

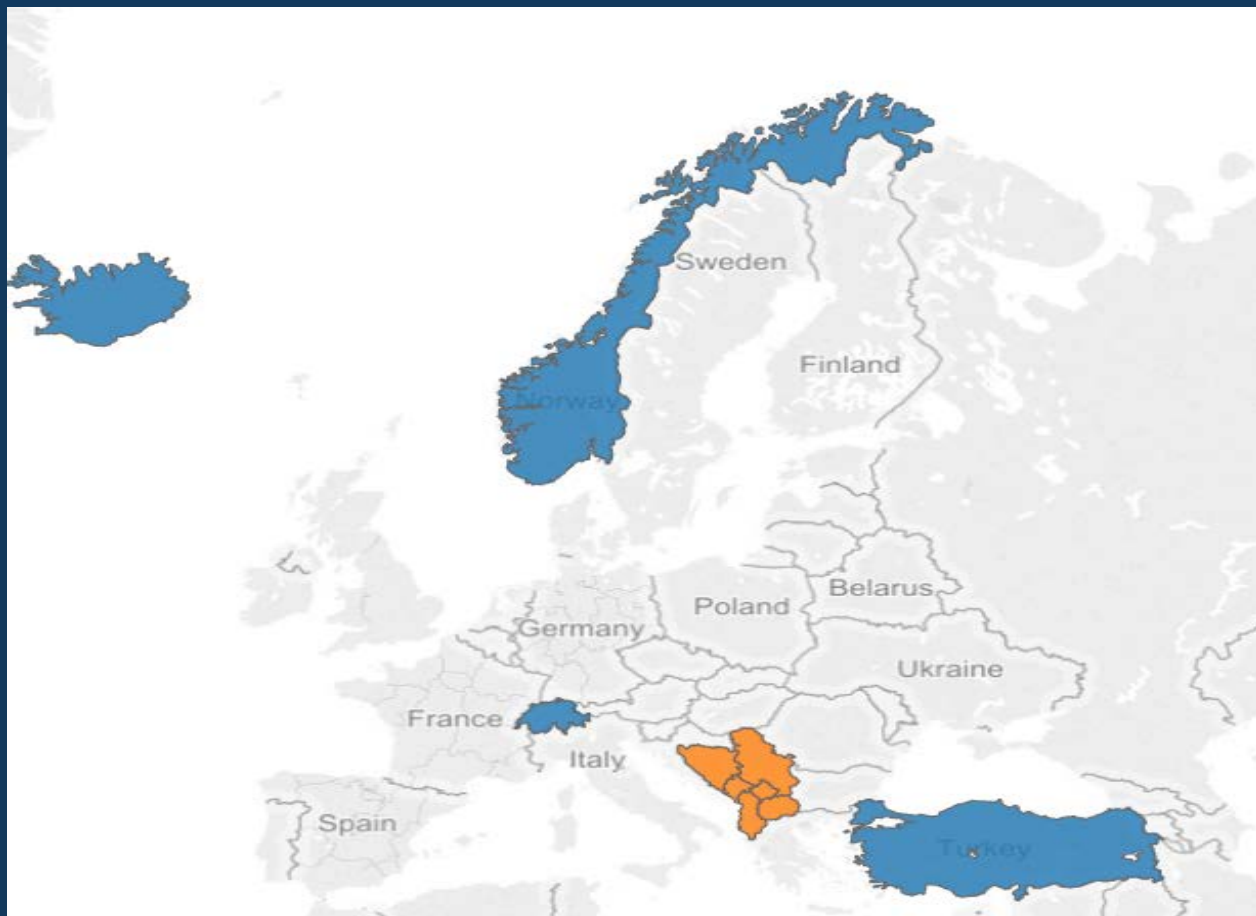
## Session 4: Special session for non-EU countries regarding ecological/- chemical status assessments and spatial data

# EEA needs for spatial data (RBD, water bodies) and reporting issues

- What is in place?
- What would we like to have?
- How can we support you in delivery of data?



