: Maps**



## Surface water bodies: Status

- Surface water bodies: Number and Size, by Chemical status
- Surface water bodies: Number or Size, by Category and Chemical status

## Surface water bodies: Ecological status or potential and chemical status

- Surface water bodies: Ecological status or potential and chemical status, by category
- Surface water bodies: Ecological status or potential and chemical status, by country
- Surface water bodies: Ecological status or potential and chemical status, by category and country

## Surface water bodies: Status maps

- Surface water bodies failing to achieve good status, by RBD
- Surface water bodies failing to achieve good status, by country
- Surface water bodies failing to achieve good status, by country and RBD

## Surface water bodies: Chemical status with and without uPBT

- Surface water bodies: Chemical status with and without uPBT, by category
- Surface water bodies: Chemical status with and without uPBT, by country
- Surface water bodies: Chemical status with and without uPBT, by country and category

## Surface water bodies: Chemical status in the 2nd and 1st RBMP

- Surface water bodies: Chemical status, by category
- Surface water bodies: Chemical status, by country
- Surface water bodies: Chemical status, by category and country

**Blue: Tables; Green: Graphs; Orange: Maps**

## Surface water bodies: Expected status

- Surface water bodies: Good chemical status expected in 2015
- Surface water bodies: Good chemical status expected achievement date

## Surface water bodies: Status assessment confidence

- Surface water bodies: Chemical status assessment confidence

## Surface water bodies: Ecological status or potential and chemical status assessment confidence

- Surface water bodies: Ecological status or potential and chemical status assessment confidence, by category
- Surface water bodies: Ecological status or potential and chemical status assessment confidence, by country
- Surface water bodies: Ecological status or potential and chemical status assessment confidence, by category and country

## Surface water bodies: Priority substances (PS)

- Surface water bodies: Priority substances
- Surface water bodies: Priority substances - overview

## Surface water bodies: Priority substances in the 2nd River Basin Management Plans

- Surface water bodies: Priority substances in the 2nd River Basin Management Plans - causing failure
- Surface water bodies: Priority substances in the 2nd River Basin Management Plans - improving chemical status

**Blue: Tables; Green: Graphs; Orange: Maps**



## Surface water bodies: Pressures and impacts

- Surface water bodies: Significant pressures
- Surface water bodies: Significant impacts
- Surface water bodies: Significant pressures reported as 'Other'
- Surface water bodies: Significant impacts reported as 'Other'

## Surface water bodies: Number of different pressures

- Surface water bodies: Number of pressures, by category
- Surface water bodies: Number of pressures, by country
- Surface water bodies: Number of pressures, by category and country
- Surface water bodies: Number of pressure groups, by category
- Surface water bodies: Number of pressure groups, by country
- Surface water bodies: Number of pressure groups, by category and country

## Surface water bodies: Number of different impacts

- Surface water bodies: Number of impacts, by category
- Surface water bodies: Number of impacts, by country
- Surface water bodies: Number of impacts, by category and country

## Missing

- **Graphs pressure groups**
- ***Groundwater bodies: Pressures and impacts***
  - Groundwater bodies: Significant pressures - Chart
  - Groundwater bodies: Significant impacts - Chart
- **Maps pressures and impacts**
- **Methodologies**

**Blue: Tables; Green: Graphs; Orange: Maps**



## Groundwater bodies: Status

- Groundwater bodies: Number or Size, by Quantitative status
- Groundwater bodies: Number or Size, by Geological formation and Quantitative status

## Groundwater bodies: Quantitative status and chemical status

- Groundwater bodies: Quantitative status and chemical status, by geological formation
- Groundwater bodies: Quantitative status and chemical status, by country
- Groundwater bodies: Quantitative status and chemical status, by geological formation and country

## Groundwater bodies: Status maps

- Groundwater bodies failing to achieve good status, by RBD
- Groundwater bodies failing to achieve good status, by country
- Groundwater bodies failing to achieve good status, by country and RBD

