WISE-6 data flow
Overview of reporting and data

Gašper Šubelj | WISE-6 webinar 2023 | 04/10/2023

Lake Šator, Bosnia and Herzegovina © Gašper Šubelj, ETC BE, 2023

WISE SoE: volume of data sets

Legend: ■ Quality (3 tables, 73 086 001 records) ■ Quantity (7 tables, 5 590 757 records) ■ Biology (3 tables, 66 399 records) ■ Emissions (3 tables, 135 220 records)
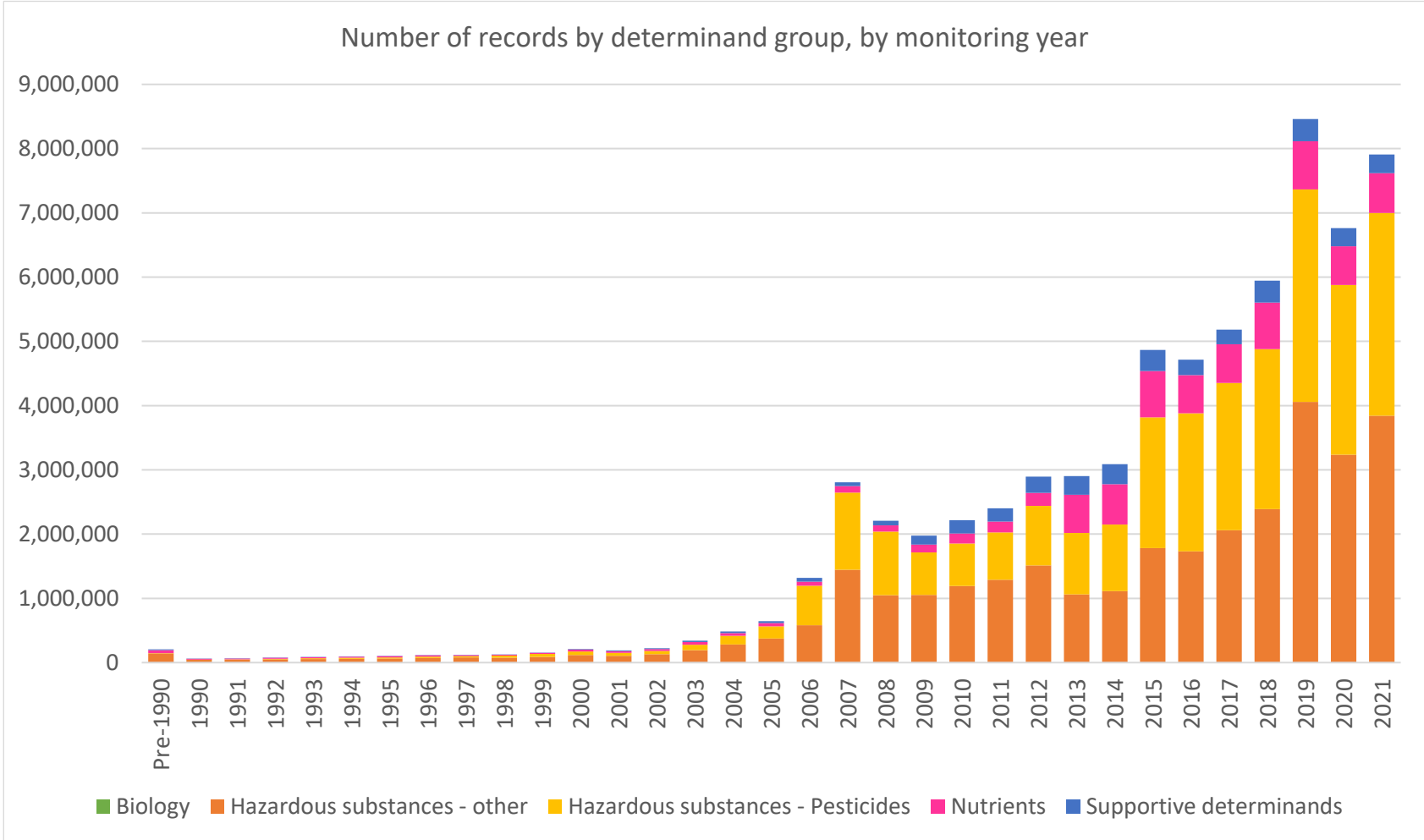
Disaggregated data

