

# First ECMWF-Météo-France Interoperability feedback

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*Third Workshop on the use of GIS/OGC standards in meteorology*



**METEO FRANCE**  
Toujours un temps d'avance

# Overview

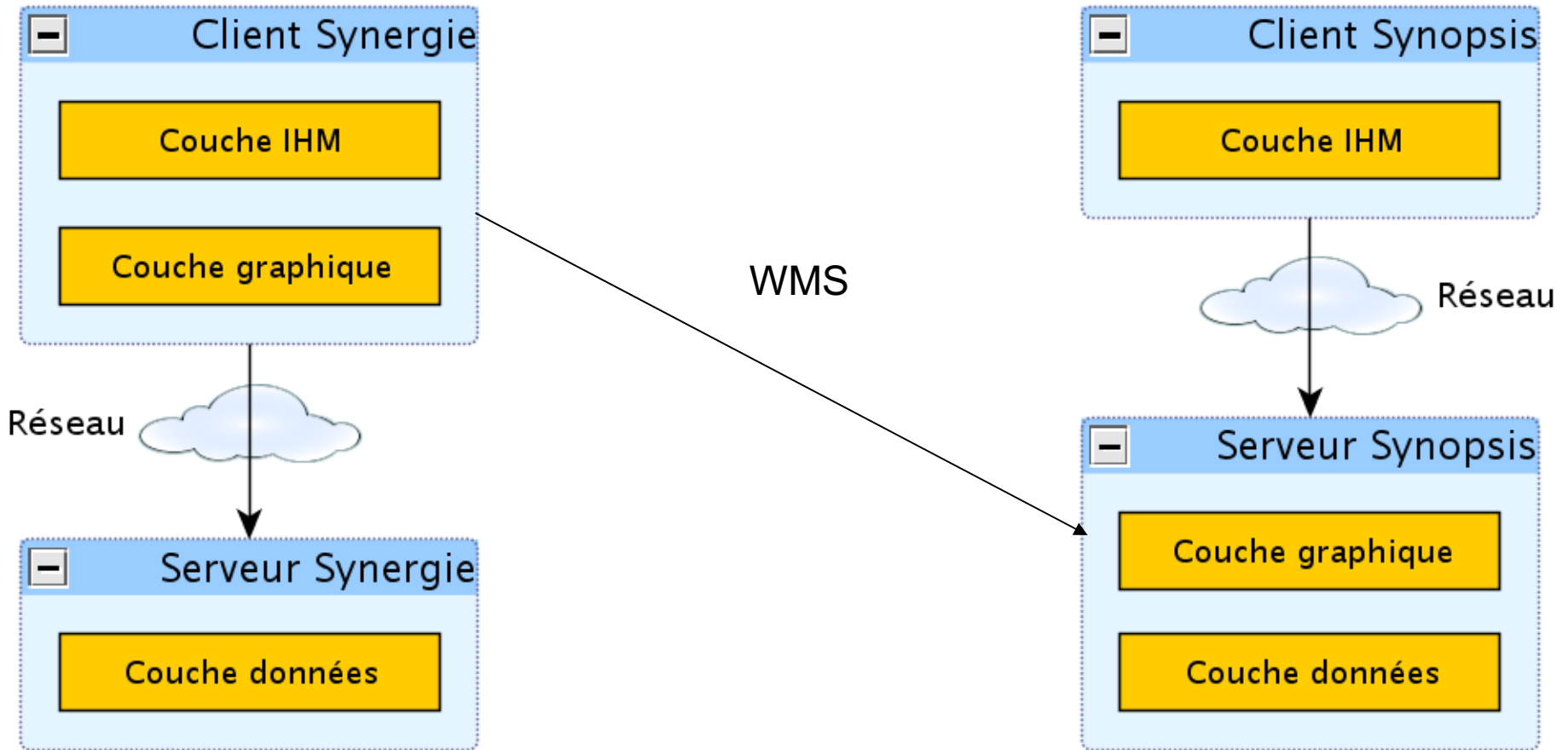
- Synopsis and Synergie
- Some example of interoperability with WREP
- Validation



# Synopsis and Synergie

- Synergie the French forecaster workstation has to be renewed
- Synopsis is the name of the project of Synergie re-engineering
  - To take into account new needs from users (data, presentation of data, ...)
  - To shift to a Service Oriented Architecture
  - To manage OGC standards (if possible)
  - Shift graphics from client to server.



