

# Pouring coastal water on Wikidata

## Can we add more?

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# Pouring coastal water on Wikidata

Can we add more?



- Round
- Technical walkthrough
- What is ecological status?
- Challenges



# Agenda

# SMHI + Wikidata

- Worked together with Wikimedia Sverige
- Goal: make the environmental information about Sweden's **coastal water bodies** more accessible to the public
- Builds upon an earlier project about lakes



**WIKIMEDIA**  
SVERIGE

# What we achieved

- **653** new Wikidata items: coastal water bodies [<https://w.wiki/7Df>]
- **Discussion** with Swedish Wikipedians about how to best model them
- Wikipedia **articles** about water body management, coastal water bodies etc.
- On-wiki **documentation** for maximum transparency



# Wikidata powered infobox

[https://sv.wikipedia.org/wiki/Template:Faktamall\\_kustvattenforekomst\\_WD](https://sv.wikipedia.org/wiki/Template:Faktamall_kustvattenforekomst_WD)

<https://sv.wikipedia.org/wiki/Kungsbackafjorden>

Fjorden bedömdes inom [Sveriges vattenförvaltning](#) baserat på förvaltningscykeln år 2004-2009 att ha otillfredsställande ekologisk status. Detta var tack vare att tillståndet hos den bottenlevande [faunan](#) var otillfredsställande. Även om tillståndet hos bottenfaunan i yttre Kungsbackafjorden verkar ha förbättrats under den senaste tiden och statusen ökat till måttlig, kvarstår miljöproblem som miljögifter och övergödning i både yttre och inre Kungsbackafjorden. <sup>[6]</sup> <sup>[7]</sup>

**Referenser** [ redigera | redigera wikitext ]

**Fotnoter** [ redigera | redigera wikitext ]

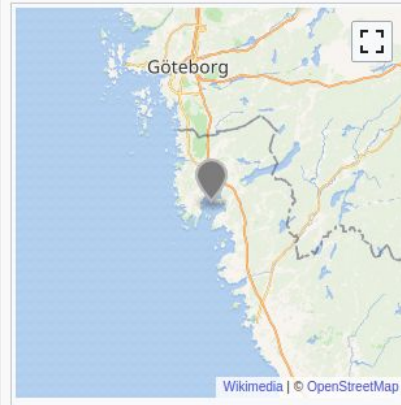
- ↑ Nordisk Familjebok , från Projekt Runeberg
- ↑ [a b] *Vattendirektivet - 2016 rapportering - Sverige*, licens: CC0
- ↑ [a b] *Geografisk indelning Direkt v1.0.0*
- ↑ [a b] *Vattendirektivet - 2016 rapportering - Sverige*, läs online , licens: CC0
- ↑ [a b c d e f g h] *Vattendirektivet - 2016 rapportering - Sverige*, läs online , licens: CC0
- ↑ ”Yttre Kungsbackafjorden”. [VISS]. Läst 10 juli 2019.
- ↑ ”Inre Kungsbackafjorden”. [VISS]. Läst 10 juli 2019.

**Källor** [ redigera | redigera wikitext ]

- Kungsbacka kommuns webbplats
- Länsstyrelsen i Halland  Om naturreservatet

## Kungsbackafjorden

### Kustvattenförekomster



**Inre Kungsbackafjordens kustvattenförekomst**  
([SE572472-120302](#)), **VISS: 572472-120302**

<b>Kommun</b>	Kungsbacka kommun <sup>[2][3]</sup> (Sverige)
<b>Areal</b>	18 487 304 kvadratmeter <sup>[4]</sup>
<b>Miljöpåverkan</b>	kemisk förorening <sup>[5]</sup> och övergödning <sup>[5]</sup>
<b>WFD status</b>	WFD Ekologisk status: Otillfredsställande <sup>[5]</sup> ; WFD Kemisk status: Otillfredsställande <sup>[5]</sup>

**Yttre Kungsbackafjordens kustvattenförekomst**  
([SE572135-120141](#)), **VISS: 572135-120141**

<b>Kommun</b>	Kungsbacka kommun <sup>[2][3]</sup> (Sverige)
<b>Areal</b>	30 239 061 kvadratmeter <sup>[4]</sup>
<b>Miljöpåverkan</b>	kemisk förorening <sup>[5]</sup> och övergödning <sup>[5]</sup>
<b>WFD status</b>	WFD Ekologisk status: Måttlig <sup>[5]</sup> ; WFD Kemisk status:

# How we did it

- SMHI's in-house developer received Wikidata training from WMSE
- By letting the person who knew the data best work with it, we reduced the risk of things going wrong
- QuickStatements and Wikidata Query Service were used extensively
- Challenge: a lot of the know-how and best practices required personal contact and just-in-time knowledge transfer – the documentation was not enough!