Aggregated data

Monitoring data

Source: Waterbase Water Quality ICM, 2022

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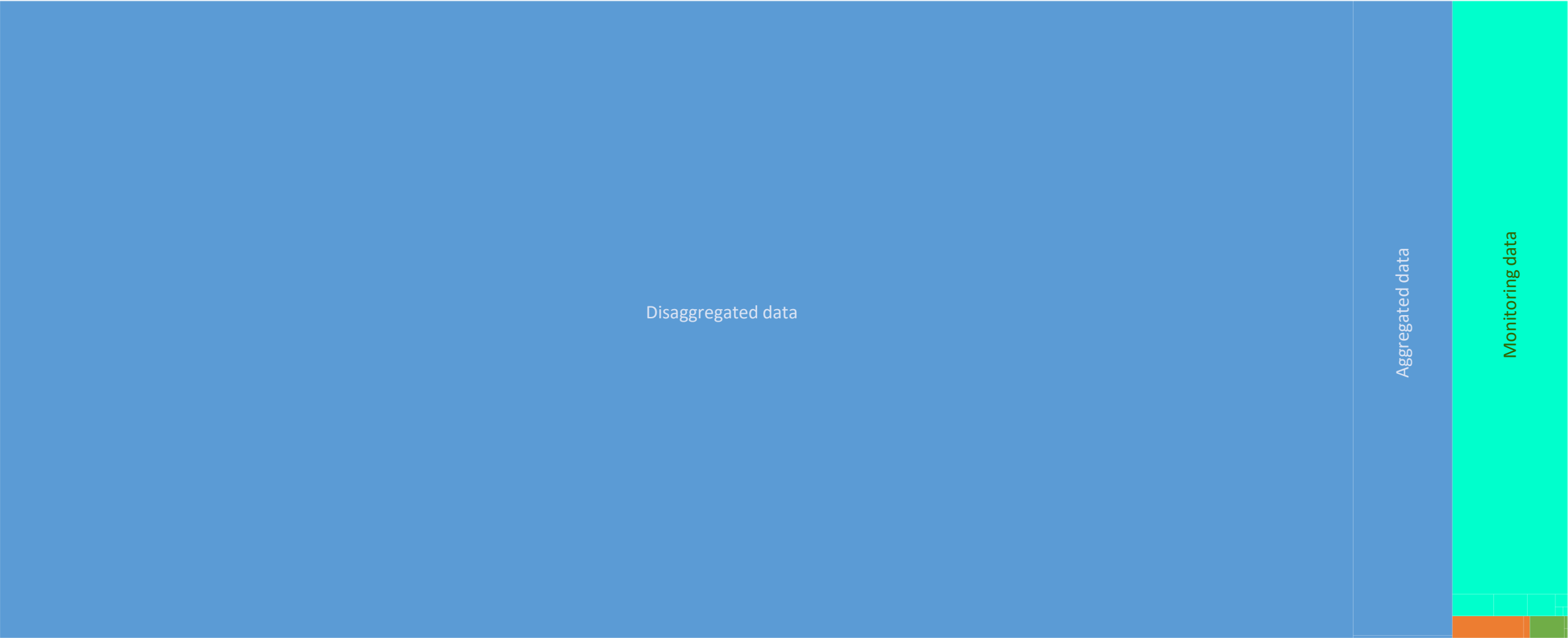
WISE6: Determinands by group

Determinand group	Number of determinands
■ Biology	6
■ Hazardous substances – other	563
■ Hazardous substances – Pesticides	259
■ Nutrients	27
■ Supportive determinands	9

Number of records by determinand group, by monitoring year

■ Biology ■ Hazardous substances - other ■ Hazardous substances - Pesticides ■ Nutrients ■ Supportive determinands

Source: Waterbase Water Quality ICM, 2022 | **Note:** Only records from DisaggregatedData table are shown on this figure.

