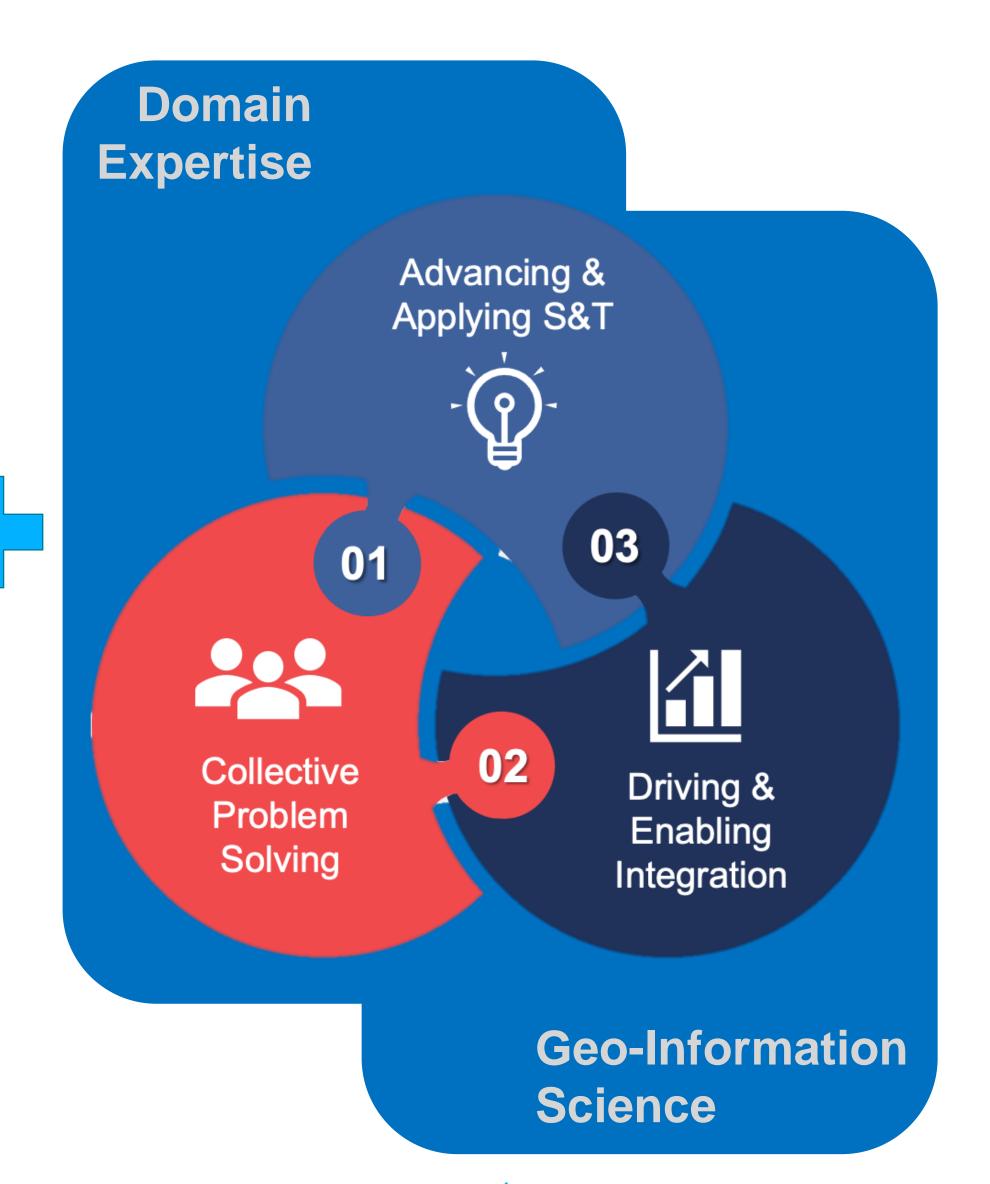
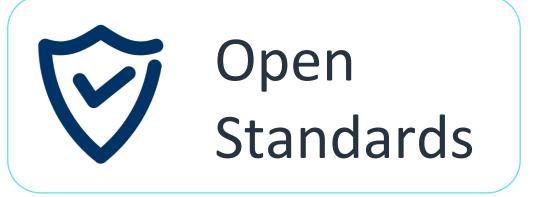
What is OGC?