# non-EU countries



- CH Switzerland
- IS Iceland\*
- NO Norway\*
- LI Liechtenstein
- TR Turkey
- AL Albania
- BA Bosnia and Herzegovina
- ME Montenegro
- MK Macedonia
- RS Serbia
- XK Kosovo (under UNSCR 1244/99)

\* Report under WFD



# Spatial data available for non EU-countries

Code	Country	Spatial data			Surfacewater	Groundwater
		RBD	SU	MonitoringSites	Waterbodies	Waterbodies
CH	Switzerland	X	X	X	X	X
IS	Iceland*	X	X	X		
LI	Liechtenstein	X	X	X		
MC	Monaco	X	X			
NO	Norway*	X	X	X		
TR	Turkey			X		
AL	Albania			X		
BA	Bosnia and Herzegovina			X		
ME	Montenegro			X		
MK	Macedonia			X		
RS	Serbia			X		
XK	Kosovo (under UNSCR 1244/99)			X		

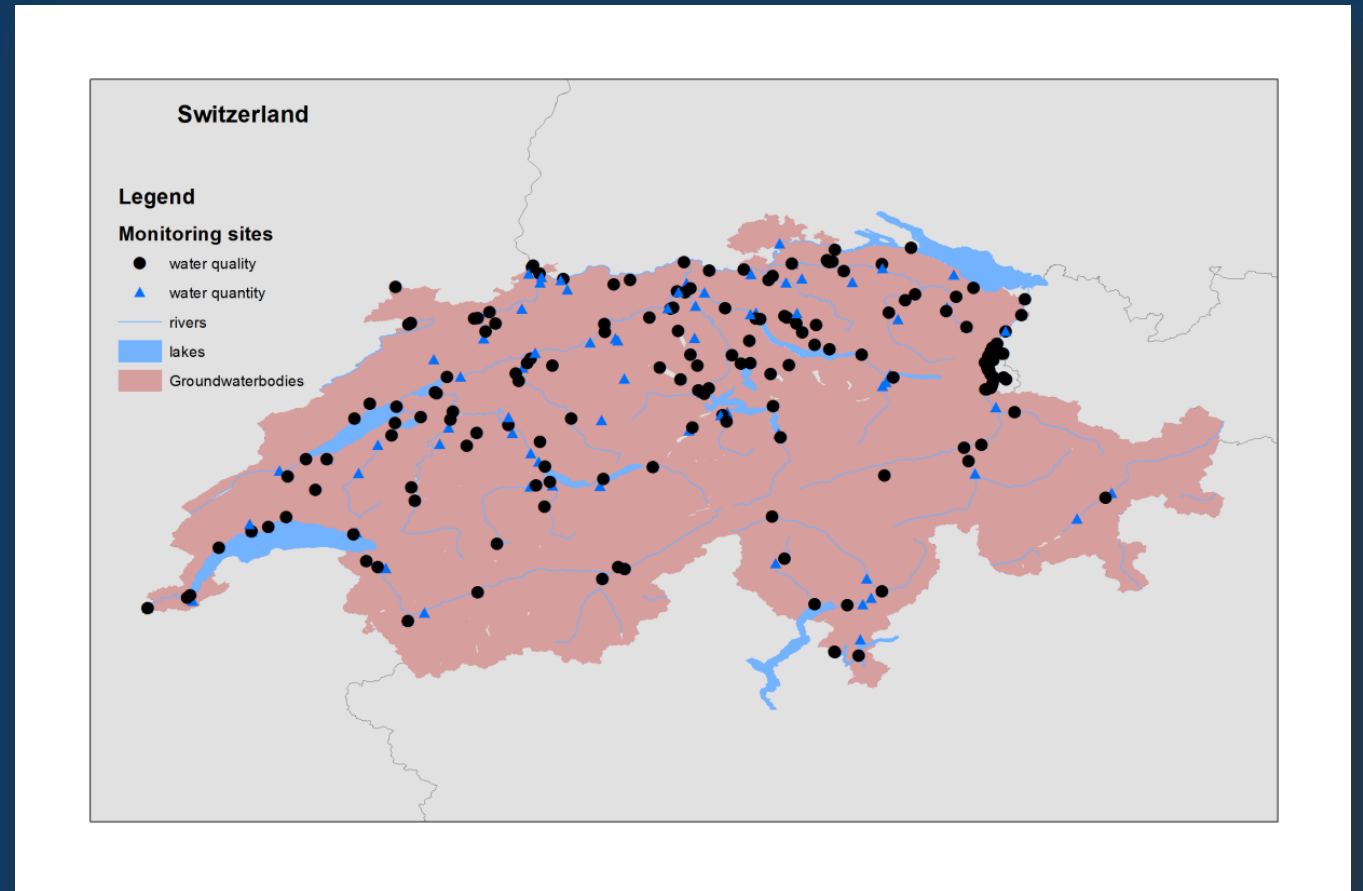
\* Report under WFD



# Country specific remarks

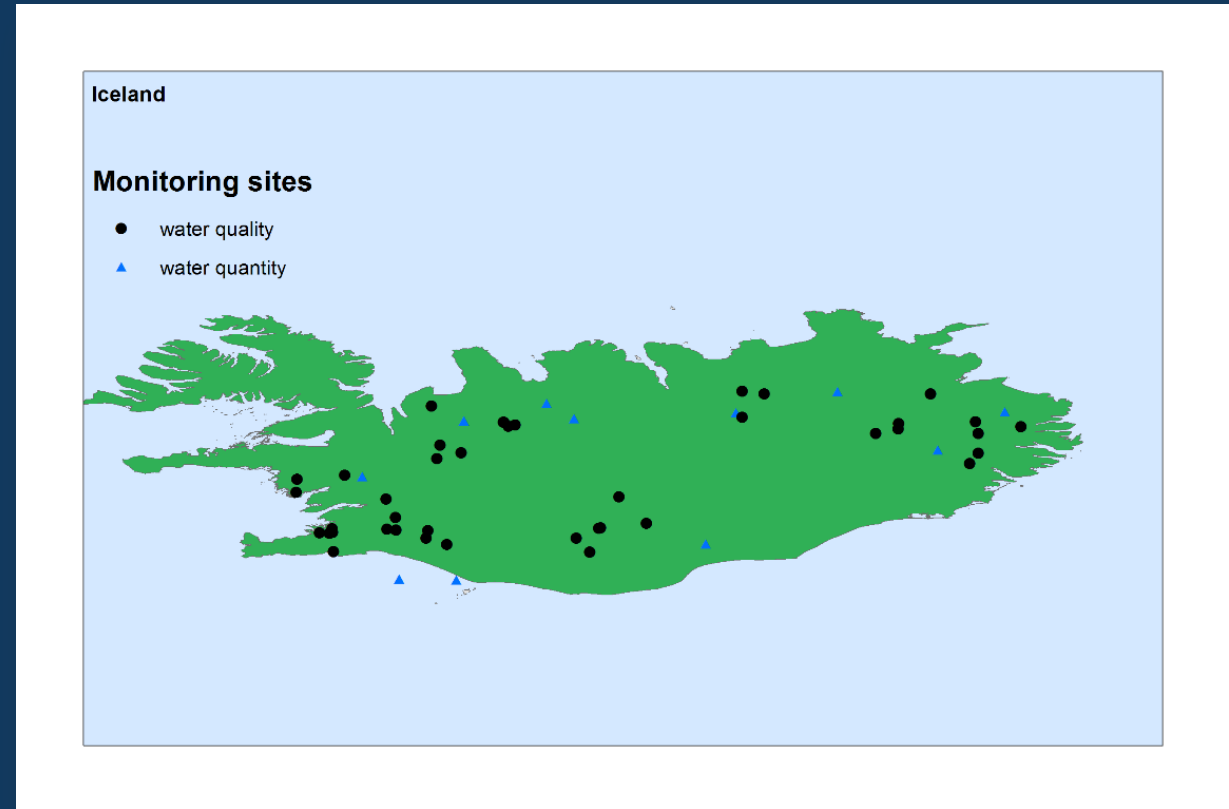
- Switzerland

- Discussion about identifiers (third position character)
- Waterbodies from 2007 WFD envelope (derived from the shapes)
- RBDs and SubUnits are from the last available version of spatial units



# Country specific remarks

- Iceland
  - No waterbodies available
  - Only one RBD for Iceland
  - Tickets: Iceland send a list of monitoring sites; some clarification is needed