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WISE6: Data reported for monitoring year 2021

Waterbody category	Monitoring sites		Determinands		Countries	
	Number	% of the previous monitoring year (2020)	**Number**	% of the previous monitoring year (2020)	**Number**	% of the previous monitoring year (2020)
Groundwater	**14526**	97%	**764**	105%	**21**	84%
River water	**10928**	105%	**733**	106%	**31**	94%
Lake water	**1717**	101%	**669**	106%	**24**	92%
Coastal water	**590**	85%	**446**	99%	**8**	73%
Transitional water	**342**	90%	**475**	95%	**11**	92%
Territorial water	**1**	50%	**3**	2%	**1**	50%

Source: Waterbase Water Quality ICM, 2022

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WISE6:Data reported for monitoring year 2021

14 526 groundwater monitoring sites reported.

Groundwater monitoring site 2021

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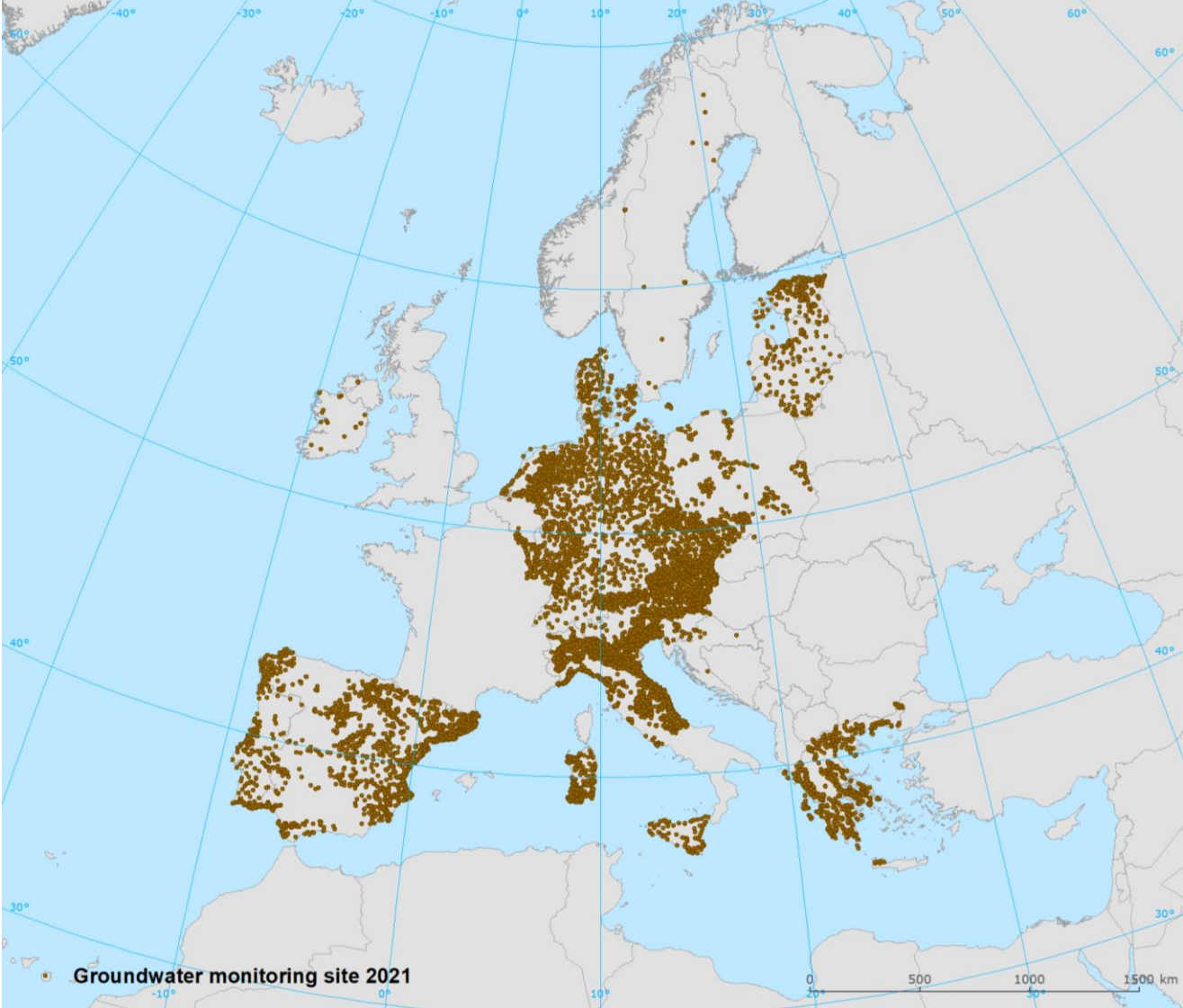
WISE6: Data reported for monitoring year 2021

