WIS2 Implementation Support
GISC Offenbach

WORLD METEOROLOGICAL ORGANIZATION

1950-2025 SCIENCE for ACTION

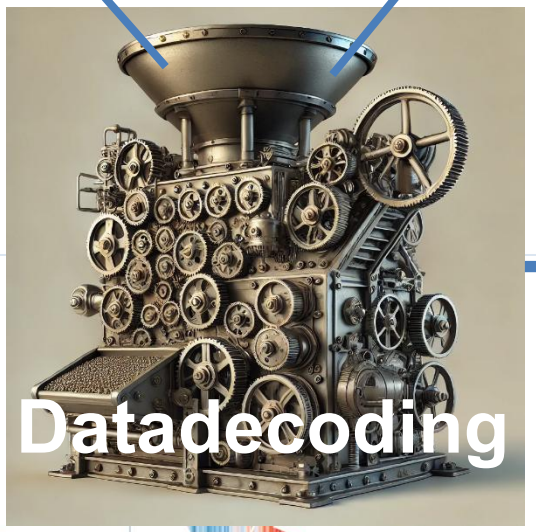
Overview

- Benefits of connecting to WIS2
- Support from GISC Offenbach
- WIS Portal of GISC Offenbach
- Demonstration

Benefits of connecting to WIS2

WIS GTS

WORLD METEOROLOGICAL ORGANIZATION



