

WIS 2.0

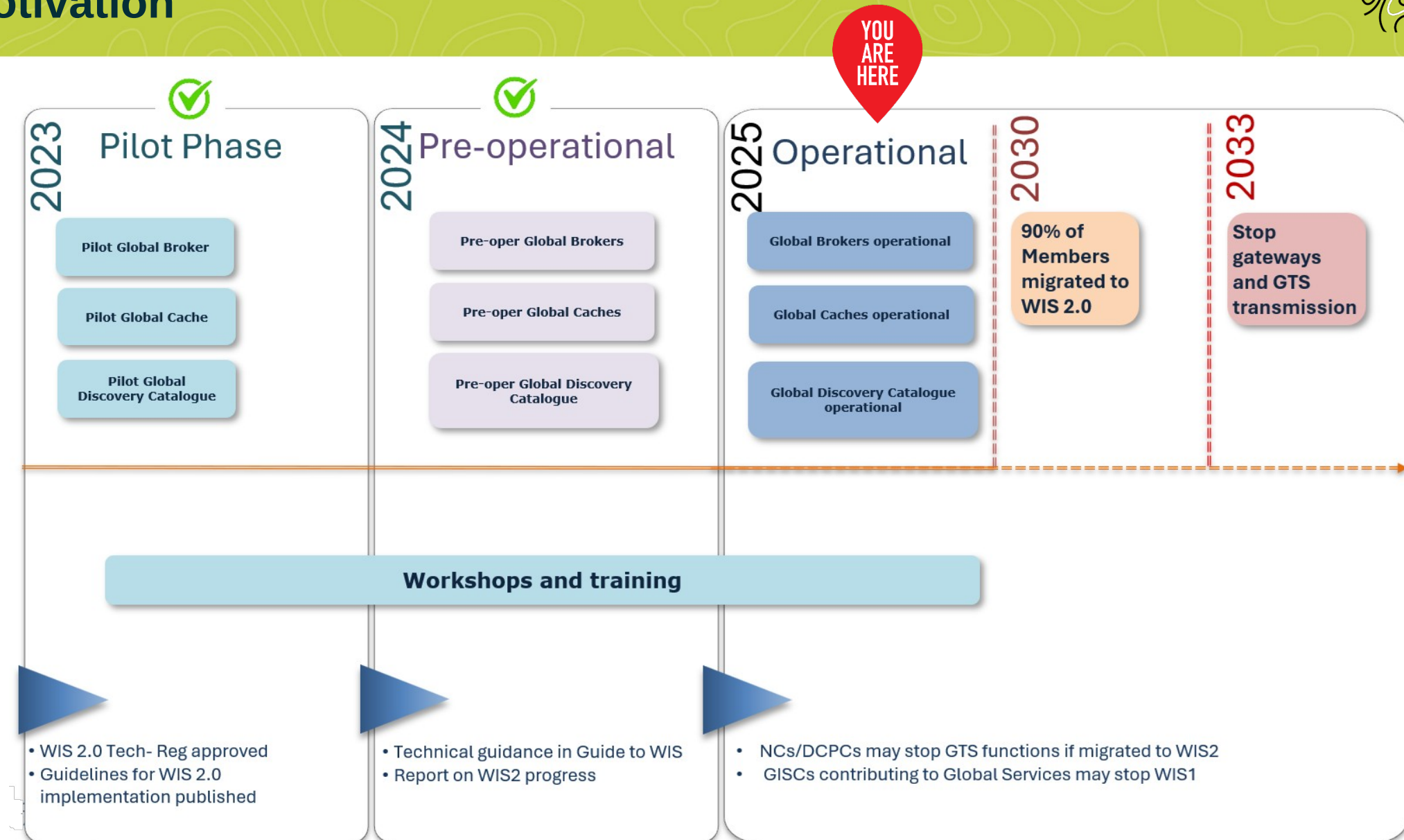
WMO WIS Focal Point

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