10 928 river monitoring sites reported.

River monitoring site 2021

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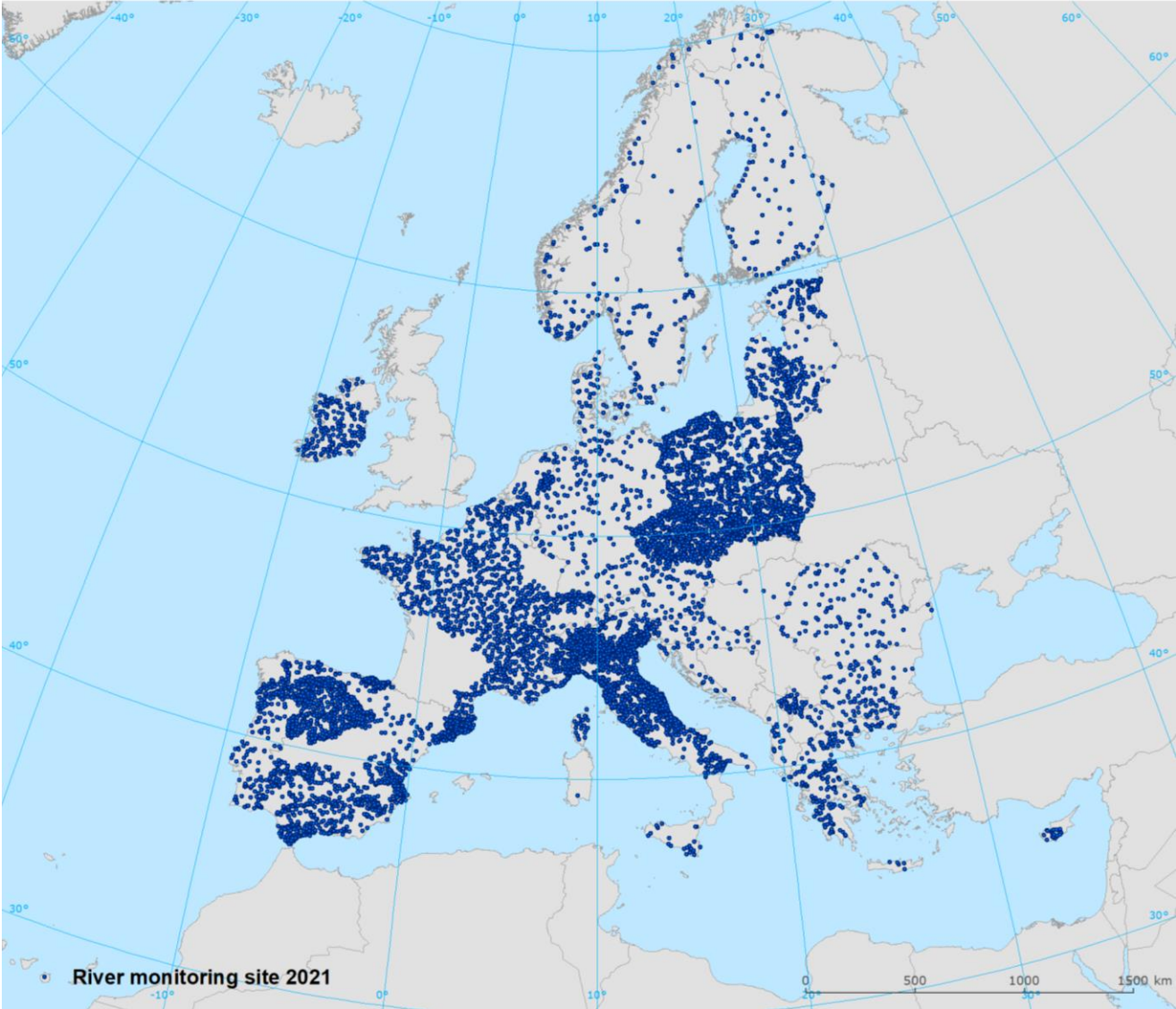
WISE6: Data reported for monitoring year 2021

