

A Member State perspective on the use and visualisation of different data flows – example of Austria

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Water data flows in Austria – streamlining information (1)

■ Legal Basis for data collection and data management (why?)

- Federal Water Act (Water Information System for Austria – WISA)
- Ordinances and Regulations
 - Ordinance for emissions register from point sources to surface water (EMREG-SW)
 - Ordinance for water quality & monitoring for groundwater and surface water
 - Others

■ Responsibility & organisation (who?) –

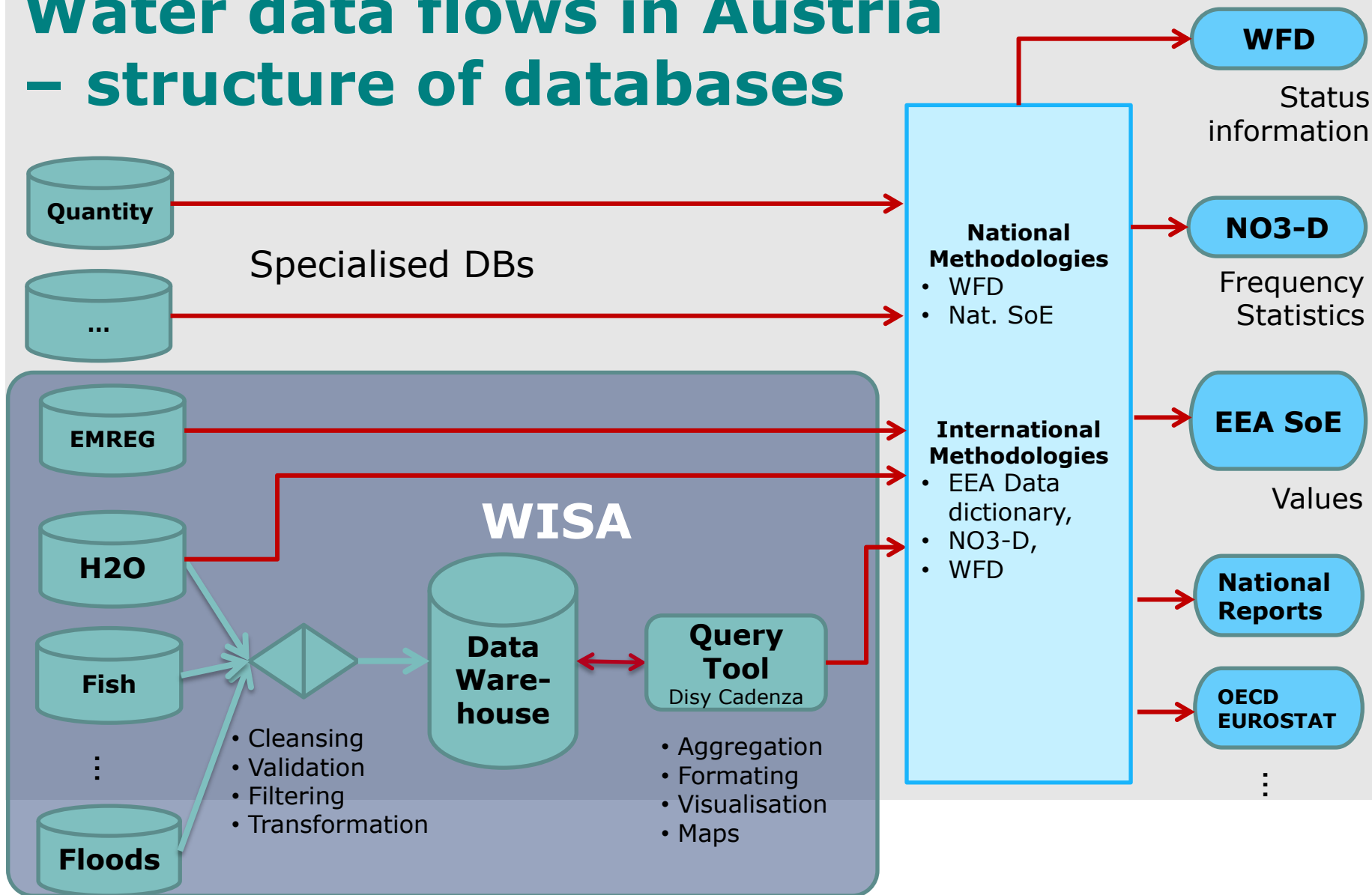
- Federal Provinces (data producers)
- Ministry of Agriculture, Forestry, Environment and Water Management (reporter to COM)
- Austrian Environment Agency (reporter to EEA)