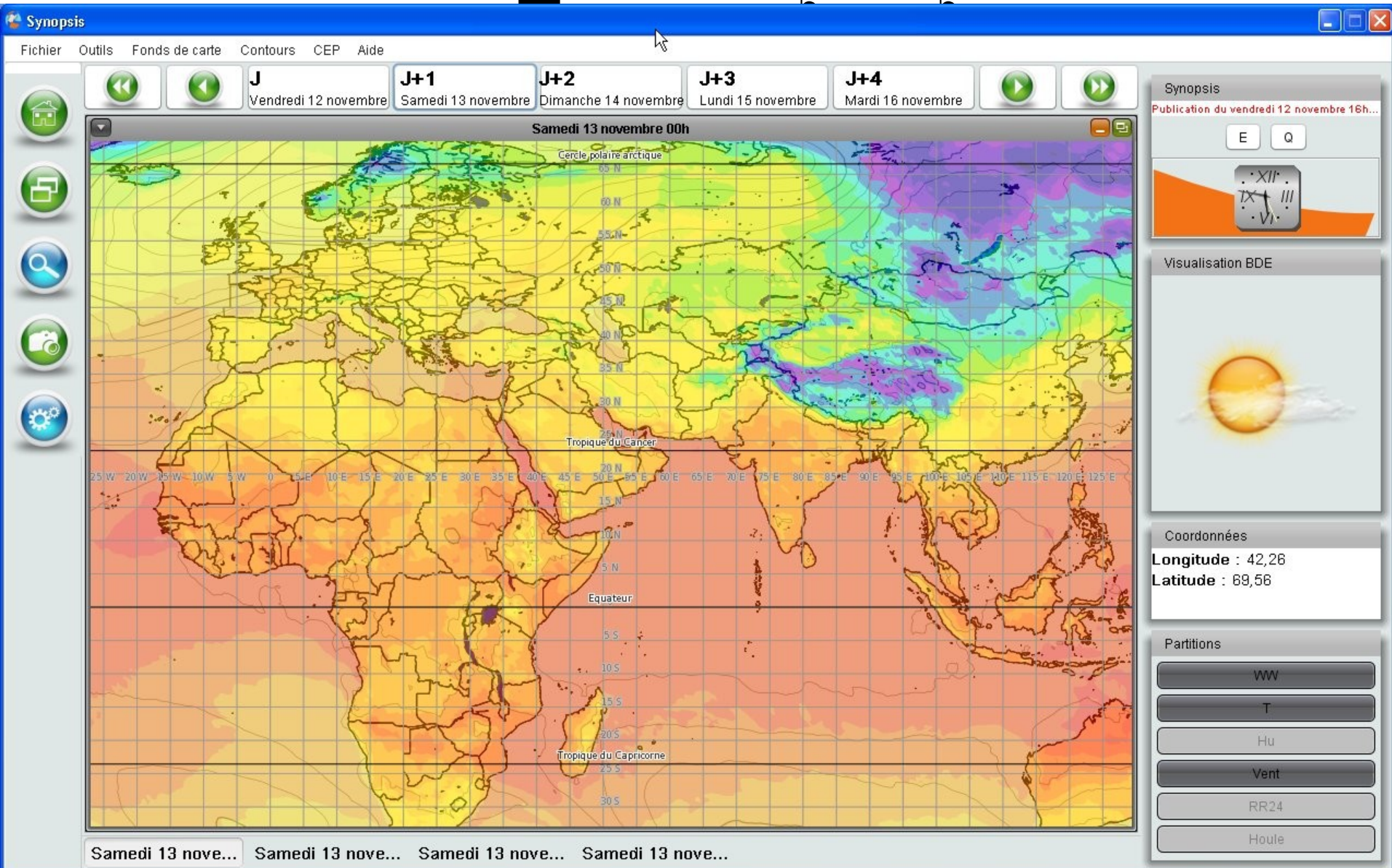


# Interoperability and ECMWF

Test on ECMWF WREP facilities

Example of Temperature and MSL pressure fields on Synopsis first GUI

# ECMWF Temperature troug Synopsis



# But ...

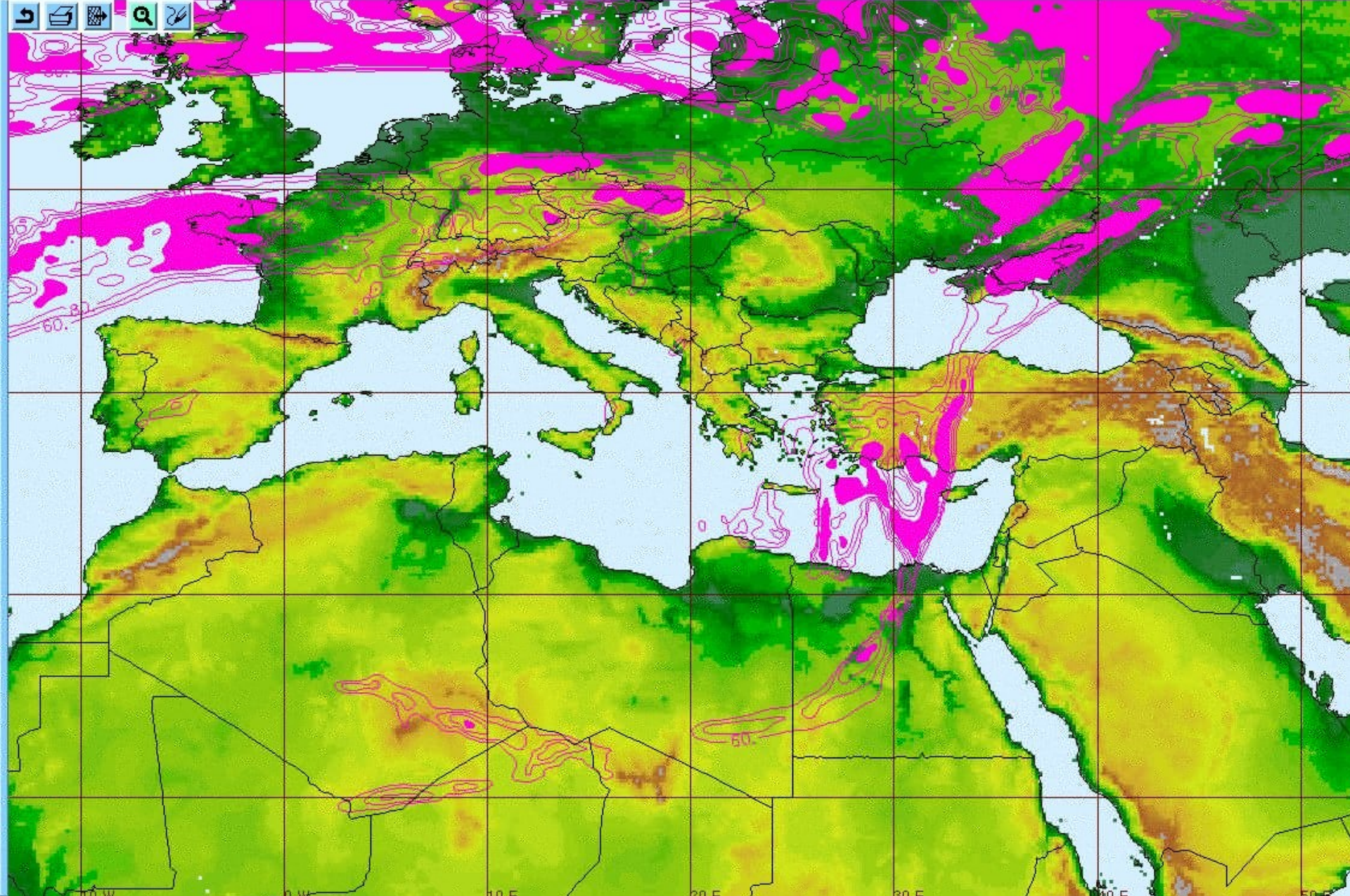
Are we sure

- To have the right projection ?
- To be at the right time ?
- .....
- Test with 500 Hpa humidity for Saturday 13 th at 12 UTC
  - Synergie with all the data received from ECMWF dissemination (our reference in this test)
  - Synopsis through ECMWF WREP