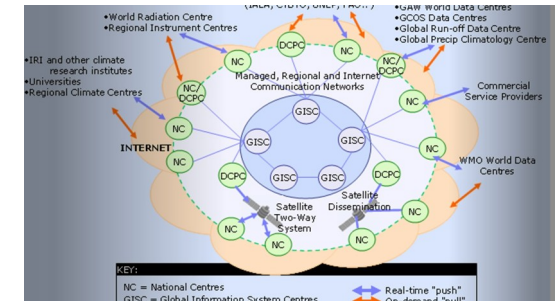
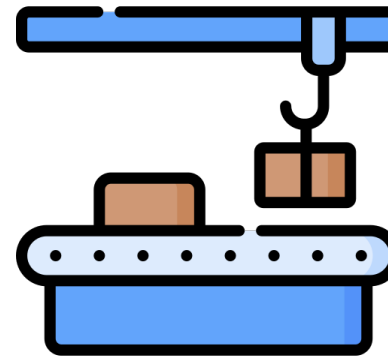
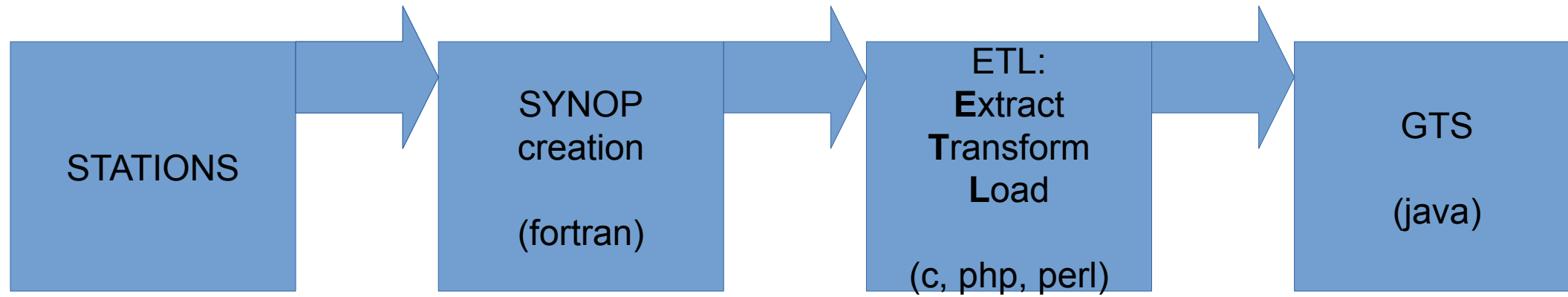