1717 lake monitoring sites reported.

Lake monitoring site 2021

0   500   1000   1500 km

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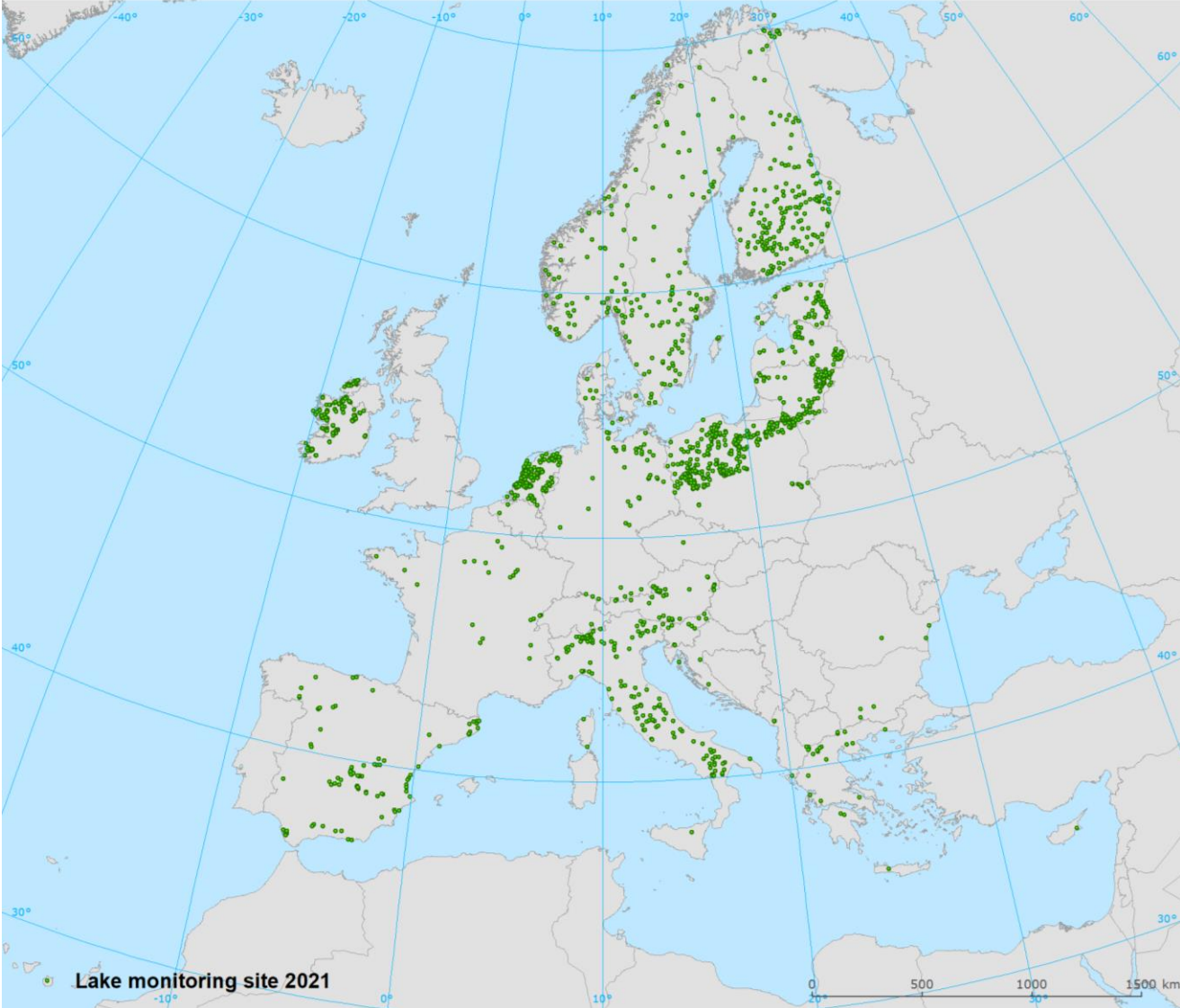
WISE6: Time series