# Synergie vue

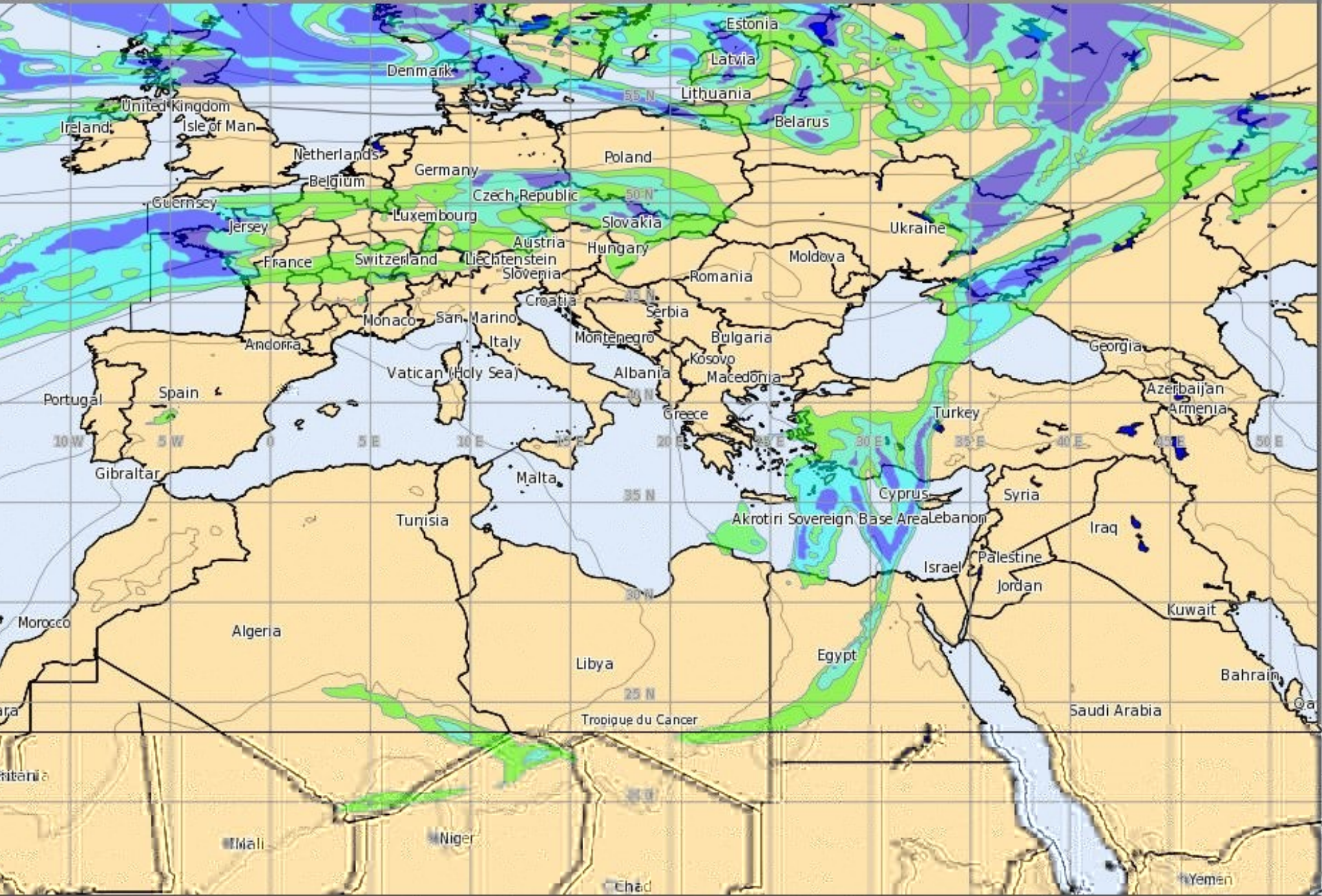
Pour sam 13 00UTC Hu 500HPA Ech24H CEP0,5 12/11/10 00UTC





