



wissen wohin
savoir où
sapere dove
knowing where

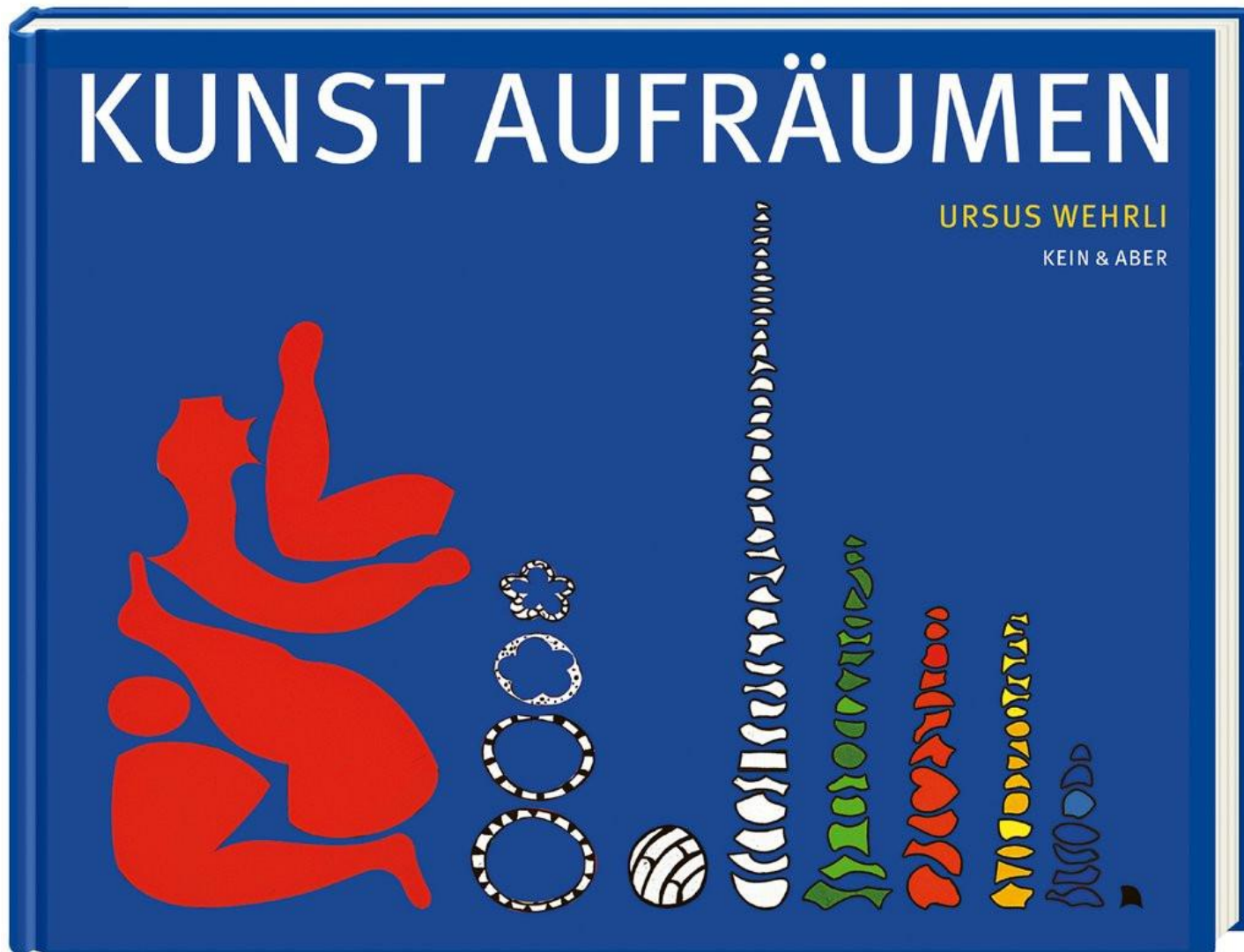
Behind the scenes

- Produce and integrate geodata