# Country specific remarks

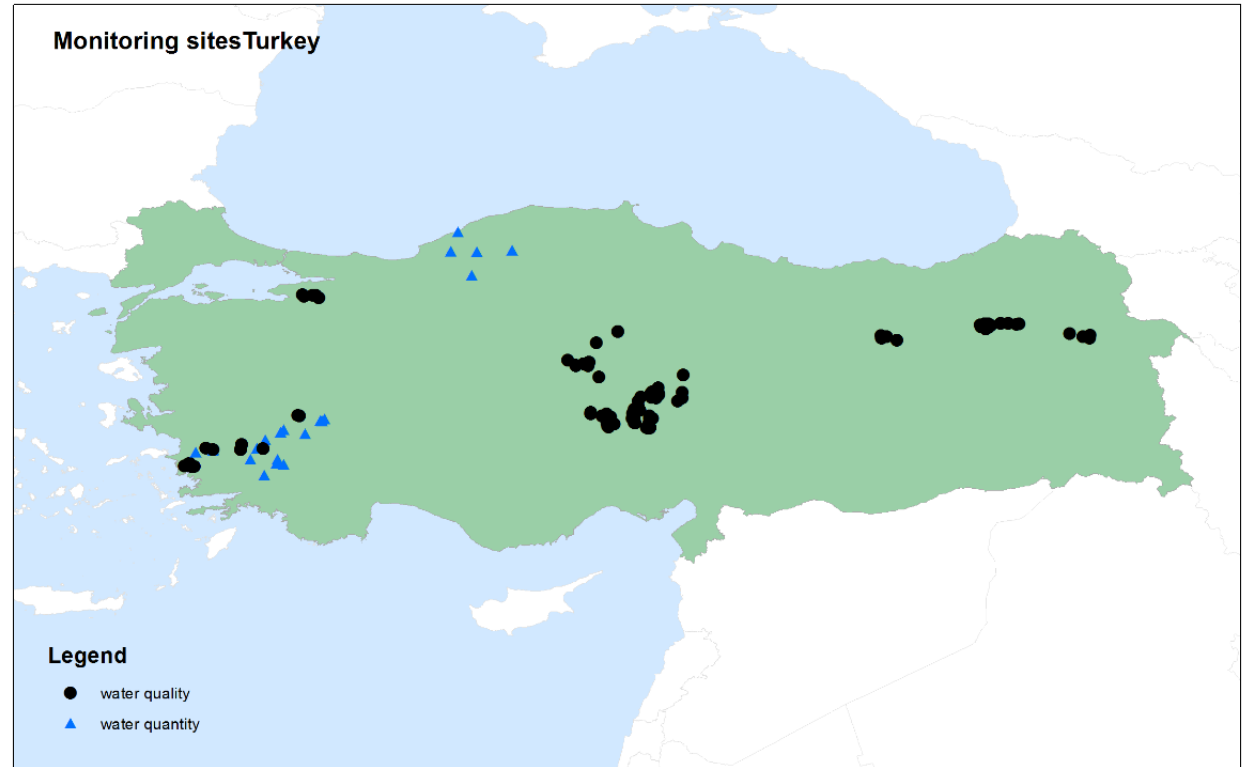
- Liechtenstein
  - No waterbodies available