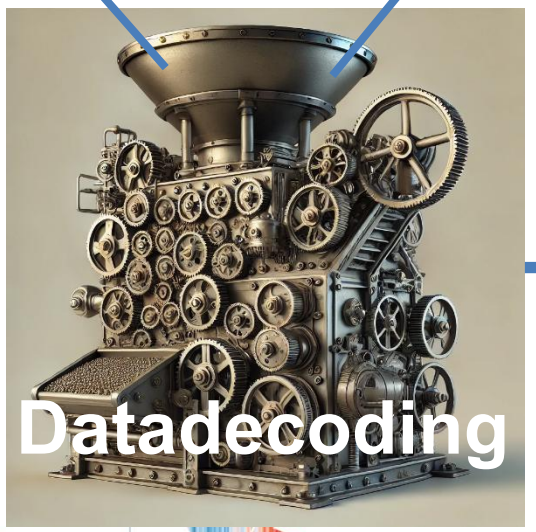
WORLD METEOROLOGICAL ORGANIZATION

SCIENCE for ACTION

Benefits of connecting to WIS2

WIS2 WIS GTS

WORLD METEOROLOGICAL ORGANIZATION

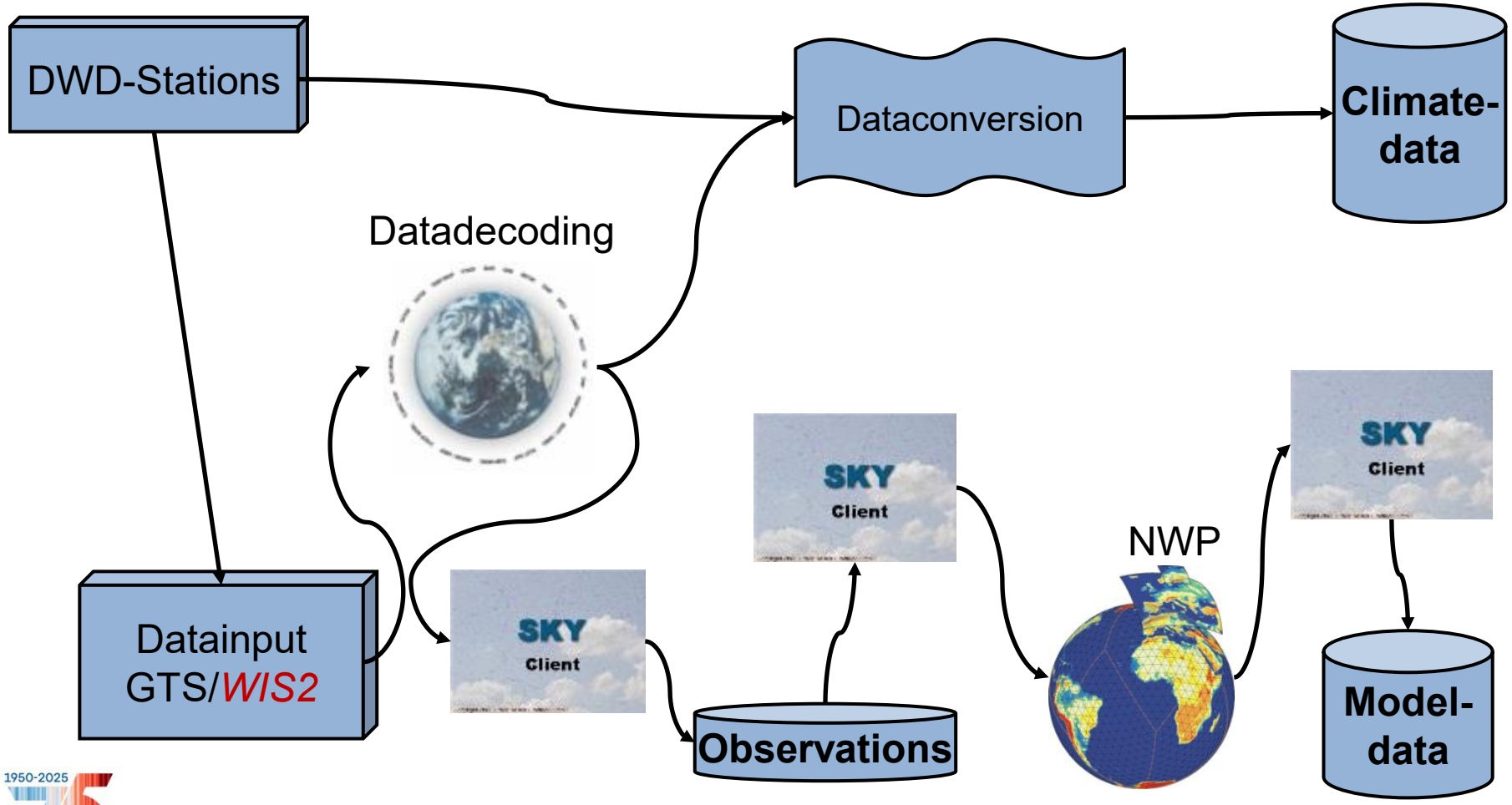


WORLD METEOROLOGICAL ORGANIZATION

SCIENCE for ACTION

Benefits of connecting to WIS2

Dataflow and decoding

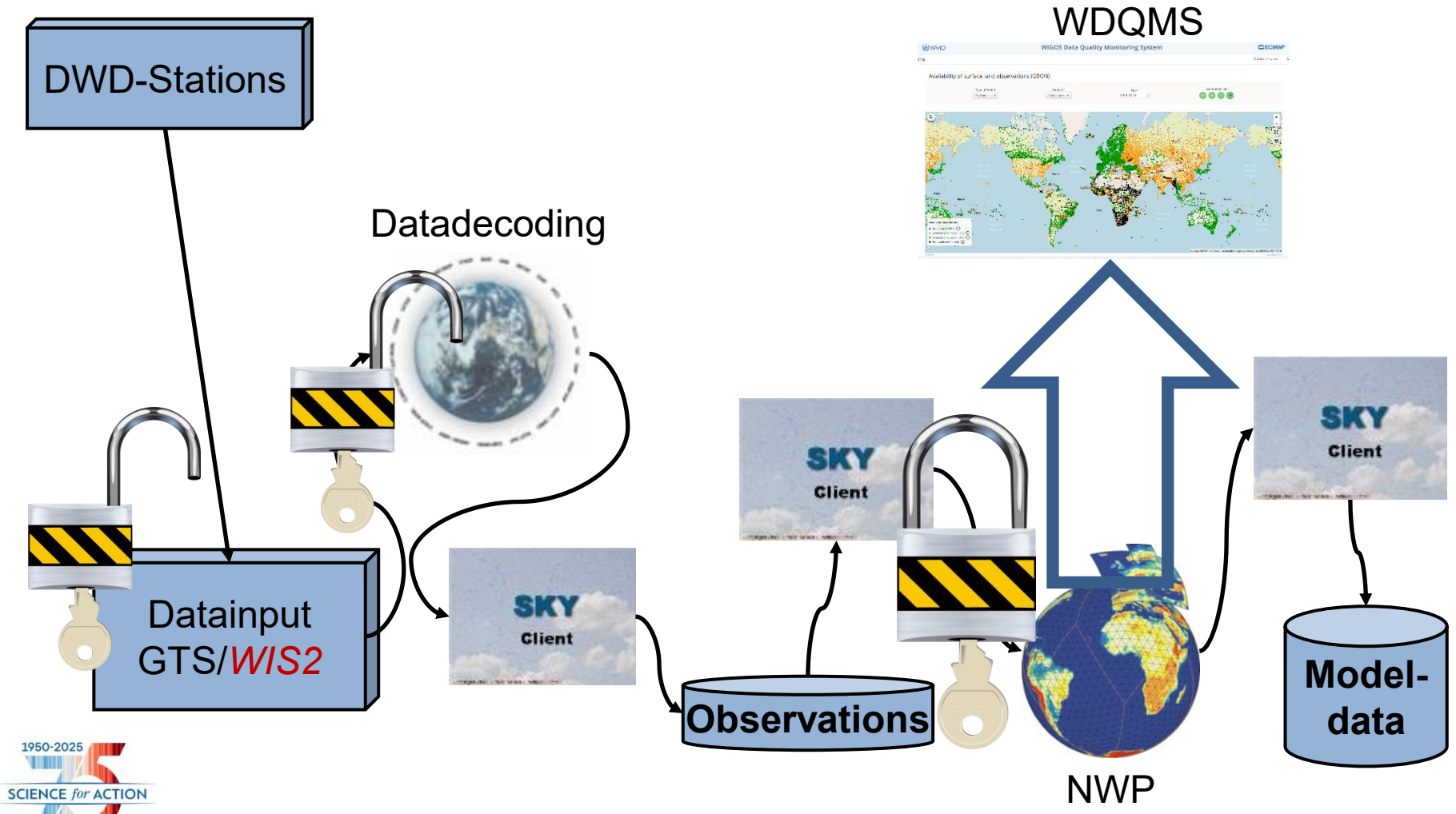


WORLD METEOROLOGICAL ORGANIZATION

1950-2025 SCIENCE for ACTION

Benefits of connecting to WIS2

Dataflow and decoding



Benefits of connecting to WIS2

Your Road to WIS2

Setup / Implement WIS2 Node
Register Centre ID with WMO
GISC Of checks if your WIS2 setup follows the standards
Provide Metadata for your data
Publish data

