

Meteo France WIS services users interface

Benjamin Saclier

Agenda item number



WMO OMM

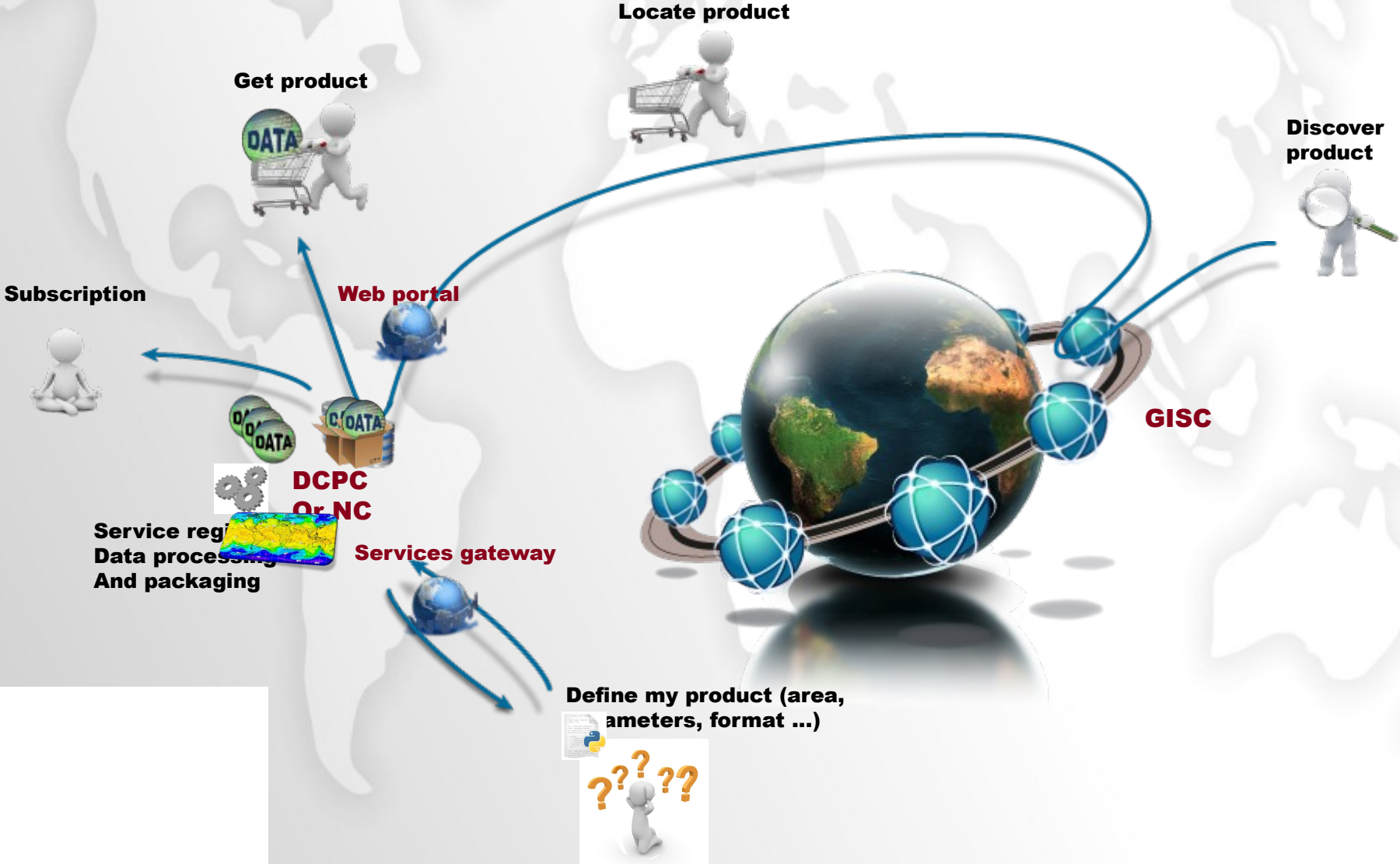
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Expert Team on WIS Centres