54 983 monitoring sites reported any of the 15 most reported determinands, for any year since 2010. **Only 48% of these reported any of these data for 2021.**

570 791 time series can be composed of these data. **Less than half are directly used for the trend analysis.**

Time series by continuity, period 2010-2021

- ■ Continuous time series - throughout the selected period 2010-2021
- ■ Continuous time series - started to be reported after 2010
- ■ Discontinuous time series - interpolation possible
- ■ Continuous time series - ceased to be reported before 2021
- ■ Discontinuous time series - interpolation not possible
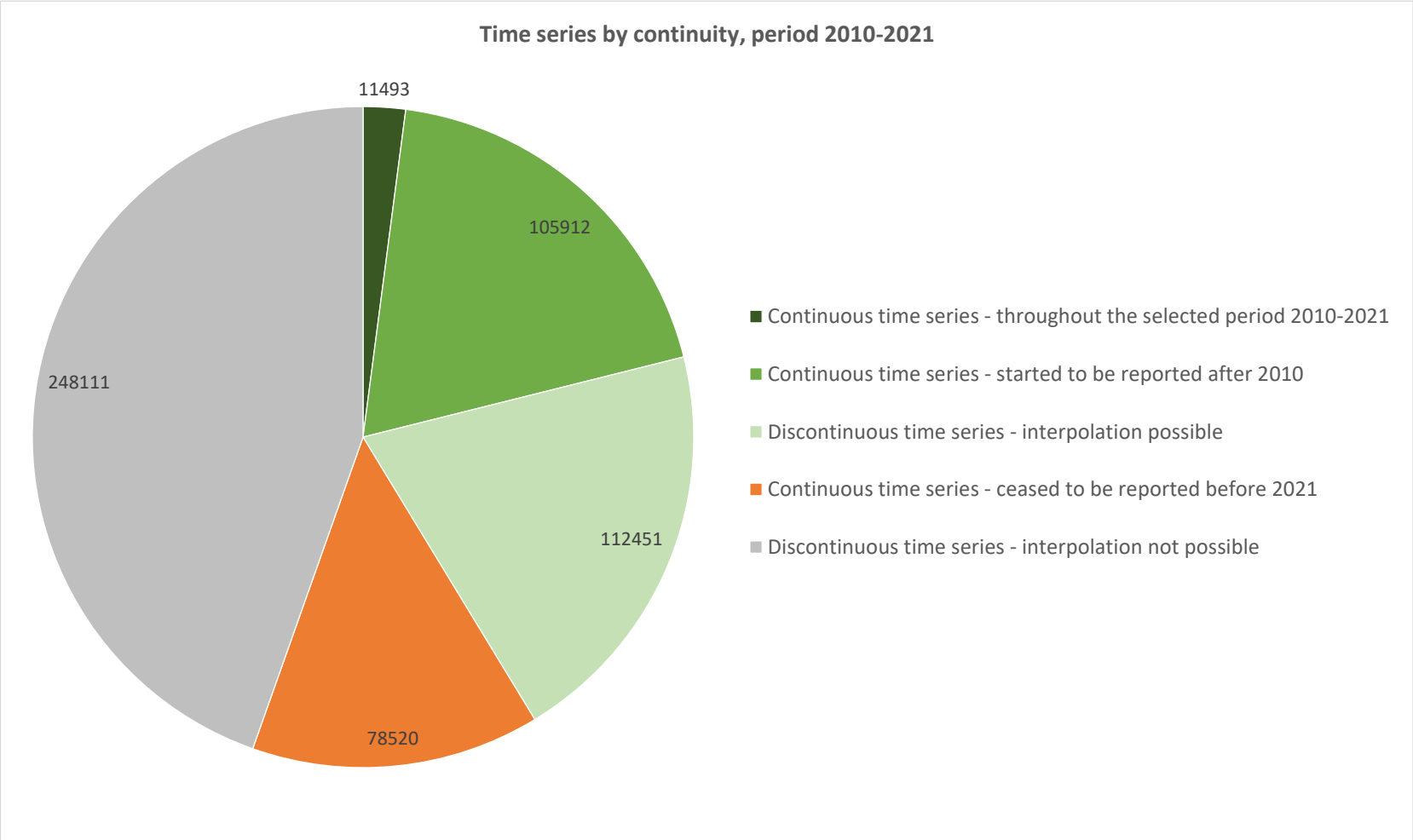