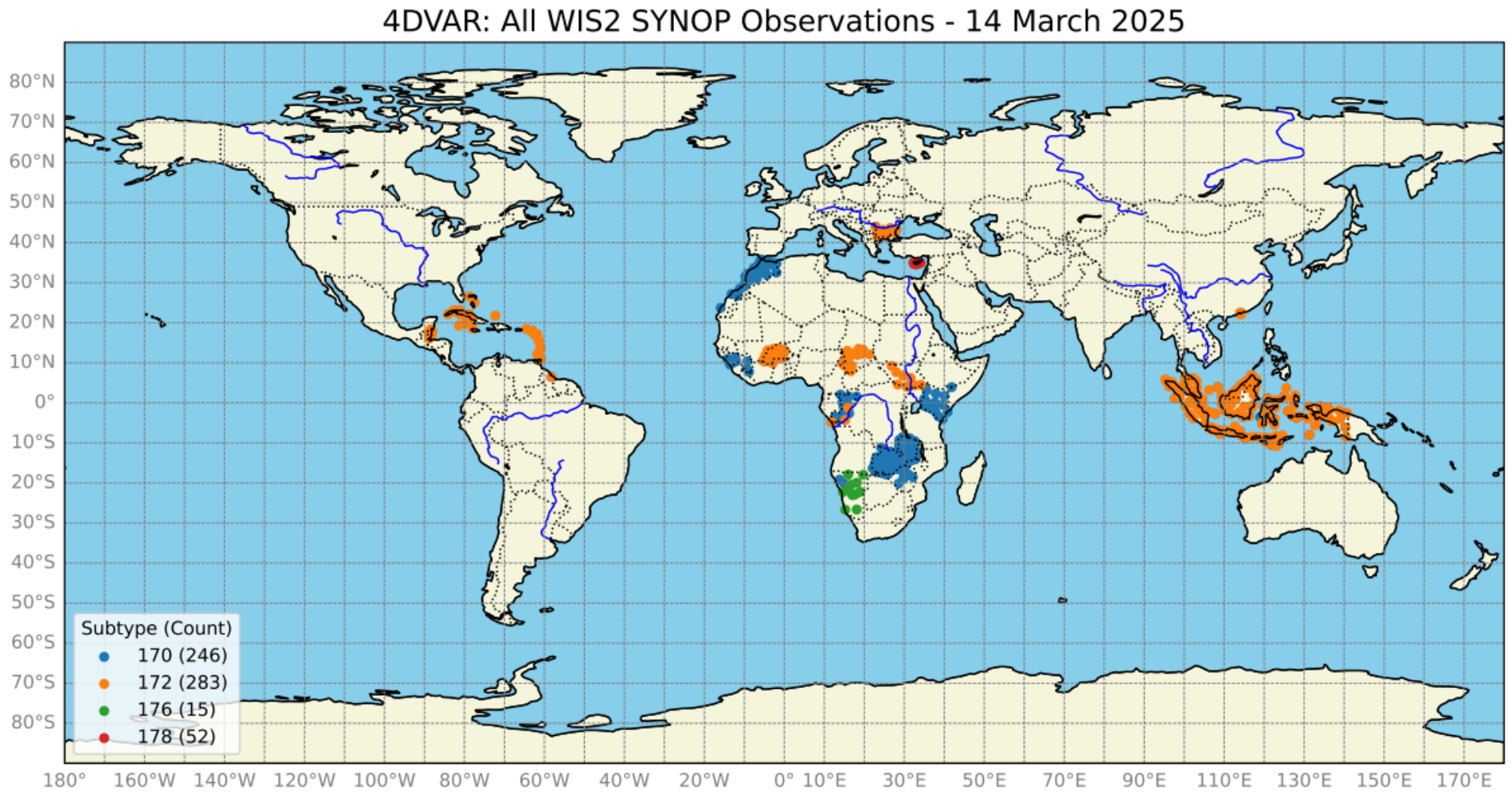
- Check if needed data is available
- If not contact GISC Of
- If yes start using data from WIS2
  - Pywisdownloader or own implementation
- GTS data is available already

If you are happy with your WIS2
there is a procedure to switch off your MSS…
(….if you are not an RTH)