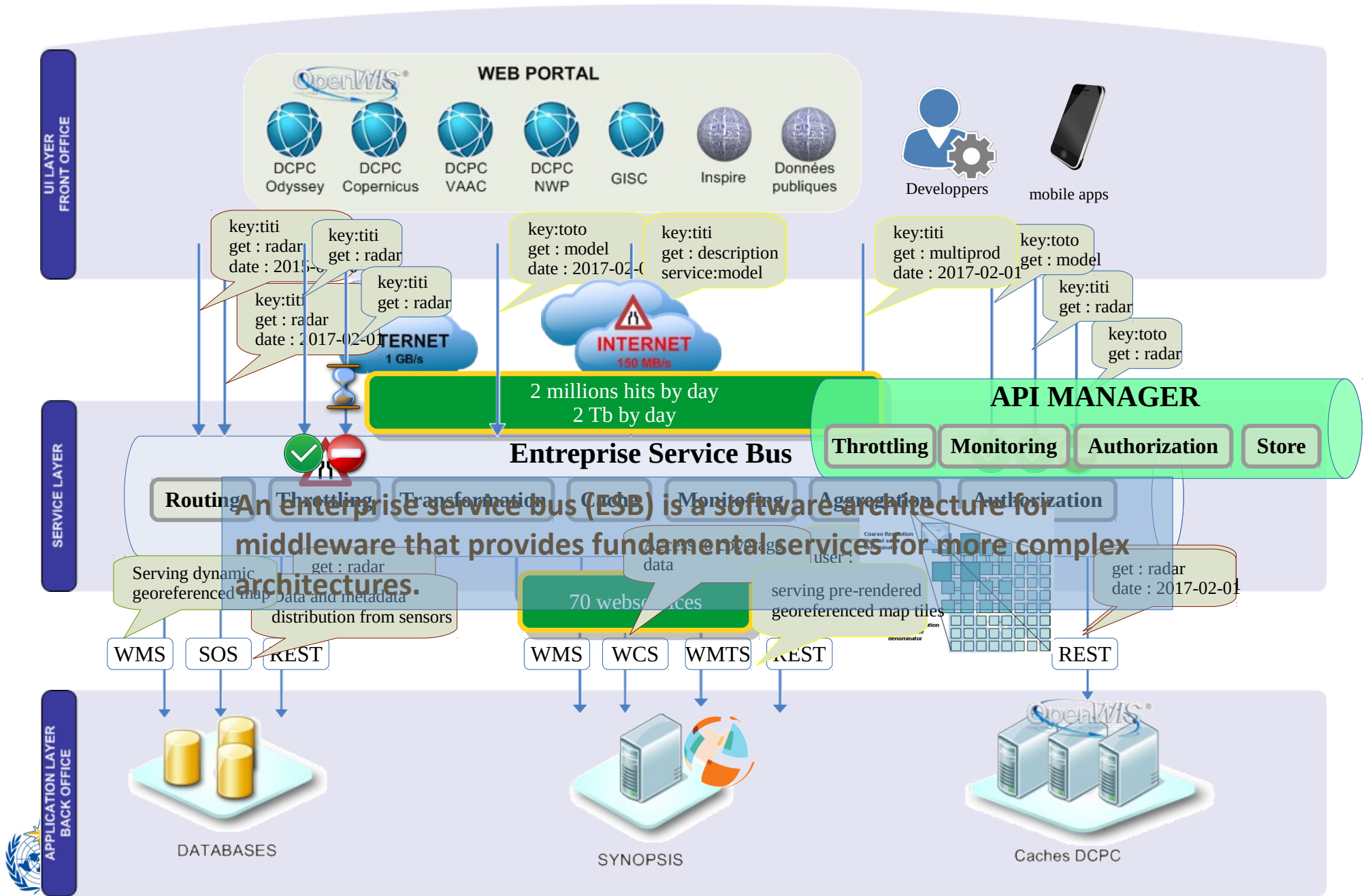
ET-WISC2017

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WMO INFORMATION SYSTEM



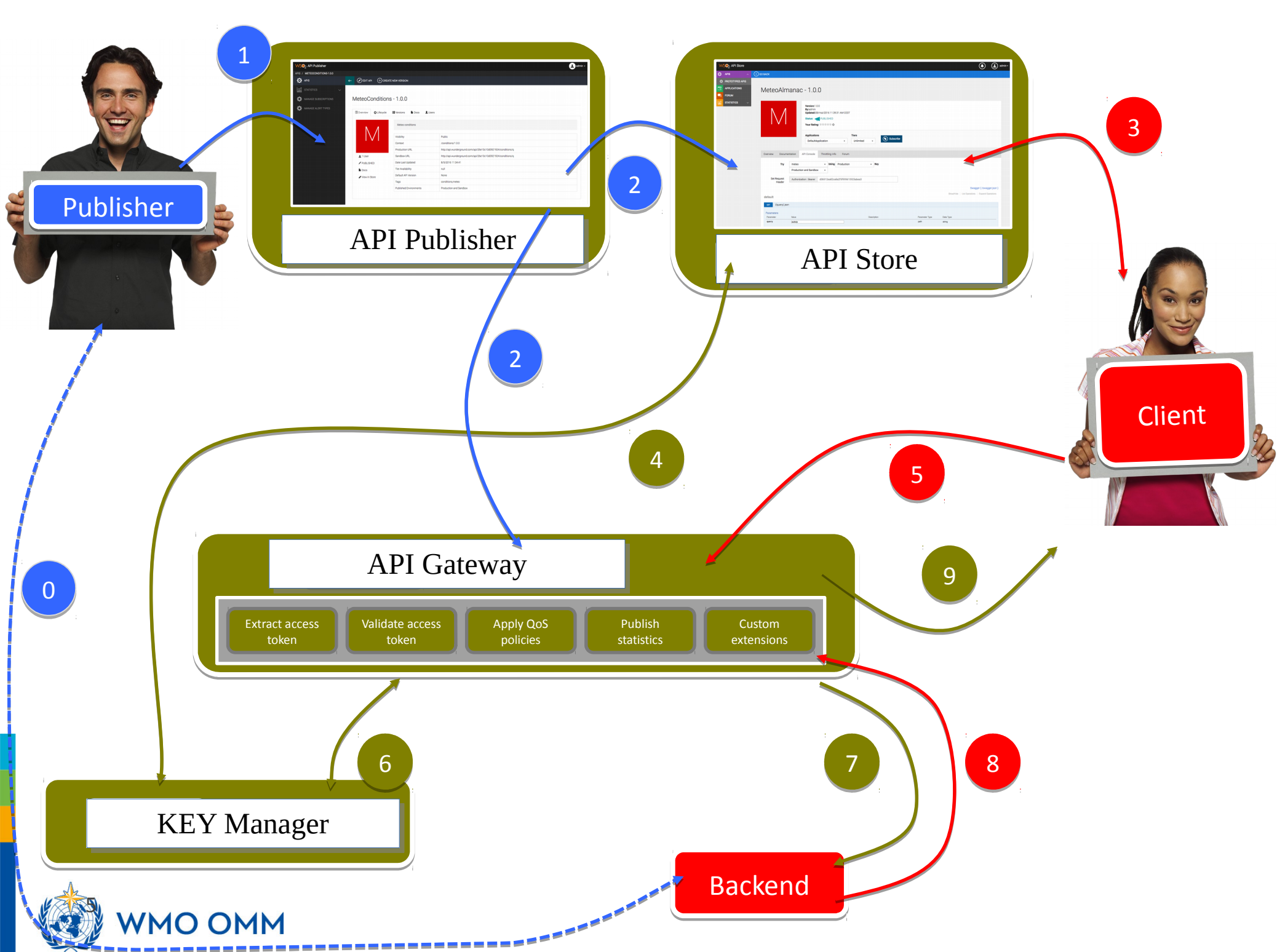
METEO FRANCE API ACCESS



API Manager functionalities

API Manager (APIM) is an open source solution that supports :

- Create APIs and publish them
- Lifecycle management (multiple versions, deprecate, sandbox...)
- API discovery through store
- APIs subscription
- APIs versioning
- Monitors API and application usage
- Secure APIs
- QoS functions



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Benefits

- Single point of entry to our services / data
- Inventory of all our services
- Publication of our services
- Marketplace, monetization
- API developers only focus at the heart of the service, Openmeteo gateway in charge of :
 - ★ Authentication
 - ★ Monitoring, analytics
 - ★ Protection, rate limiting ...
- Opensource and standards usages

Sharing of experience

- Need for a service catalogue
- Guide, support for services usage
- Lifecycle
- To be adopt by users,avoid the services jungle :
 - Simple services
 - Standardization of services
 - homogenization: services parameters, terminology, date format ...

Demo

- <http://www.regional.atmosphere.copernicus.eu/>
- WMS service for global model : [link](#)
- Services store (under construction)

Summary (Text for report)

- Mr Benjamin Saclier presented the WIS service platform used by Meteo France. He notes that there is a strong need of WEB 2.0 services for WIS users. To ensure the success of its, we should standardize services which may be propose by DCPC, NC... In addition, we should engage a reflexion for a mutual WIS services discovering plateforme.

Thank you Merci



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