



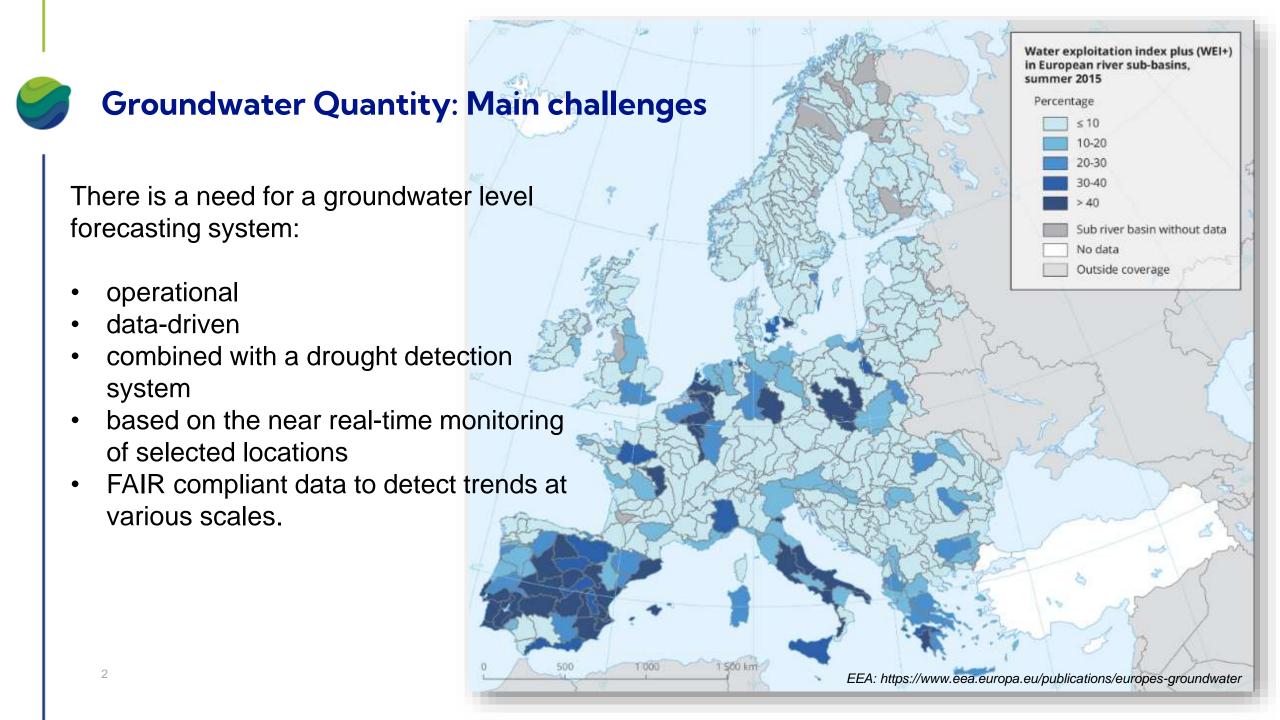
Peter van der Keur (GEUS)