WORLD METEOROLOGICAL ORGANIZATION

1950-2025 SCIENCE for ACTION

Benefits of connecting to WIS2



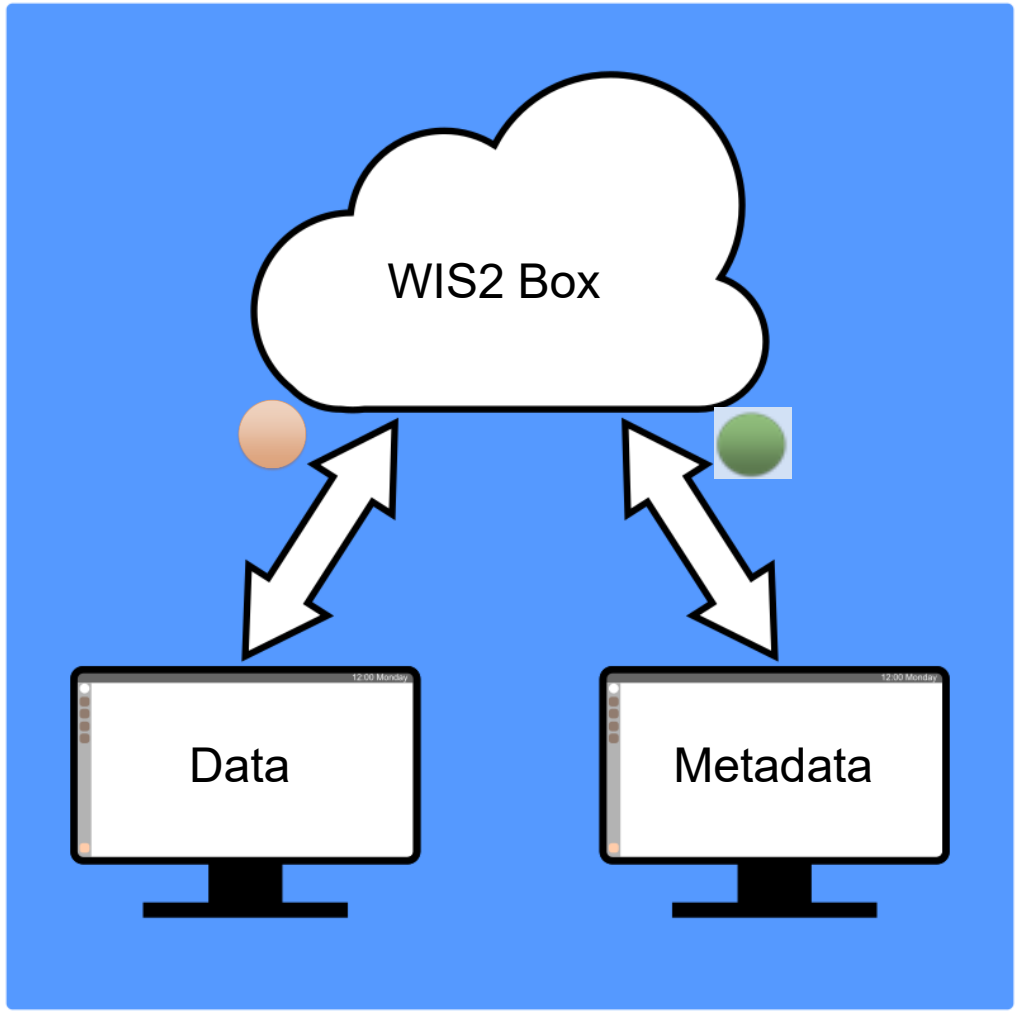
Source: ECMWF

Support from GISC Offenbach

- Monthly Q+A
- Training planned for Q4/2026
- Support via wis@dwd.de
- Check compliance of WIS2 Nodes and assist in solving problems
- Provide different services