- Stock geodata in a warehouse
- Publish geodata

Stefan Flury

Head of Geodata Production Systems

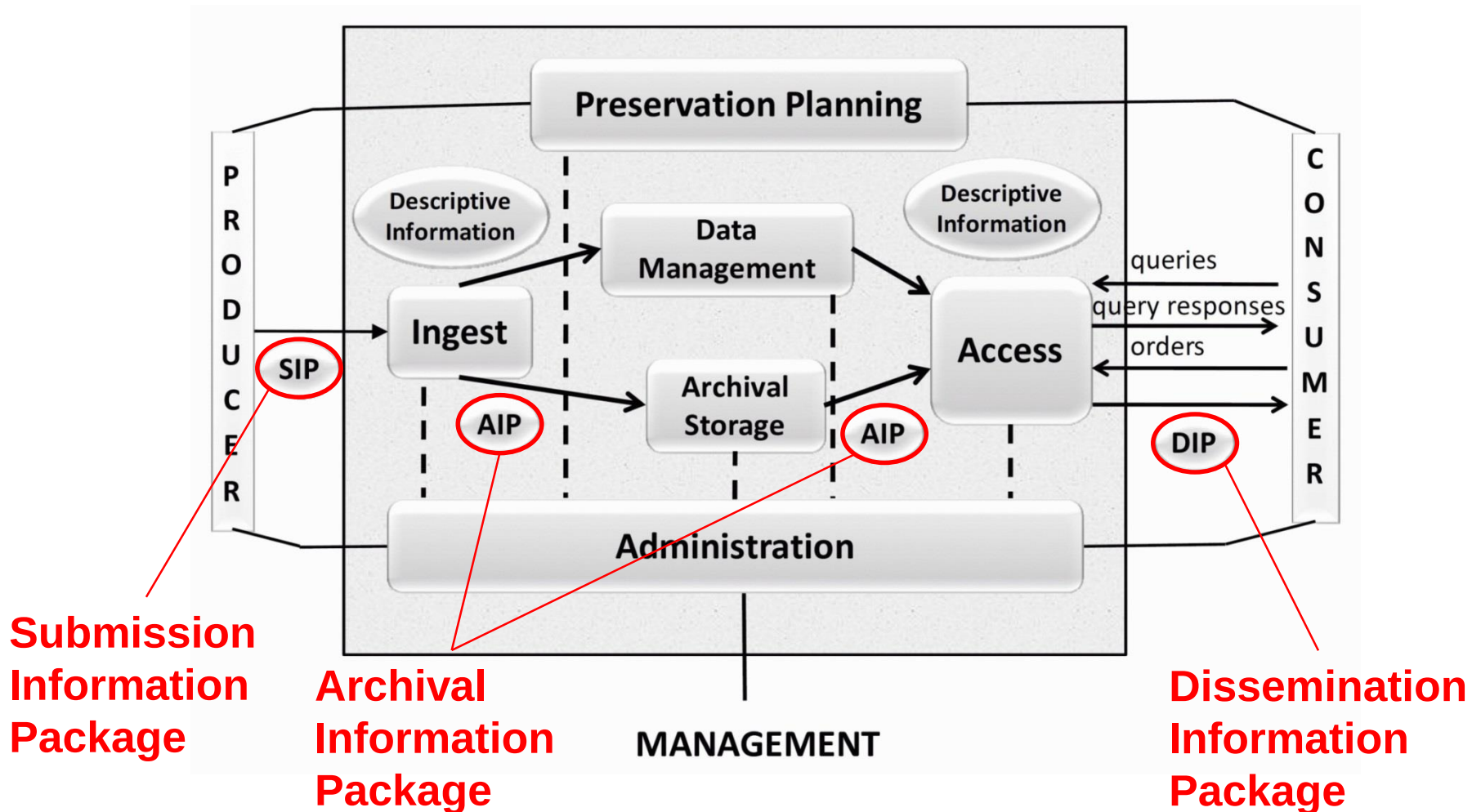