Getting to FAIR*

- Systems
 - Pivotal Points
 - Minimum Measures
- Data
 - Flows and (Round) Trips
 - Quality
 - Security
- People
 - Value
 - Behavior

(Levels of) Meaning



Digitalbevaring.dk

Agreements

- Bilateral
- Multilateral
- Federated

Specifications

- Narrative
- Modeled
- Coded

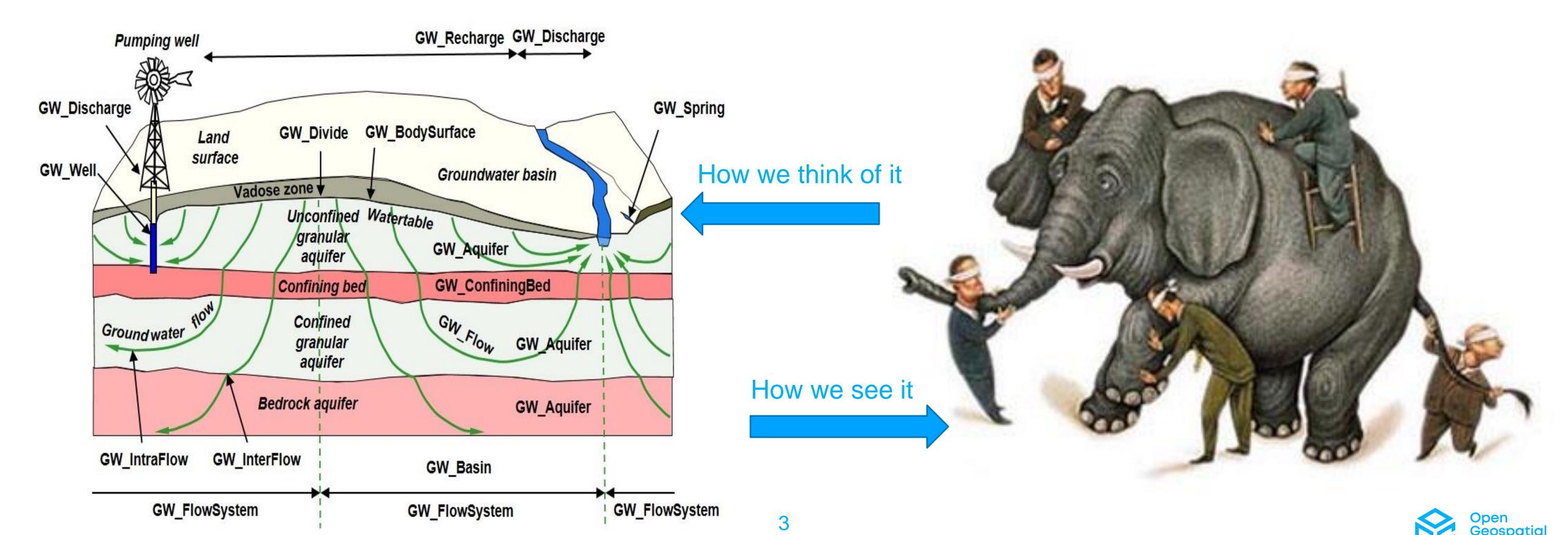
Standards

- Practice
- Community
- Adopted
- Implemented
- Conformant



WaterML2: Part 4 – GroundWater Markup Language 2 (GWML2)

- Subsurface water features discerned and observations interpreted, to share.
 - Hydrogeological units, Aquifers, Voids, Fluid bodies, Hydraulic conductivity, Water wells, Springs



The Bigger Picture

Observations and Measurements

GeoSciML

WaterML2

OGC API Features

TimeseriesML

SoilleML

Physical

Logical

SensorML

The Water Cycle Water storage in ice and snow Water storage in the atmosphere Condensation Sublimation Precipitation Evapotranspiration Evaporation Surface runoff Snowmelt runoff to streams Streamflow Infiltration Evaporation Spring Ground-water discharge Freshwater storage Water storage in oceans U.S. Department of the Inter Ground-water storage

LandInfra

SensorThings API

CityGML

Simple Features



Conceptual