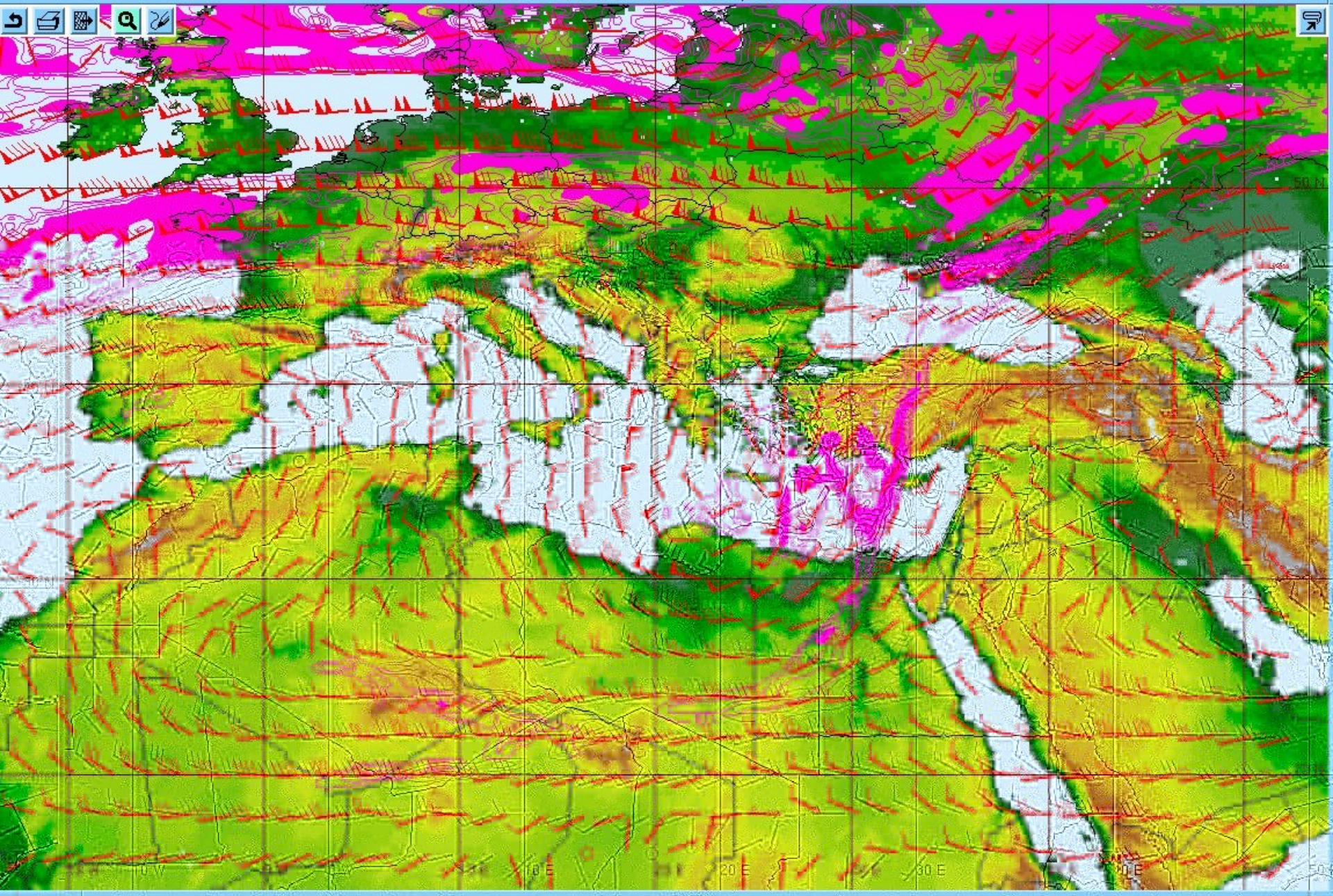
# Synopsis Vue

Samedi 13 novembre 00h



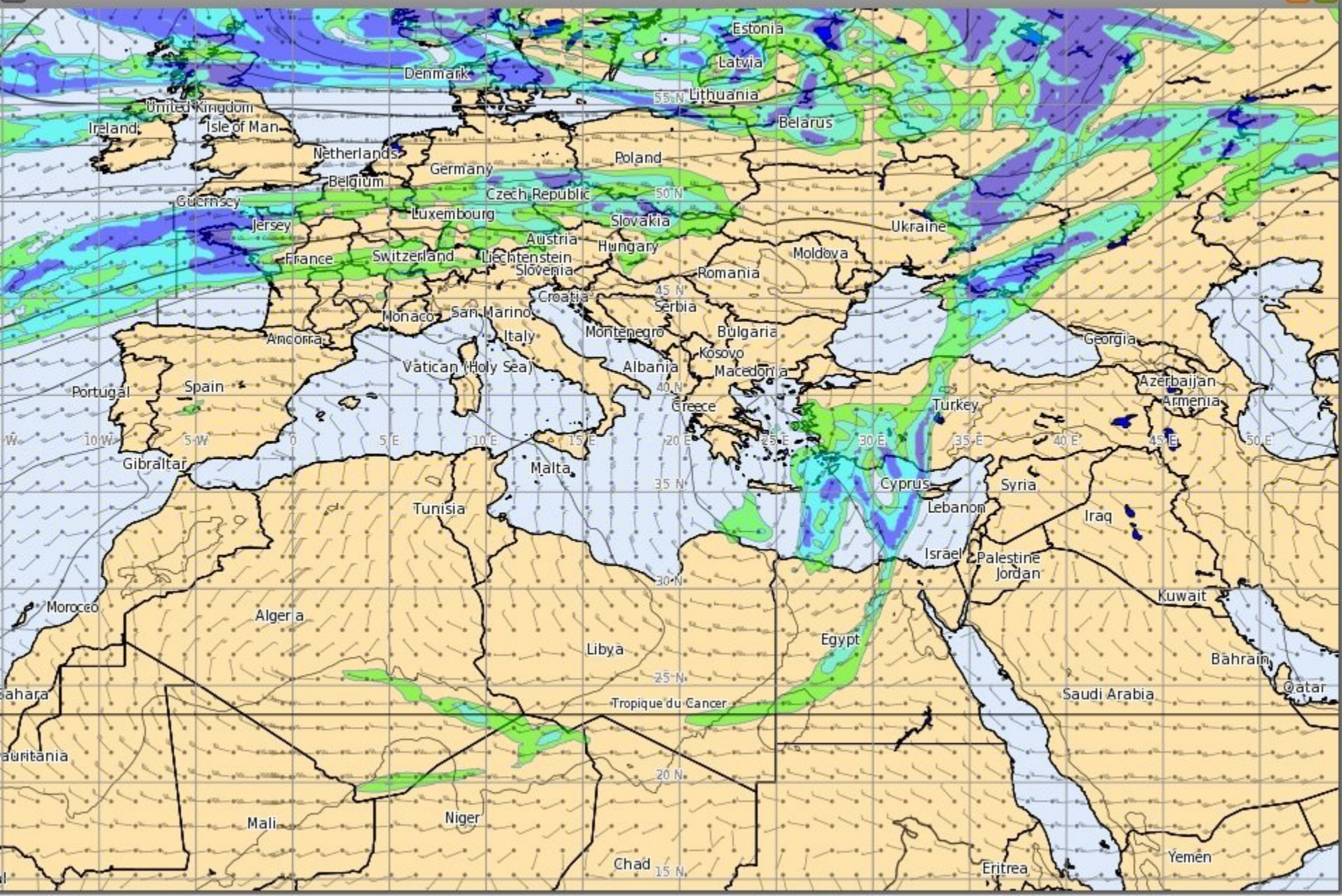
# Synergie vue

Pour sam 13 00UTC Hu 500HPA Ech24H CEP0,5 12/11/10 00UTC