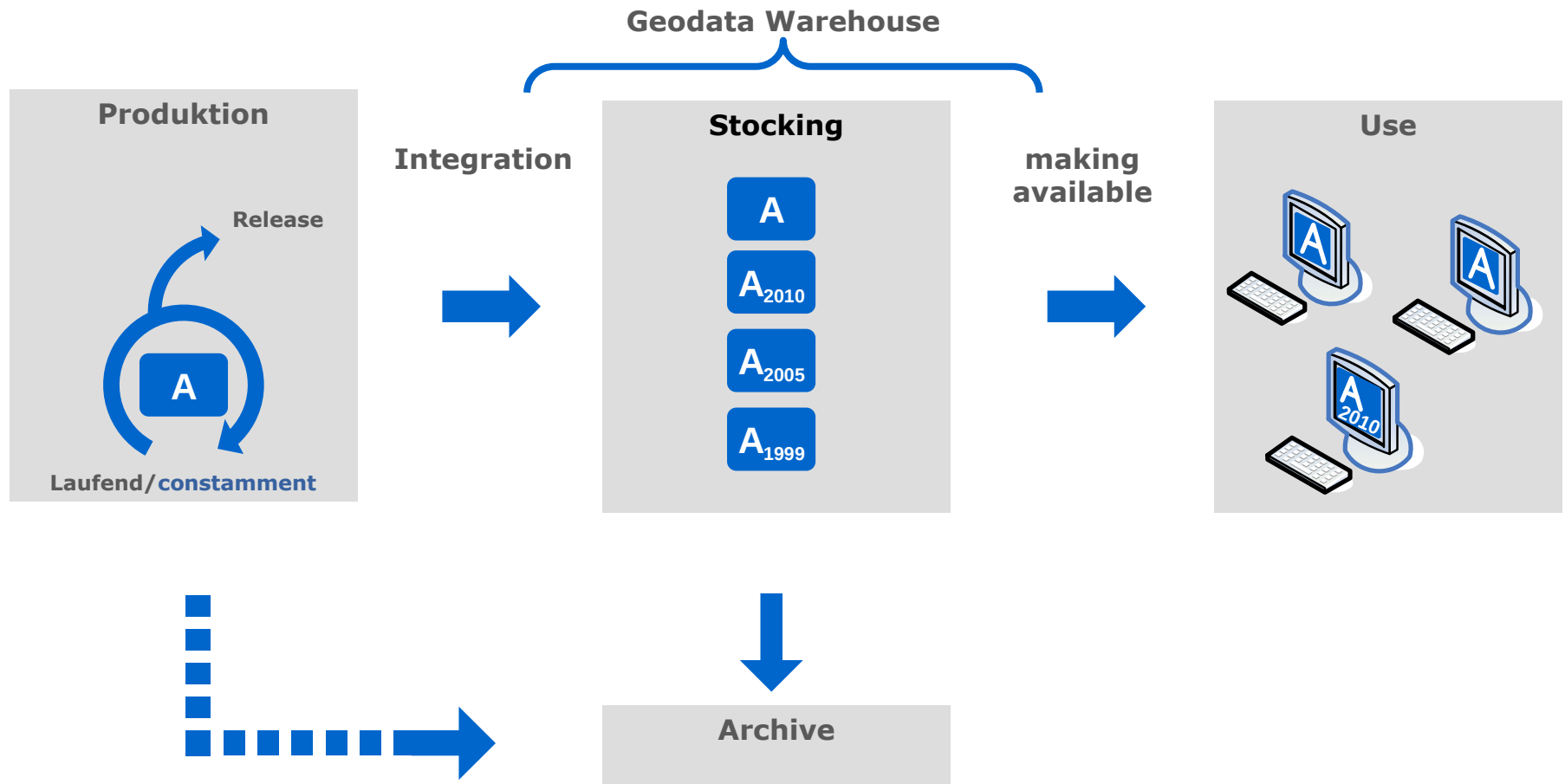
OAIS Open Archival Information System

Reference model ISO 14721:2012





Lifecycle





Dataflow