Source: Waterbase Water Quality ICM, 2022 | **Note:** Time series assessment based on 15 most reported determinands; time series means a set of annual data points for a monitoring site, for a determinand.

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Browsing WISE-6 data
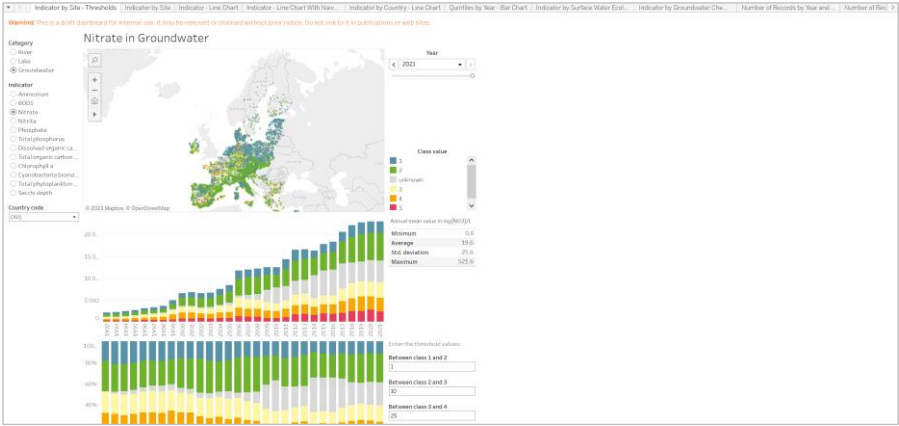
Data dashboards for visualisation of aggregated data sets.

AggregatedData_2021

AggregatedDataByWaterBody_2021

AggregatedData_Pesticides_2021

Discodata table browser for querying, filtering, and downloading raw data.

https://discodata.eea.europa.eu/

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