Water data flows in Austria – streamlining information (2)

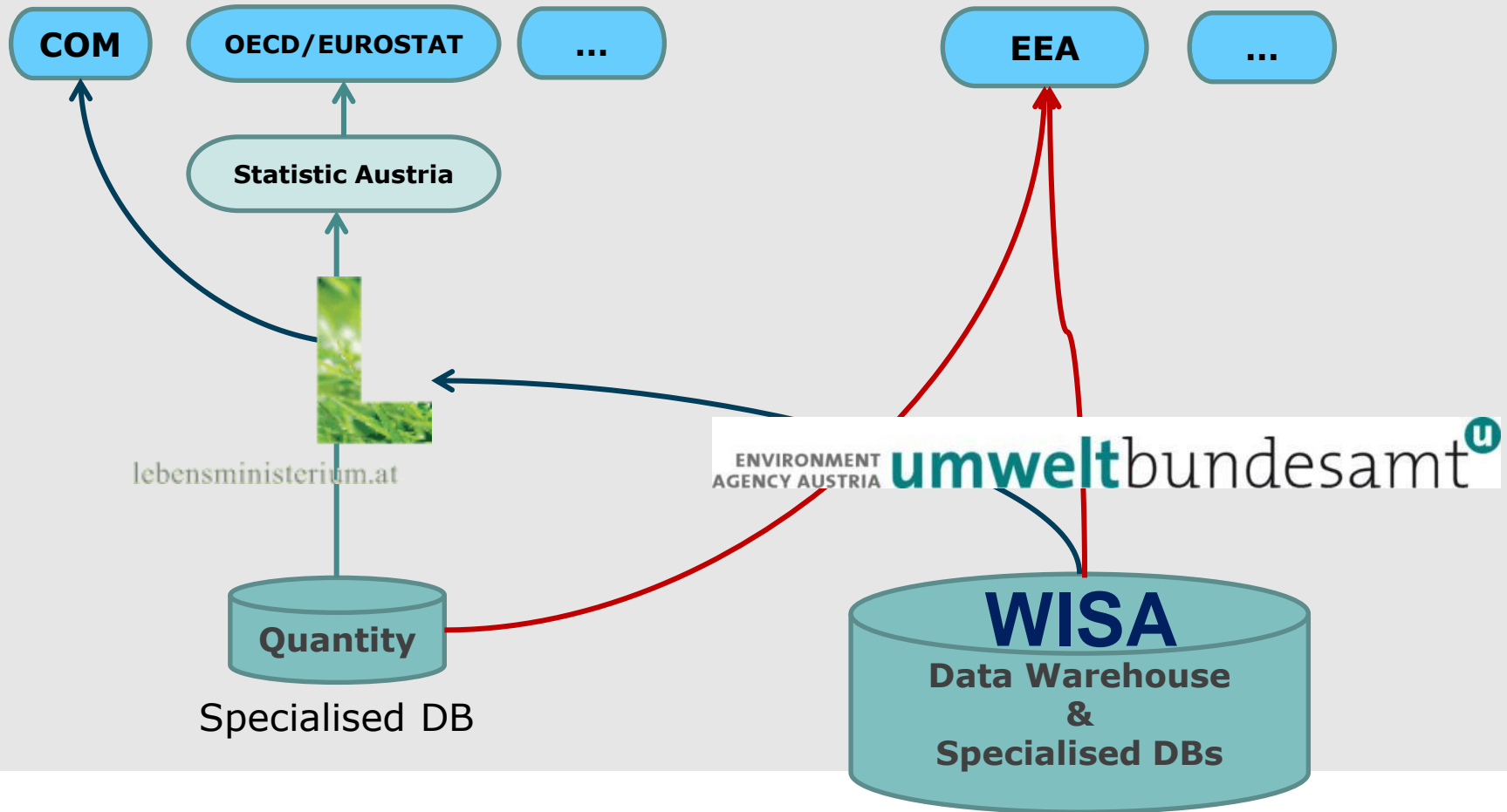
- **Structure (how?) – different databases for e.g.**
 - Quality data
 - Quantity data
 - Fish
 - Floods
 - Emissions from point sources to surface water (EMREG-SW)