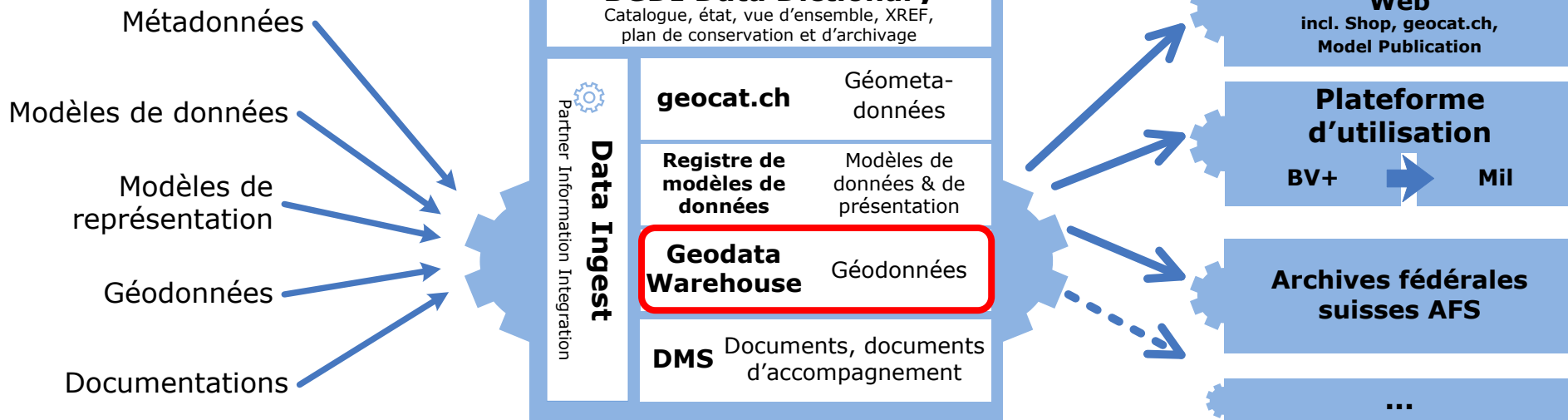
Production

Conservation

Utilisation

Ingest

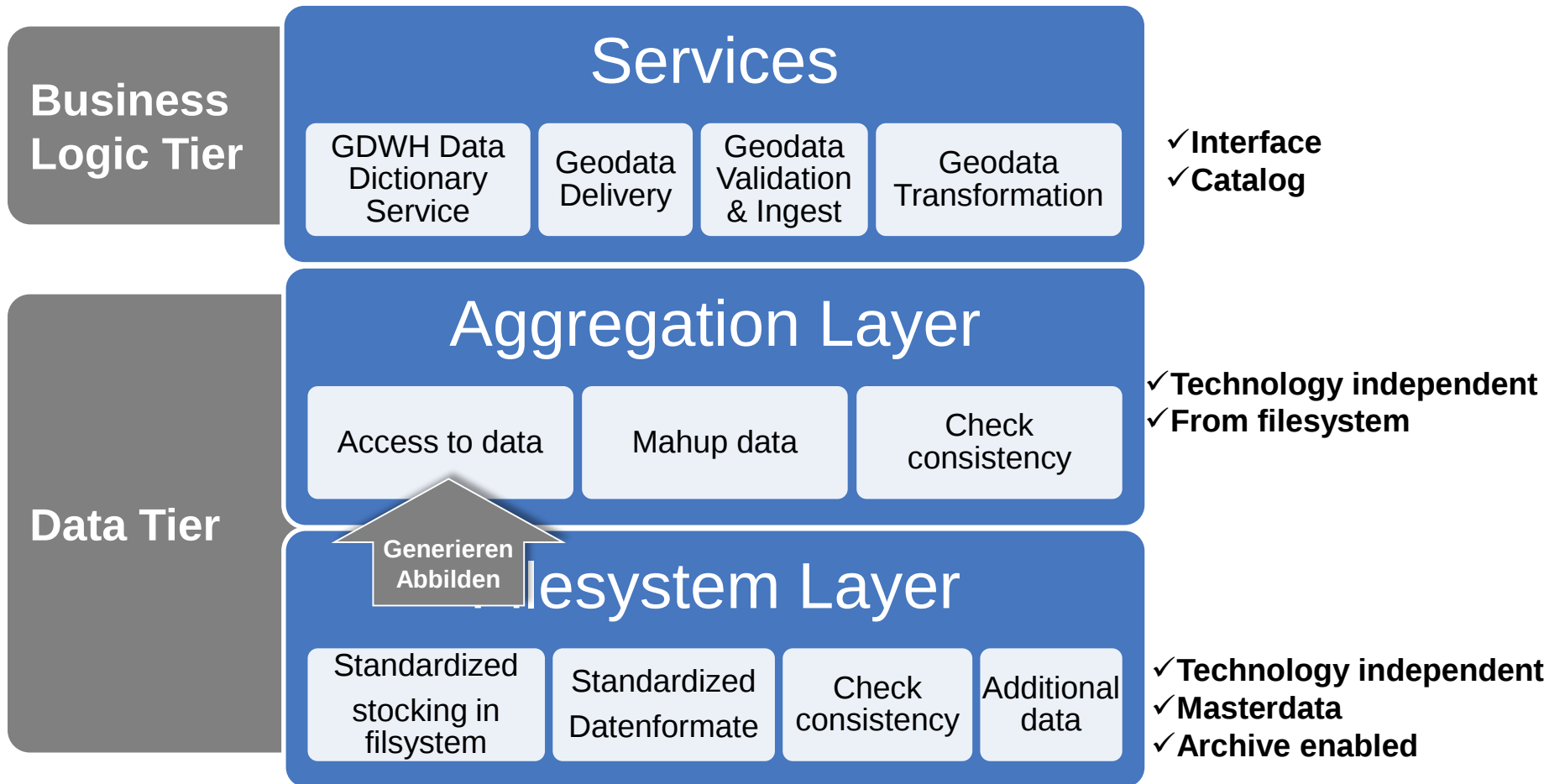
Use



«Ingest once, use anywhere»