& the Groundwater Resources Group

EUROPEAN GROUNDWATER RESOURCES

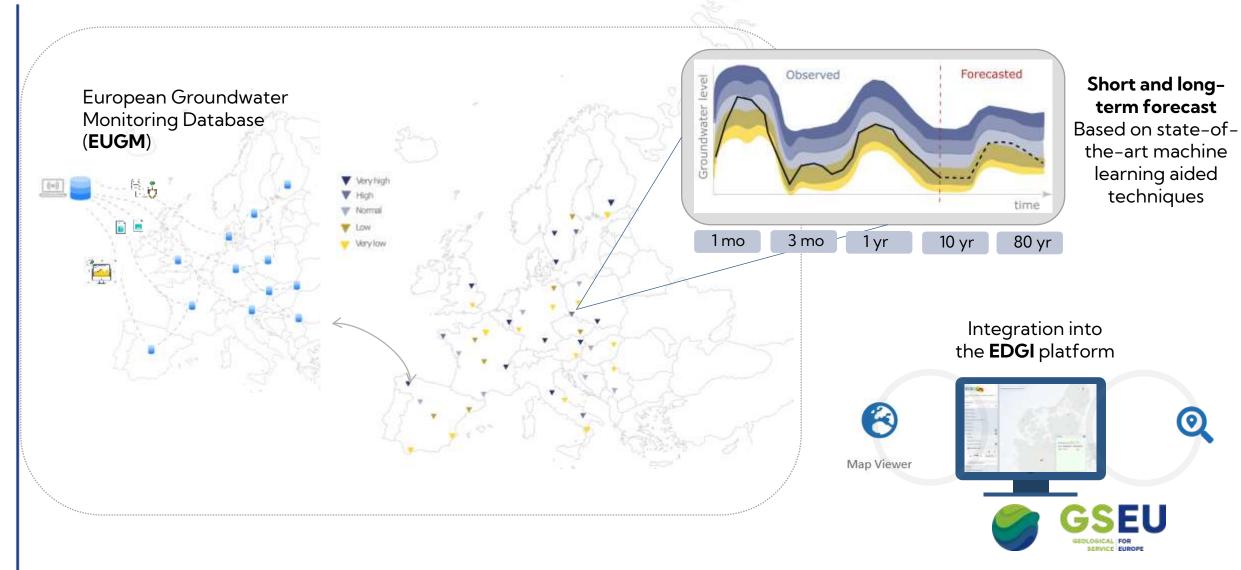






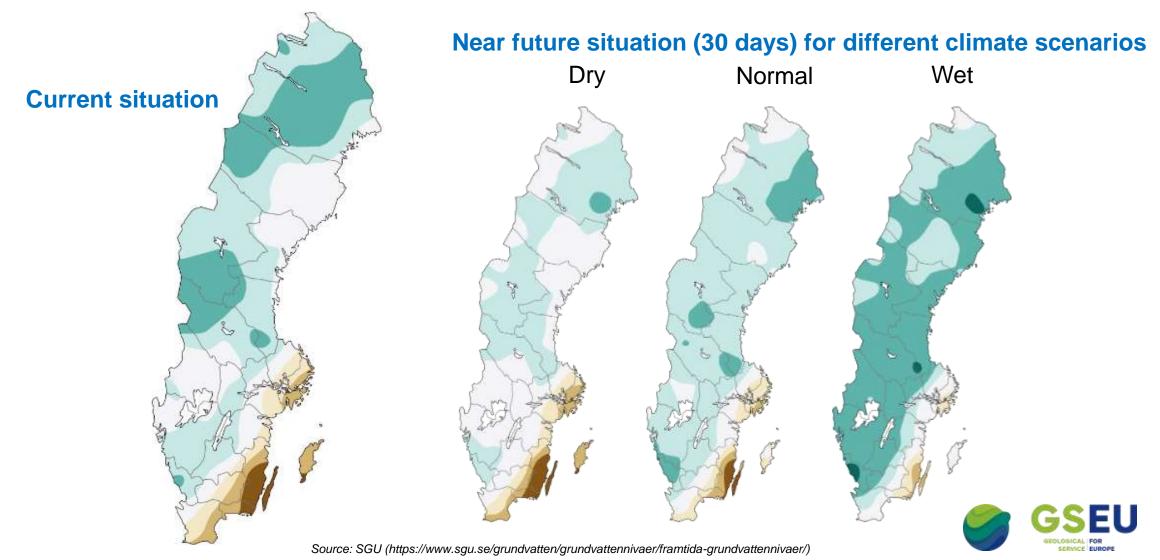


Transnational, Harmonised Data Gathering, Monitoring and Evaluation of Groundwater Dynamics in the Context of Climate Change





Transnational, Harmonised Data Gathering, Monitoring and Evaluation of Groundwater Dynamics in the Context of Climate Change