- https://community.wmo.int/en/GTS_WIS2_Transition_Guidance

Question Break

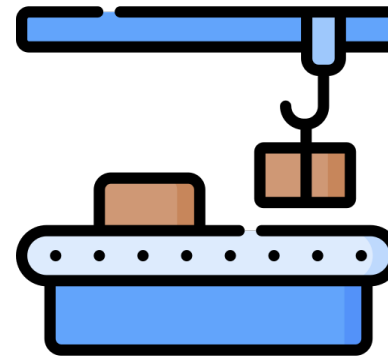
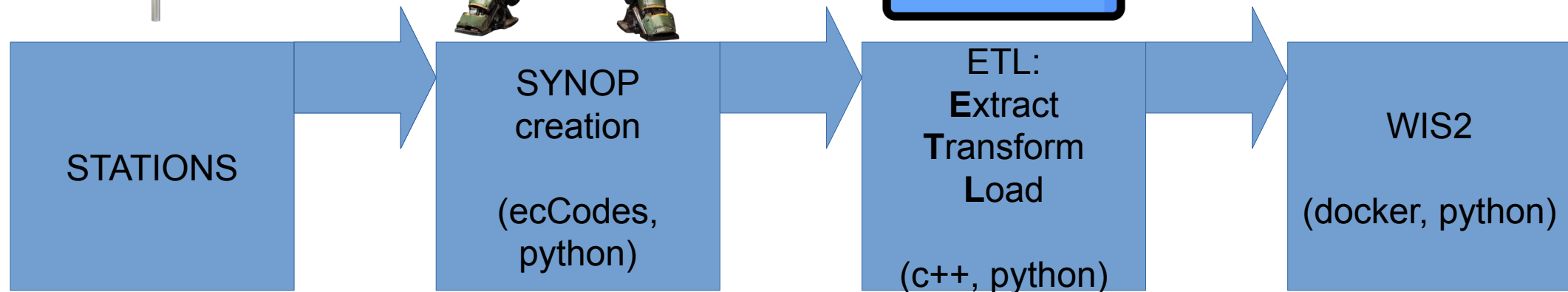
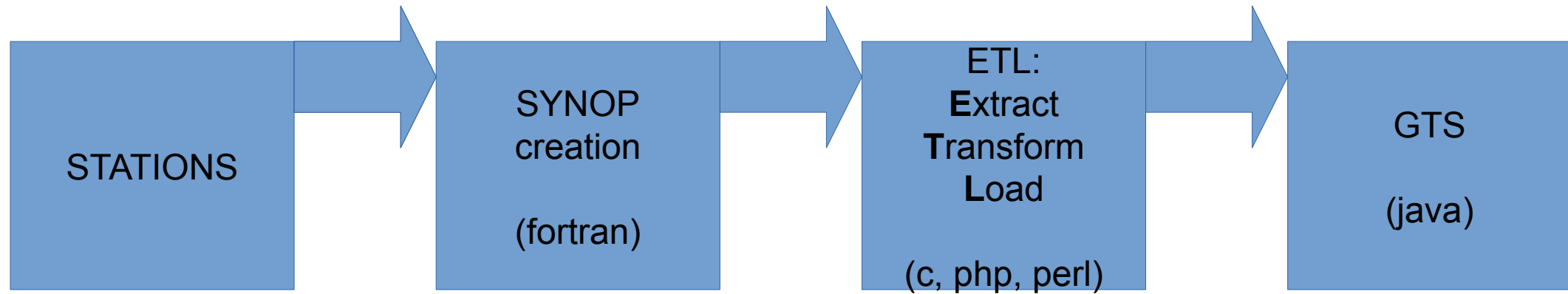
- When will the GTS be decommissioned?

Current Data Flow at GeoSphere Austria



Question Break

- What does GTS stand for?



Question Break

- What does WIS2 stand for?

wis2box
 INSPECTOR
GADGET
SEASON-2



<https://github.com/World-Meteorological-Organization/wis2box>

Inspector Gadget

Season 2

<https://wis2.geosphere.at/> and <https://wwis-dev.geosphere.at>

Question Break

- What are the two main protocols for WIS2?