Geodata Warehouse



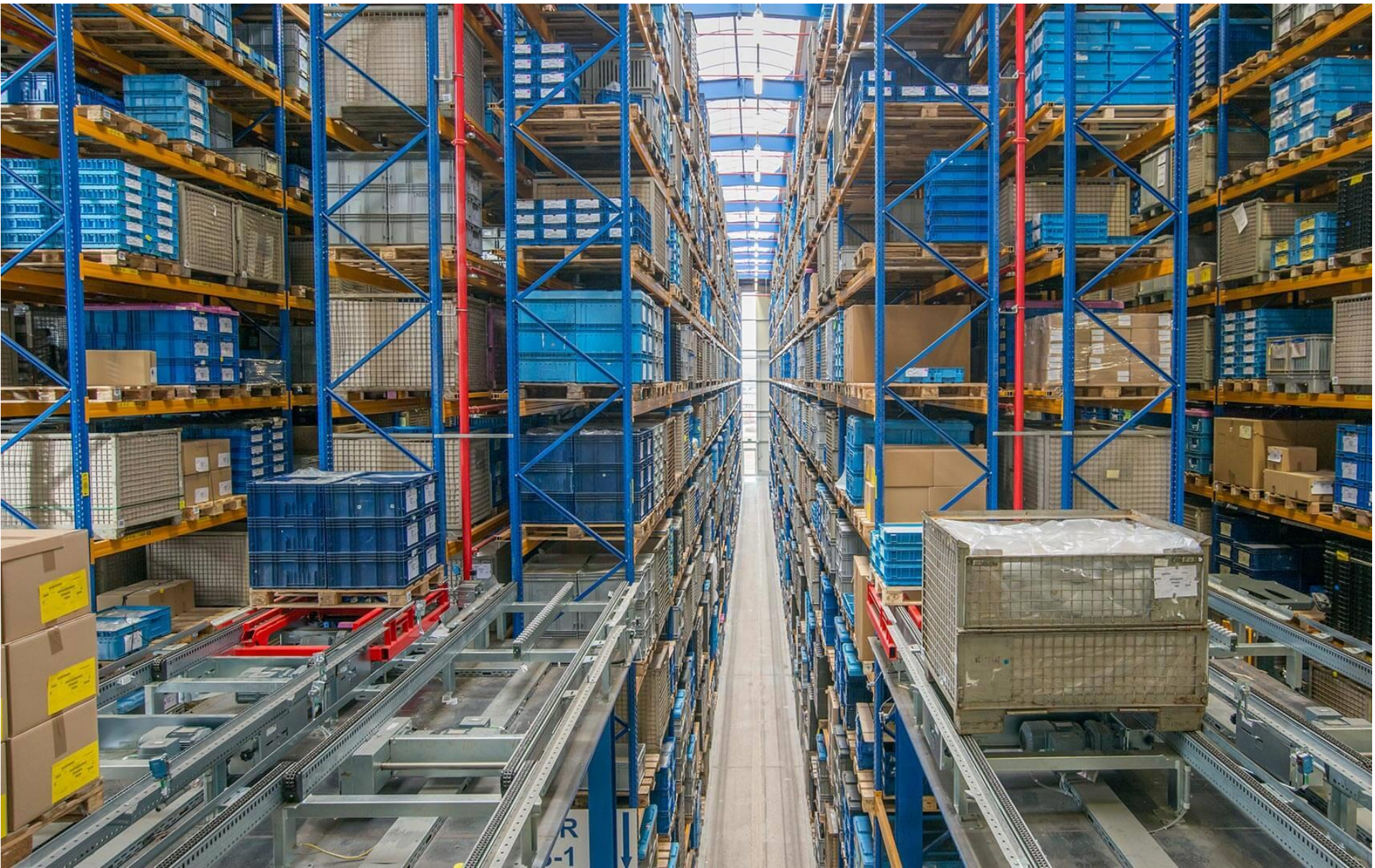


GDWH – the journey through time





GDWH – standardized stocking





GDWH Catalog

a look to the data stored in the GDWH

Basic information

Number of Layers:

1

Number of Releases:

12

Spatial Reference:

CHLV95

Temporal Model:

Managed

Temporal Unit:

Year

Custom attributes

Flight Year

Source Reference System

Terrain Model

Recording Date

Commentary

Provider

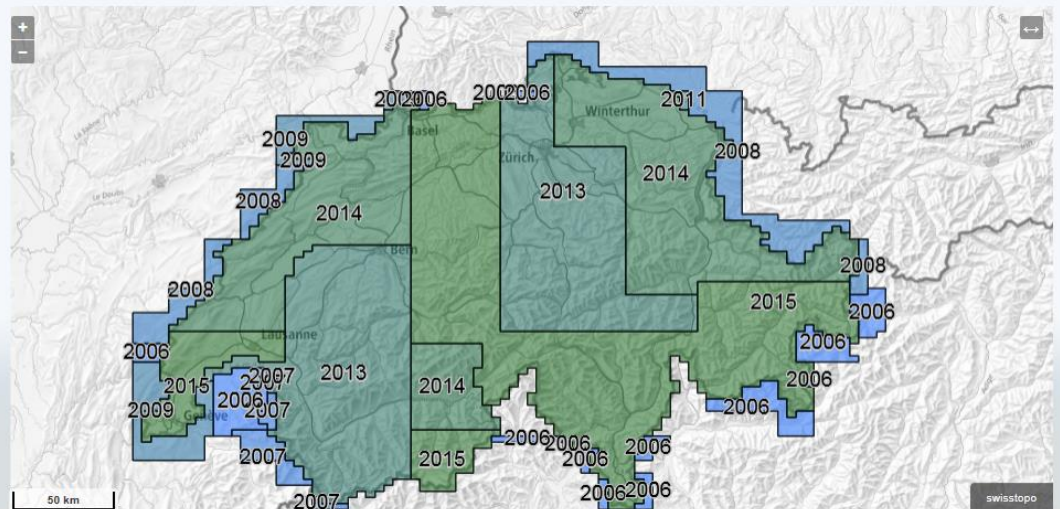
Resolution Of Origin

Foliage

SWISSIMAGE (DOP25_LV95)