## WFD status

High

Good

Moderate

Poor

Bad

Feröyar

Norge

Sverige

Stockholm

Suomi

Санкт-Петербург

Eesti

Latvija

Danmark

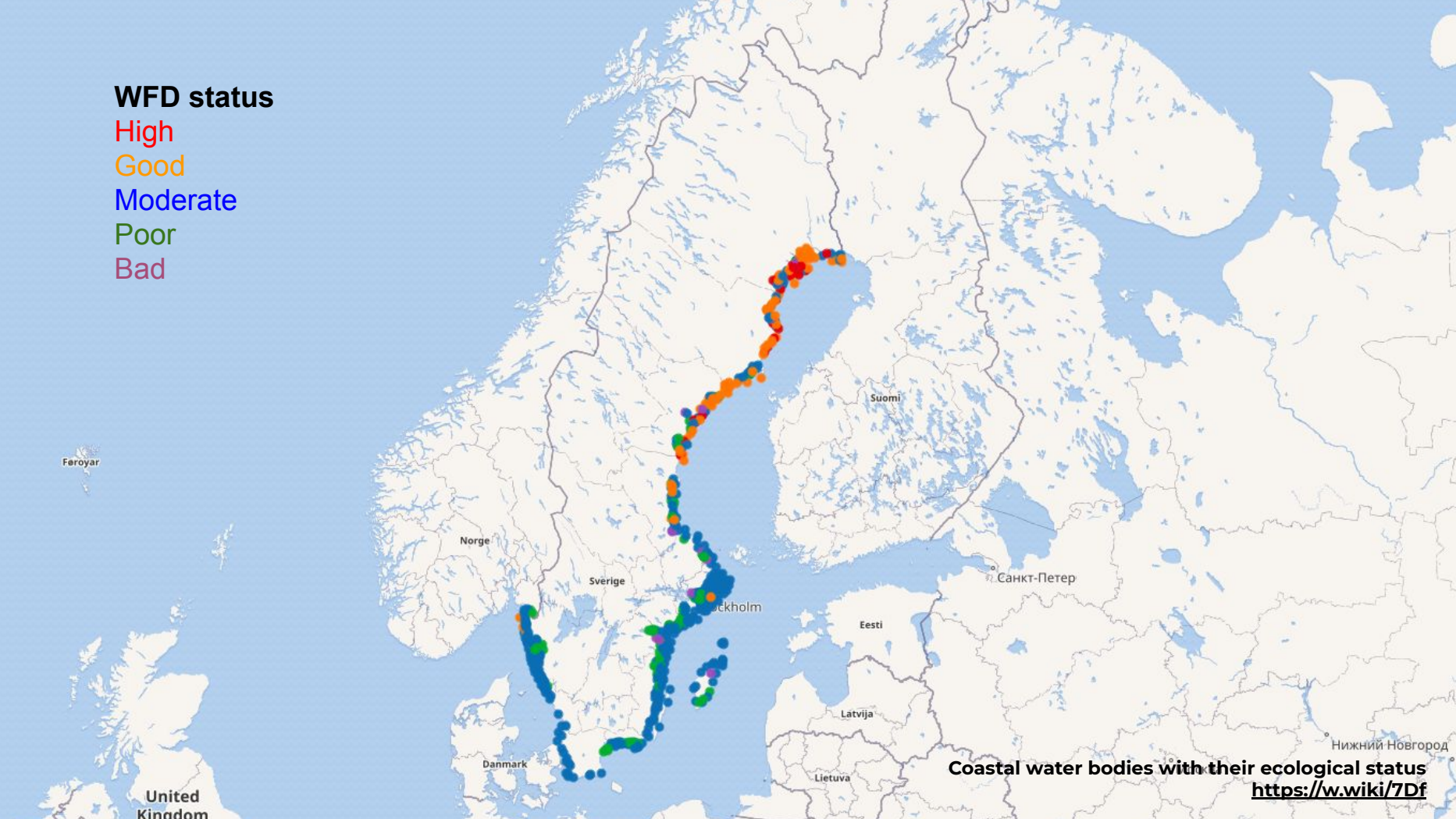
Lietuva

Нижний Новгород

Каз

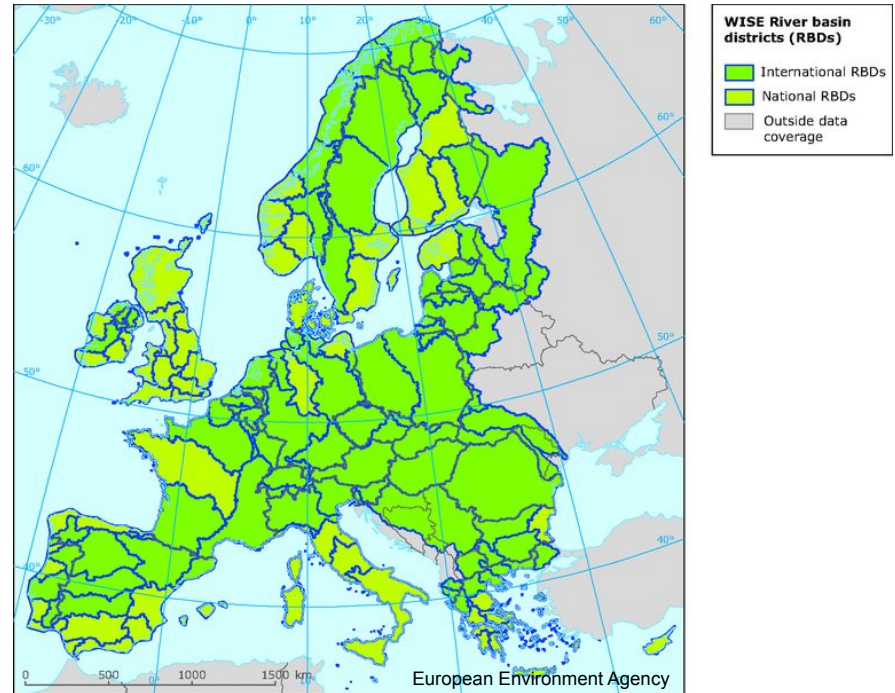
United  
Kingdom

Coastal water bodies with their ecological status  
<https://w.wiki/7Df>








# Water quality management



# Data mining

Division into countries and water districts

European Environment Agency  Login   >> Eionet portal

## EIONET Central Data Repository

You are here: Eionet > CDR

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- >> Global worklist
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The Eionet password expires two years after it was last changed.

The Central Data Repository is part of the Reportnet architecture. The Central Data Repository is like a bookshelf, with data reports on the environment as submitted to international clients.

Each country either has a collection  for its deliveries or a referral  to a different preferred repository. The data reports within each country collection are arranged under the relevant reporting obligations or agreements.

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<a href="#">Turkmenistan</a>	<a href="#">Ukraine</a>	<a href="#">Uzbekistan</a>

International organisations

- [European Red List of birds](#)
- [European Union](#)

### Global worklist

- [Search by obligation](#)
- [Search for feedback](#)
- [Search XML files](#)
- [Recent uploads](#)

[FI Habitat directive report \(FI\) 2013-2018 - Redelivery](#)

[BE 20190322](#)

[SK Fuel quality report, 2018](#)

[BG Data Flow R 2018 BG](#)

[LV LV 2018 Report MMR Art 16](#)

[LT IAS reporting 2019](#)

[ES 20190814](#)

[GB 2019-08-13](#)

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Eionet helpdesk will provide assistance for: Upload access for new users, Password problem, Difficulties during upload procedure, Download problems

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- Geographic vs administrative – show relation?
- Continuity and 6 year cycle
- Internationalization of the infobox template
- Reuse of data
- Does the benefit motivate continued addition?







# Let's discuss!



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TACK!



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