## Groundwater bodies: Quantitative status in the 2nd and 1st RBMP

- Groundwater bodies: Quantitative status, by geological formation
- Groundwater water bodies: Quantitative status, by country
- Groundwater water bodies: Quantitative status, by country and geological formation

**Blue: Tables; Green: Graphs; Orange: Maps**





## Groundwater bodies: Status assessment confidence

- Groundwater bodies: Quantitative status assessment confidence

## Groundwater bodies: Quantitative status and chemical status assessment confidence

- Groundwater bodies: Quantitative status and chemical status assessment confidence, by geological formation
- Groundwater bodies: Quantitative status and chemical status assessment confidence, by country
- Groundwater bodies: Quantitative status and chemical status assessment confidence, by geological formation and country

## Groundwater bodies: Expected status

- Groundwater bodies: Good quantitative status expected in 2015
- Groundwater bodies: Good quantitative status expected achievement date

## Groundwater bodies: Reasons for failure

- Groundwater bodies: reasons for failure to achieve good quantitative status
- Groundwater bodies: reasons for failure to achieve good quantitative status - overview

## Missing

- Groundwater bodies at risk
- Methodologies
- ?

**Blue: Tables; Green: Graphs; Orange: Maps**



## Groundwater bodies: Status

- Groundwater bodies: Number or Size, by Chemical status
- Groundwater bodies: Number or Size, by Geological formation and Chemical status

## Groundwater bodies: Quantitative status and chemical status

- Groundwater bodies: Quantitative status and chemical status, by geological formation
- Groundwater bodies: Quantitative status and chemical status, by country
- Groundwater bodies: Quantitative status and chemical status, by geological formation and country

## Groundwater bodies: Status maps

- Groundwater bodies failing to achieve good status, by RBD
- Groundwater bodies failing to achieve good status, by country
- Groundwater bodies failing to achieve good status, by country and RBD

## Groundwater bodies: Chemical status in the 2nd and 1st RBMP

- Groundwater water bodies: Chemical status, by geological formation
- Groundwater water bodies: Chemical status, by country
- Groundwater water bodies: Chemical status, by country and geological formation

**Blue: Tables; Green: Graphs; Orange: Maps**



## Groundwater bodies: Status assessment confidence

- Groundwater bodies: Chemical status assessment confidence

## Groundwater bodies: Quantitative status and chemical status assessment confidence

- Groundwater bodies: Quantitative status and chemical status assessment confidence, by geological formation
- Groundwater bodies: Quantitative status and chemical status assessment confidence, by country
- Groundwater bodies: Quantitative status and chemical status assessment confidence, by geological formation and country

## Groundwater bodies: Expected status

- Groundwater bodies: Good chemical status expected in 2015
- Groundwater bodies: Good chemical status expected achievement date

## Groundwater bodies: Reasons for failure

- Groundwater bodies: reasons for failure to achieve good chemical status
- Groundwater bodies: reasons for failure to achieve good chemical status - overview

## Groundwater bodies: Pollutants

- Groundwater bodies: Pollutants
- Groundwater bodies: Pollutants - Overview
- Groundwater bodies: Pollutants - Trend reversal
- Groundwater bodies: Pollutants - Upward trend
- Groundwater bodies: Pollutants - other pollutants

**Blue: Tables; Green: Graphs; Orange: Maps**

## Groundwater bodies: Pressures and impacts

- Groundwater bodies: Significant pressures - Overview
- Groundwater bodies: Significant impacts - Overview
- Groundwater bodies: Significant pressures
- Groundwater bodies: Significant impacts
- Groundwater bodies: Significant pressures reported as 'Other'
- Groundwater bodies: Significant impacts reported as 'Other'

## Groundwater bodies: Pressures and impacts

- Groundwater bodies: Significant pressures - Chart
- Groundwater bodies: Significant impacts - Chart

## Missing

- **Groundwater bodies: Number of different pressures**
- **Maps pressures and impacts**
- **Methodologies**

**Blue: Tables; Green: Graphs; Orange: Maps**