- **Quality (checks) – automatic and manual (data producers and Austrian Environment Agency, „H2O Controlling“)**

Water data flows in Austria – structure of databases

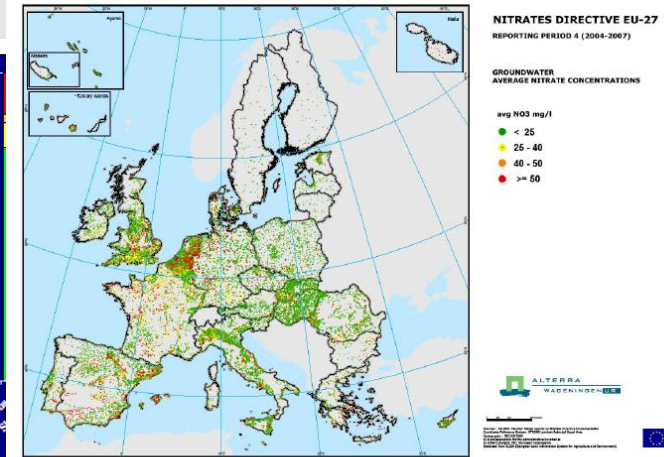
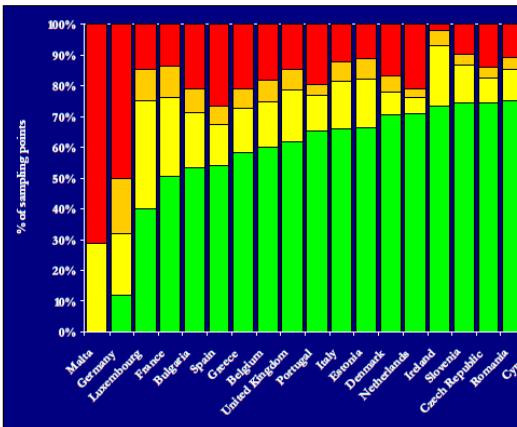
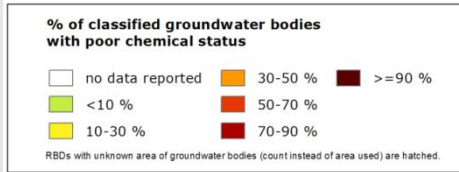
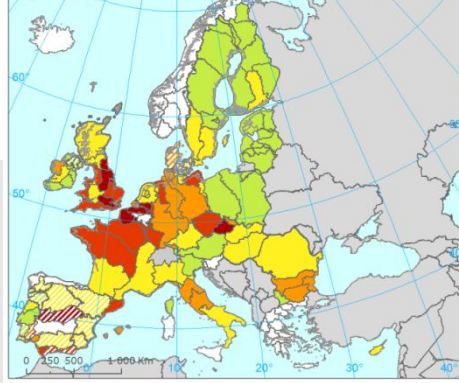
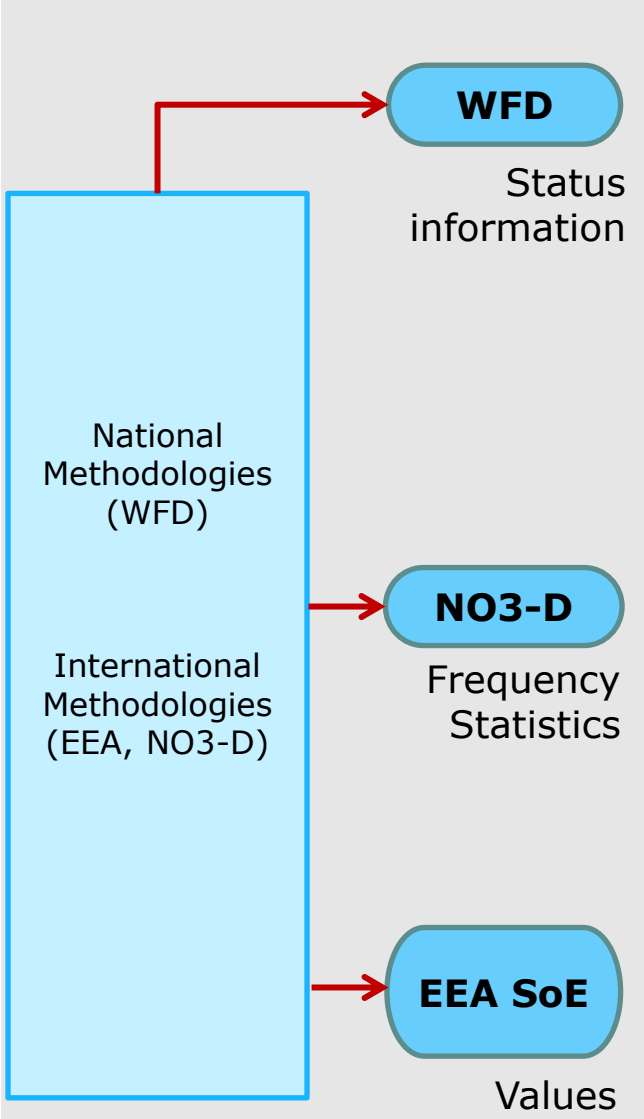