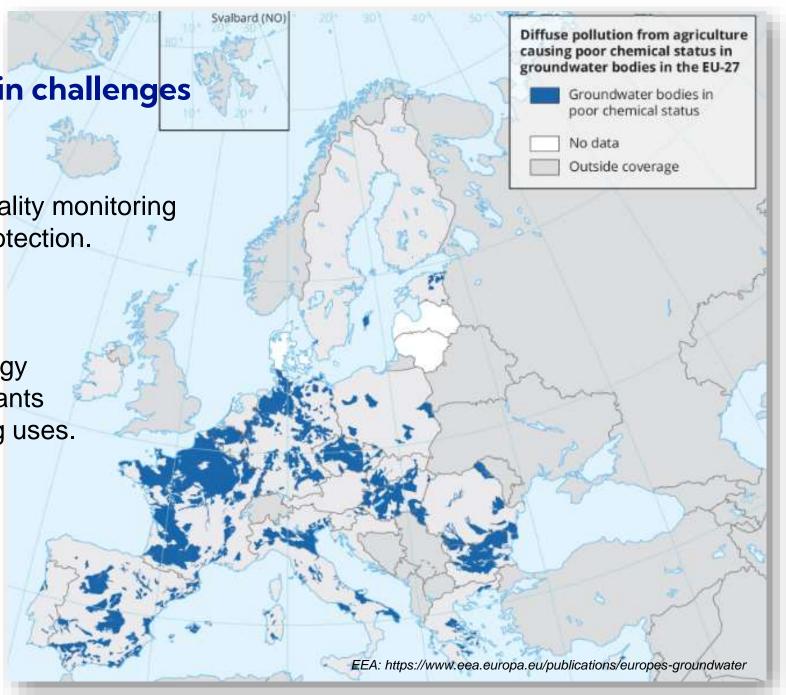
Groundwater Quality: Main challenges

There is a need for Groundwater quality monitoring system to support environmental protection.

Based on a good knowledge of:

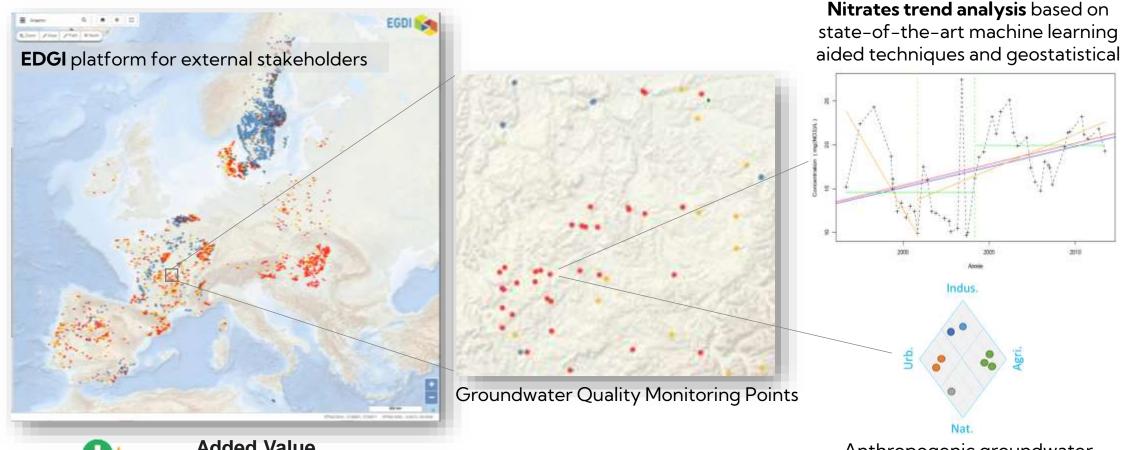
- intrinsic properties such as geology
- Chemical properties of contaminants
- drivers, pressures and competing uses.

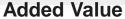
To determine trends in groundwater quality patterns, mobility and persistence of contaminants.





Transnational, Harmonised Data Gathering, Monitoring and Evaluation of Groundwater Quality Patterns and Trend Identification





- Re-use of previously obtained information
- European Geological surveys collaboration
- Exchange of knowledge
- Novel GW quality indicators in relation to anthropogenic impact

Anthropogenic groundwater facies at certain location