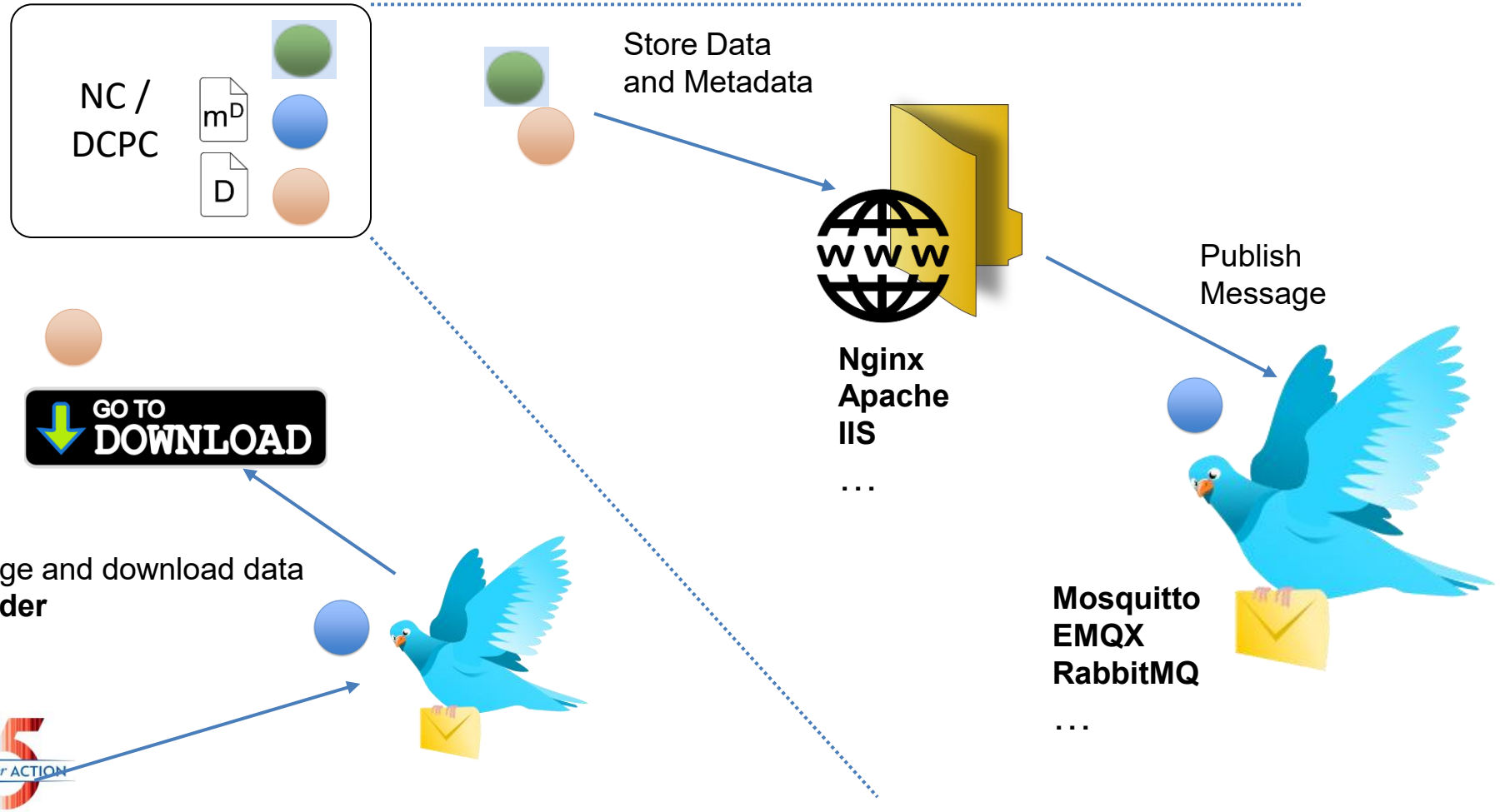
Support from GISC Offenbach

Use WIS2Box



Support from GISC Offenbach

Use own solution



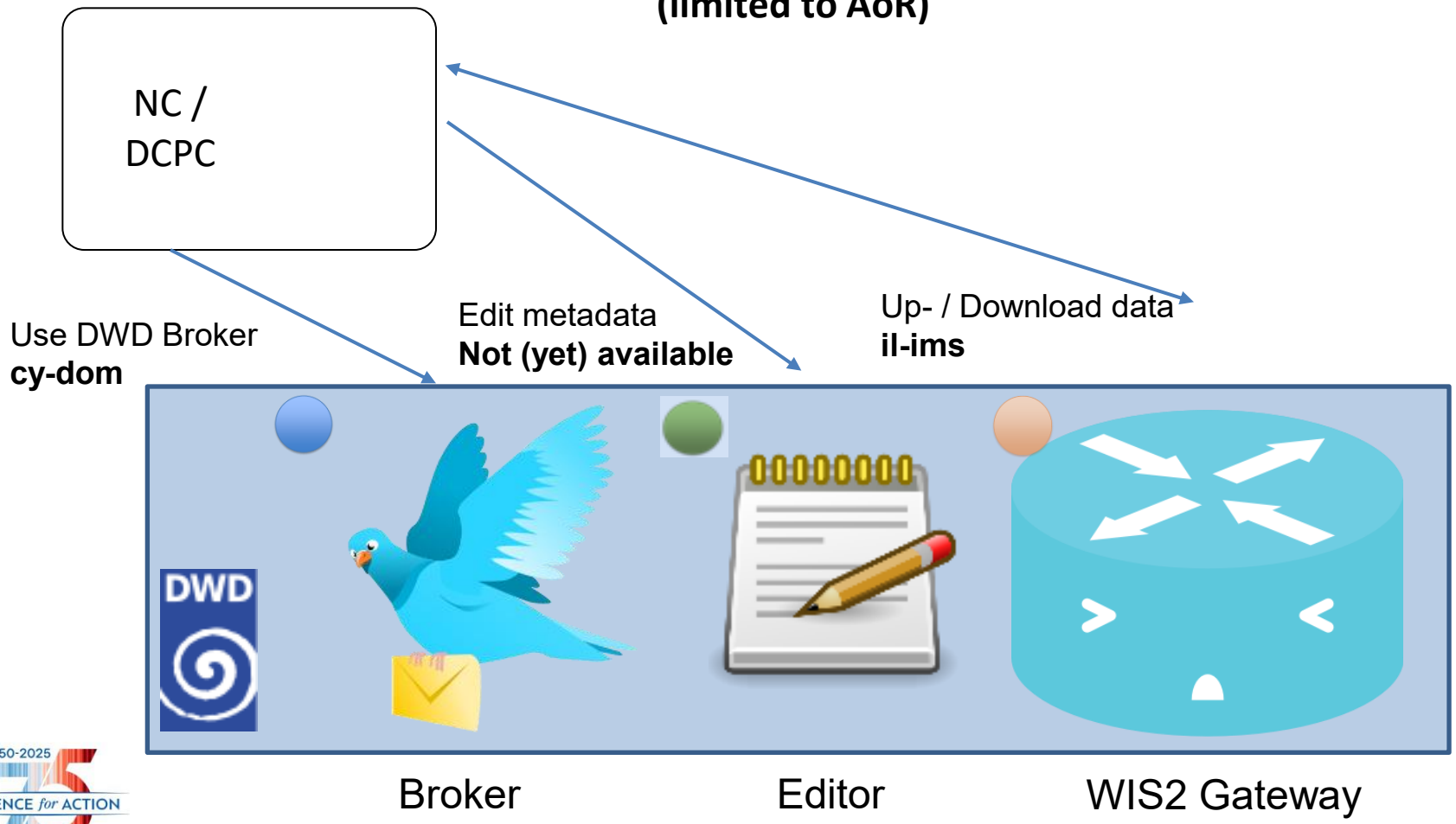
WORLD METEOROLOGICAL ORGANIZATION

1950-2025 SCIENCE for ACTION

Support from GISC Offenbach

Use services from GISC Offenbach

(limited to AoR)



Support from GISC Offenbach

Shared Services

(Not provided by GISC Offenbach)