Water data flows in Austria - Responsibilities

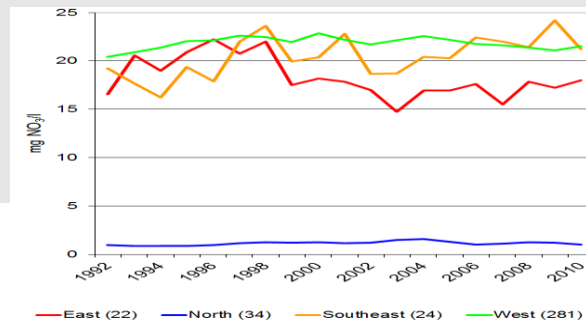


Example – Nitrates Reporting in Austria (WFD, NO₃-D & SoE)

- Different requirements/visualisation/aggregation of data – different end products / **different policy questions!**
 - WFD: Data covering all water bodies & nitrates from all sources
Reporting of: Status assessment
 - NO₃-D: Data covering all water bodies & nitrates from agriculture
Reporting of: Frequency statistics, average nitrates concentration in classes
 - SoE: Data covering rivers, lakes & sub-set of groundwater bodies
Reporting of: Single measurements, aggregated results
- Streamlining activities between EEA and COM already initiated (on hold?)
 - Timelines (streamlining reporting cycle for WFD & NO₃-D, & EEA SoE?)
 - Parameters
 - Reporting requirements



Map 8. Groundwater average nitrate concentrations for reporting period 4 (2004-2007).



Contact & Information

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