- Local (WSL)
- VM with Ubuntu
- IBL MW vs wis2box
 - Costs
 - SOFF

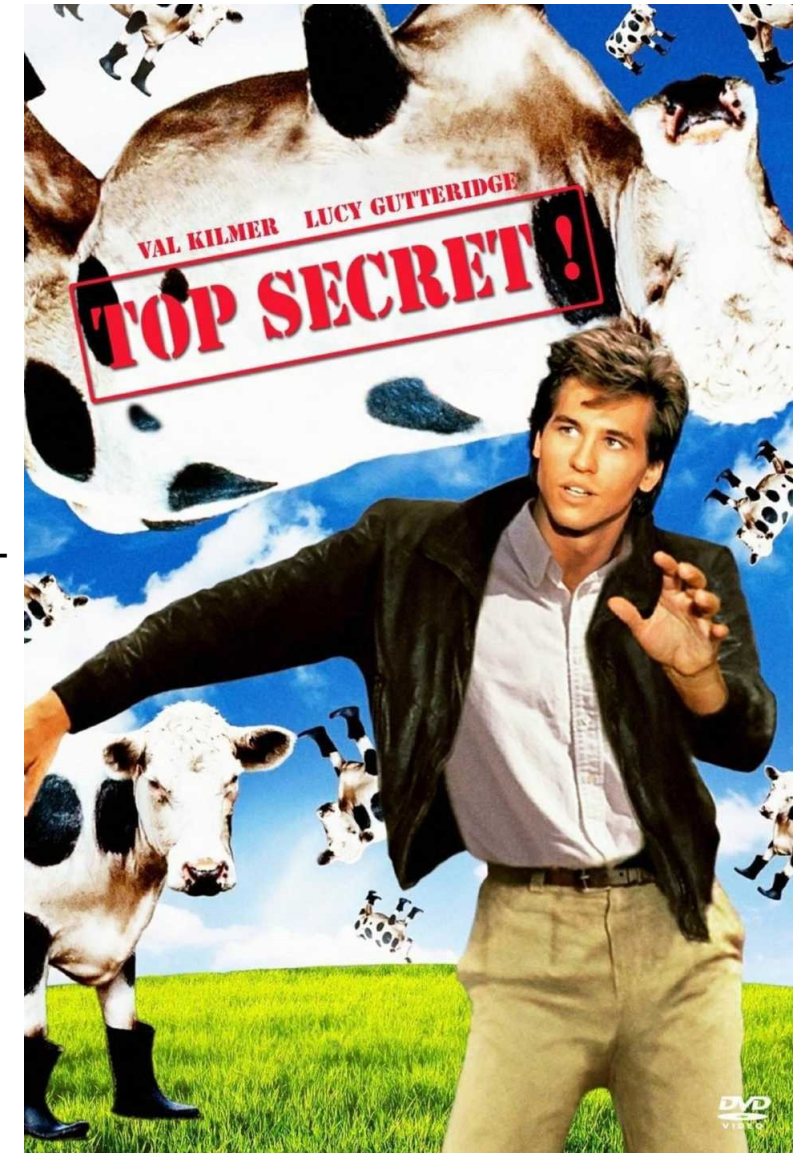


Question Break

- In what file format is the content of a WNM?

Current wis2box installation

- Rocky Linux 9.7
- Port 443 with MQTT via websocket
- In DMZ with ONLY Global Services white listed in firewall
- rootless docker
- Domain name: wis2.geosphere.at
- Color:
 - <https://docs.wis2box.wis.wmo.int/en/latest/user/public-services-setup.html#wis2box-webapp>
 - <https://wis2.geosphere.at/>



Question Break

- What are two security measures for running a WIS2 node?

Future Plans

- Second node in European Weather Cloud (EWC)
- wis2downloader
- TEMP data
- Test WIS2 Global Replay Service
- Will aviation have their own WIS2 node in Austria?



Question Break

- Name one country that hosts a Global Broker, Global Cache and Global Discovery Catalogue!

Cool Links

- <https://wis2grep.kma.go.kr/openapi#/wis2-notification-messages>
- <https://wdqms.wmo.int/transition/gts-to-wis2/synop/>