# Synopsis Vue

Samedi 13 novembre 00h



## Météo-France

IHM Synopsis  
Visu Sympo2



webservice OGC



Serveur Synopsis



Internet

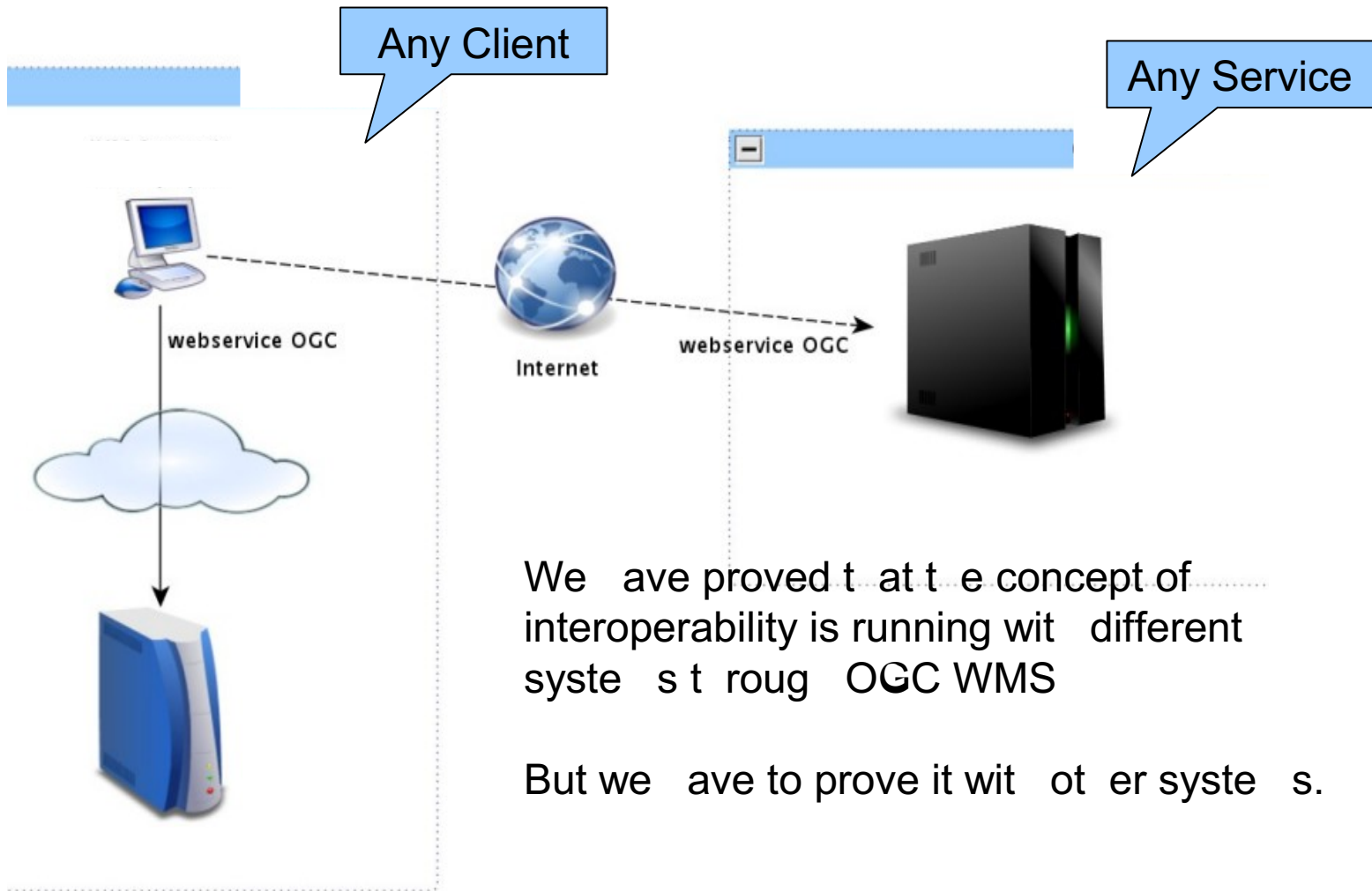
## ECMWF

webservice OGC



Serveur WREP





We have proved that the concept of interoperability is running with different systems through OGC WMS

But we have to prove it with other systems.

Thank you



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