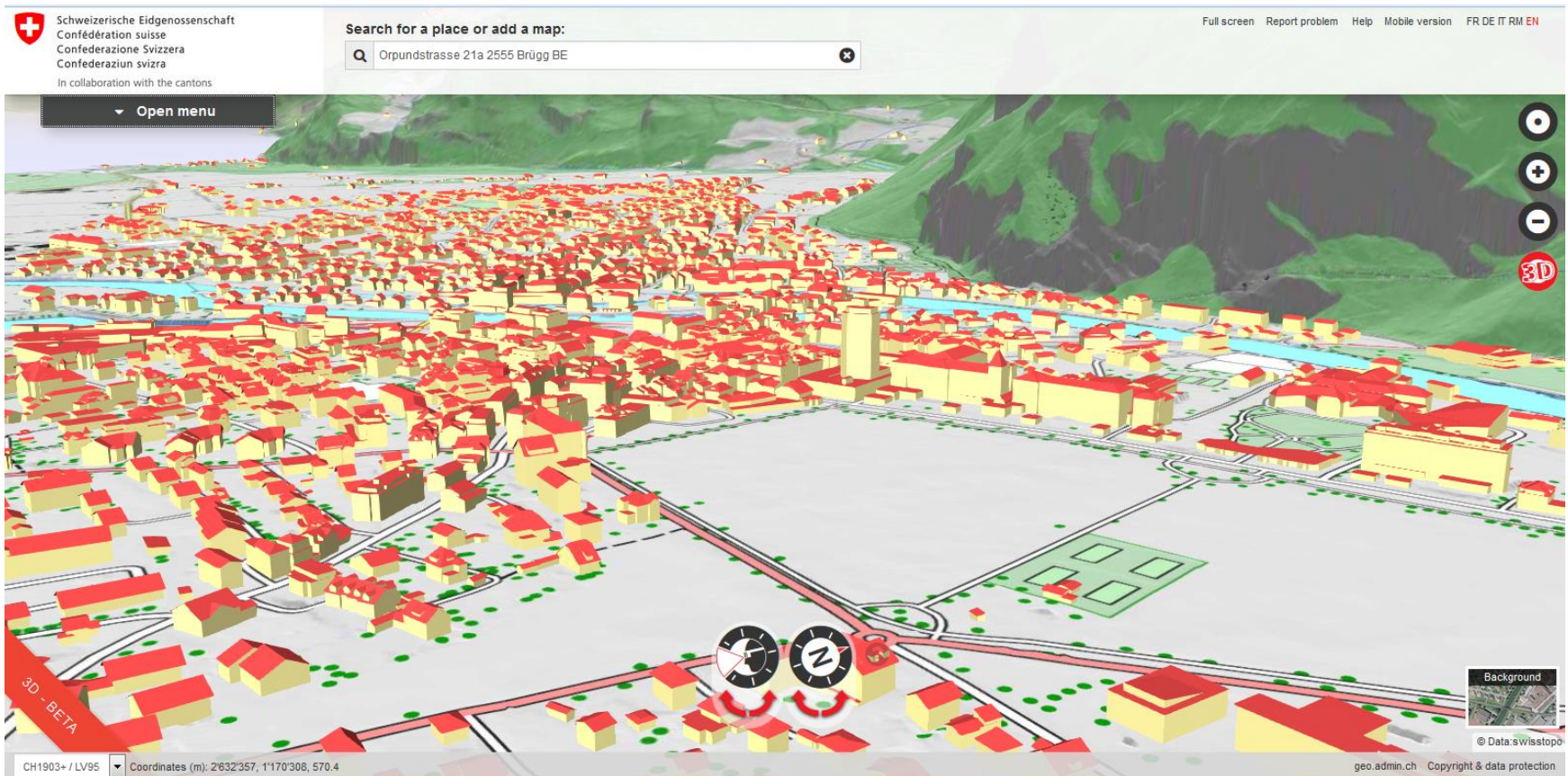
[Releases](#) [Layers](#) [Imports](#)

Key	Status
2016	active
2015	released
2014	released
2013	released
2012	released
2011	released
2010	released
2009	released
2008	released
2007	released
2006	released
2005	released





The federal geoportal





Monitoring usage of our services

- Apache Kafka <https://kafka.apache.org/>
- Elasticsearch <https://www.elastic.co/products/elasticsearch>
- Kibana <https://www.elastic.co/products/kibana>



And a last thing

<https://s.geo.admin.ch/72705bfc27>