THANKS FOR YOUR ATTENTION

Anita Paul, Jürgen Feigl,
Manfred Hautzinger, Martin Auer,
Thomas Kolejka,





MBA-ish - Workplace Satire 
@MBA-ish

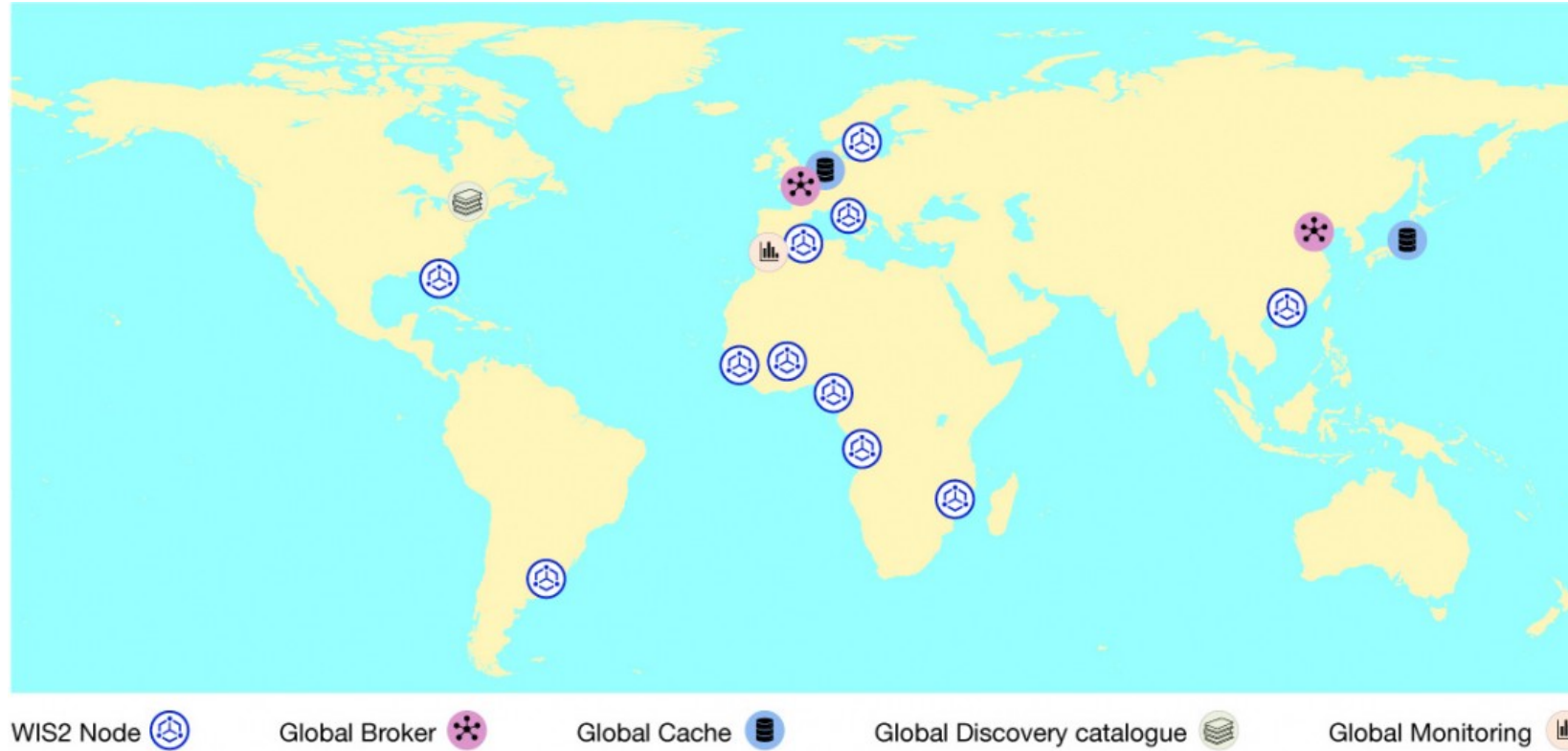


The Millennial Work Anthem

Roses are red,
Work makes you scream,
I used to have dreams,
Now I have memes.



GeoSphere
Austria



<https://www.ecmwf.int/en/newsletter/176/computing/wis-20-wmo-data-sharing-21st-century>

- <https://www.hivemq.com/demos/websocket-client/>
- **host:** globalbroker.meteo.fr
- **port:** 443
- **user** everyone
- **topic:** origin/a/wis2/+/data/core/#
- <https://jsonpretty.org/json-to-table>
- <https://wis2grep.kma.go.kr/>
- <https://tableconvert.com/csv-to-html>