# Country specific remarks

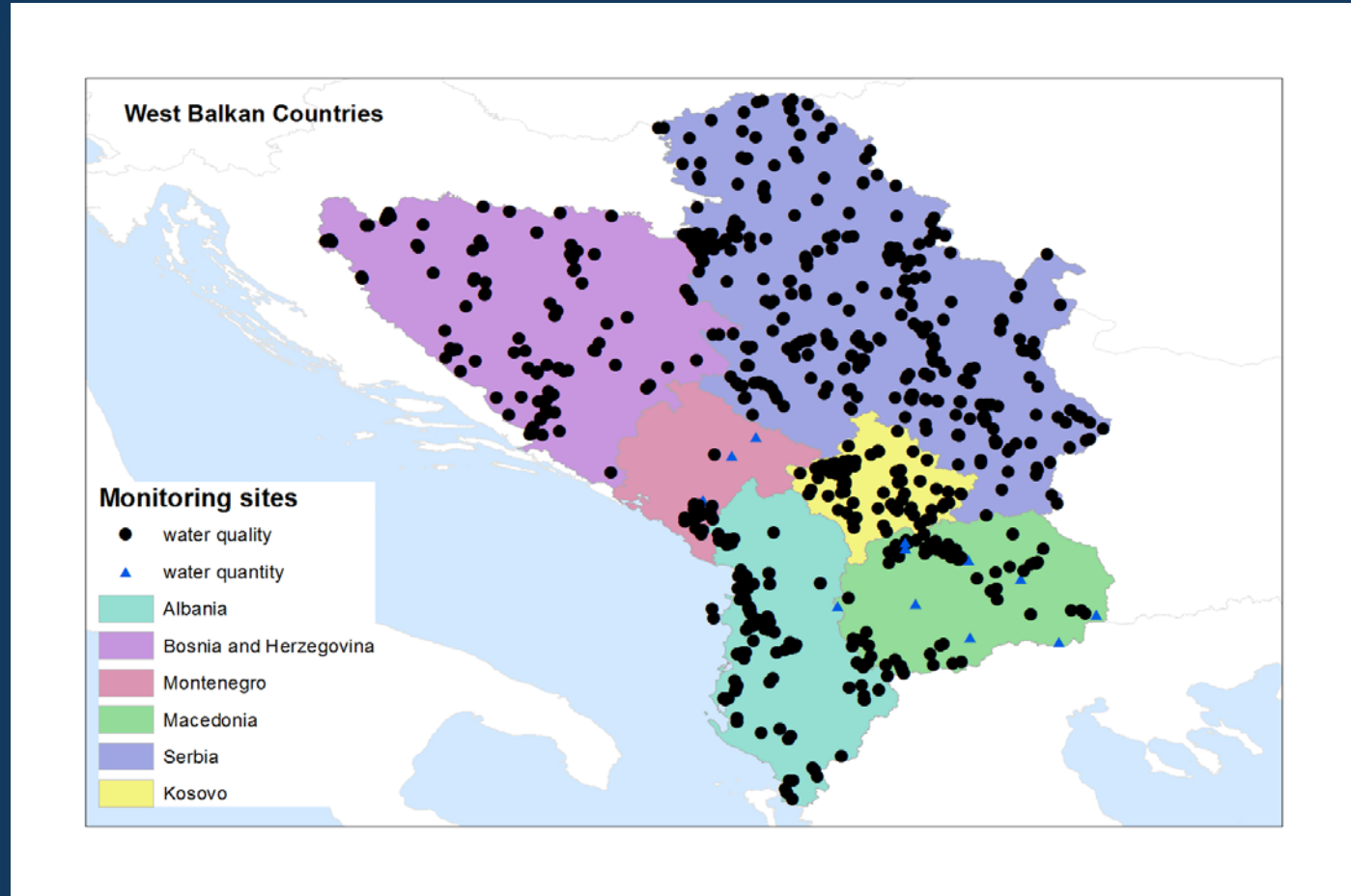
- Turkey

- Only Monitoring sites available
- Maybe there is information available in ECRINS?
  - River network



# Country specific remarks for West Balkan countries

- Albania, Bosnia and Herzegovina, Montenegro, Macedonia, Serbia, Kosovo
  - Only Monitoring sites available





# What is expected to be reported by countries?

- RBD's, SubUnits, Waterbodies, Monitoring sites
- Must be reported under WISE-5
- Format must be follow the rules given in the GIS Guidance [http://cdr.eionet.europa.eu/help/WFD/WFD\\_521\\_2016/GISGuidance/WISE\\_GISGuidance.pdf](http://cdr.eionet.europa.eu/help/WFD/WFD_521_2016/GISGuidance/WISE_GISGuidance.pdf)
- All „how to” information is given in CDR help section of WISE-5



# How can EEA/ETC support the delivery of spatial data?

- The available information (monitoring sites) can be provided as shape and GML
- ETC provides support if you upload data in reportnet and BLOCKERs appear during automatic spatial QC that cannot be solved by countries



# Activities from the past to support West Balkan countries in reporting (spatial) data

- 2011: Service contract to support to West Balkan countries on WISE water reporting
- 2012/2013: Service contract: Extension of the work of ETC/ICM to the West Balkan countries
- Both contracts included country visits and regional workshops

“The ETC partners assist the countries by providing advice and training, as well as relevant updated templates and tools, and by processing and storing the data in particular for the water quality data flows and continue to focus on more management relevant data flows on water quantity and water emissions. The WB countries receive support for developing the national monitoring and reporting systems in order to report according to WISE needs with the necessary quality assurance and timeliness.”

...

“The aim is to establish a regular annual data exchange system with data being reported in the relevant formats and GIS shape files.”



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Thank you for your attention!



# Examples for collaboration between countries

- **NORDIC COLLABORATION ON IMPLEMENTATION OF THE WATER FRAMEWORK DIRECTIVE**

<http://www.vannportalen.no/globalassets/nasjonalt/dokumenter/publikasjoner/arkiv/2013/nordic-collaboration-on-implementation-of-the-water-framework-directive---status-and-further-challenges-2013.pdf>

A major outcome of the Nordic collaboration project is that:

- Examples of best practice for implementations of various articles of WFD are identified between countries.
- Similar challenges and issues are handled in other countries, and solutions partly solved with different approaches, which needs administrative, scientific or environmental solutions.
- The similarities are more common than the differences.
- A common interpretation, handling and approach is more accepted than a single country approach
- Further common development of e.g. monitoring, classification, measures and ICT are needed

- **Initiative from German speaking countries (DE, AT, CH): workshop on SoE reporting**



# Reported under WISE-4 during 2015 data call

Code	Country	AggregatedData	DisaggregatedData	AggregatedByWaterbody
CH	Switzerland			
IS	Iceland	x	x	
LI	Liechtenstein			
TR	Turkey	x		
AL	Albania		x	
BA	Bosnia and Herzegovina			
ME	Montenegro			
MK	Macedonia		x	
RS	Serbia		x	
XK	Kosovo (UNSCR 1244)		x	