NC /
DCPC

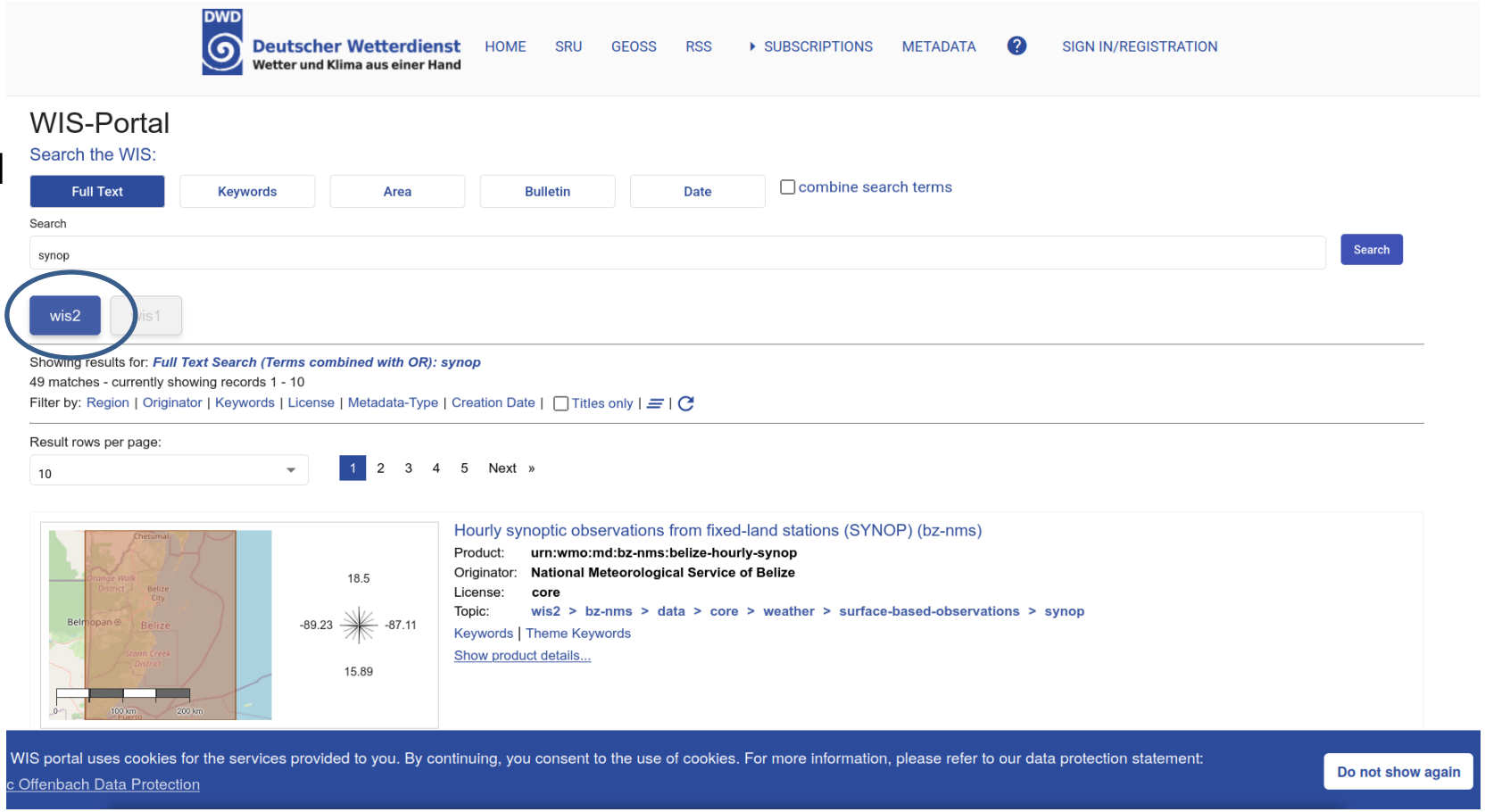
Virtual Environment of GISC
Shared Environment with other NC
Hosted in EWC

Managed WIS2Box

WIS Portal of GISC Offenbach

https://gisc.dwd.de

- **WIS2 Catalogue** fully integrated
- Work in Progress:
  Internet subscriptions
  for WIS2 data



WORLD METEOROLOGICAL ORGANIZATION

1950-2025 SCIENCE for ACTION

Demonstration

https://wis2.dwd.de/gdc
https://wis2.dwd.de/gdc/collections/wis2-discovery-metadata/items?q=dwd
https://gisc.dwd.de

WEATHER CLIMATE WATER
TEMPS CLIMAT EAU

Thank you
Merci
Gracias
اركش
谢谢
Спасибо

WMO OMM

World Meteorological Organization
Organisation météorologique mondiale