



# PEPS

French Exploitation Platform for the Sentinels data

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*On march 18th 2015, ESA and France's CNES space agency, have signed a collaborative agreement on managing and accessing Sentinel data*

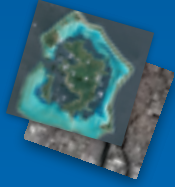
*The PEPS platform became officially the french access point to the Sentinels data*

PEPS





Sentinel 1-2-3



PEPS





Sentinel 1-2-3



**8 products / minute**  
**24/24 7/7**

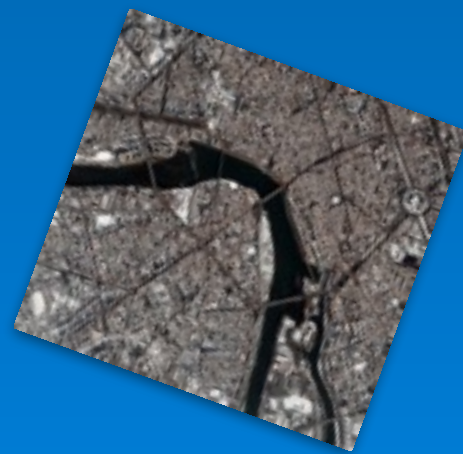


PEPS

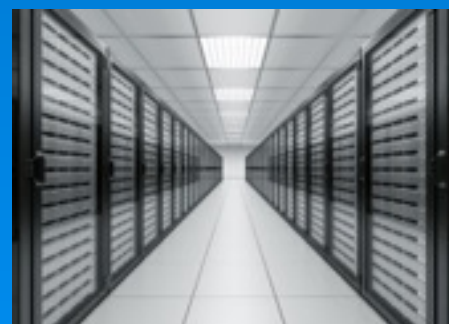


*Sentinels products are  
retrieved from ESA hub*

PEPS



*They are stored in CNES data center*



**7 Petabytes**  
**10 millions products**





*Product metadata are semantically enhanced  
by the iTag automatic process*



*Product metadata are semantically enhanced  
by the iTag automatic process*



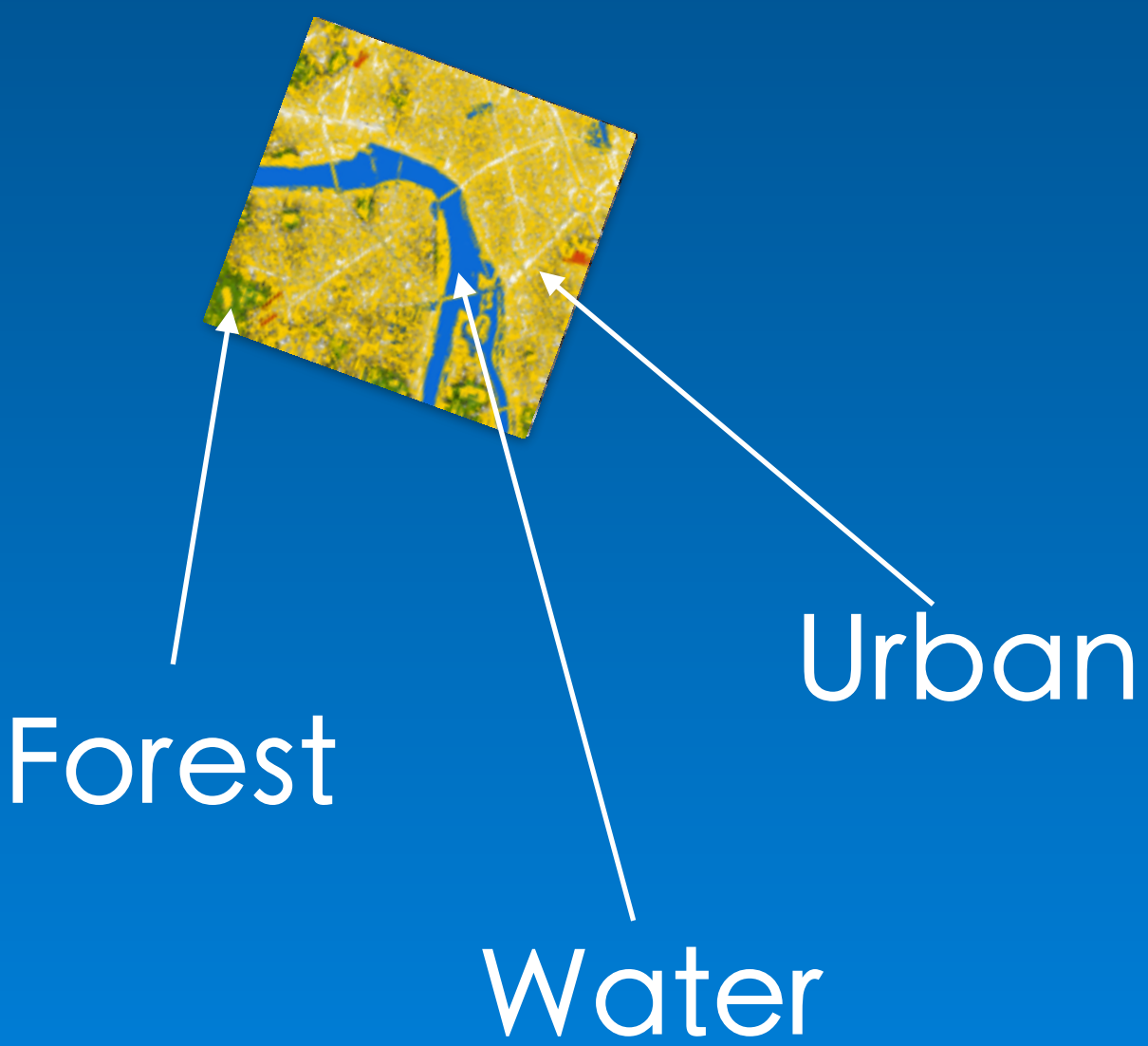
Forest

Urban

Water

Europe  
France Ile-de-France  
Paris

**Metadata Processing  
~0.5 second / product**



Europe  
France Ile-de-France  
Paris

The text is arranged in a hierarchical structure, with 'Europe' at the top, 'France Ile-de-France' in the middle, and 'Paris' at the bottom, indicating a geographical context for the data.

PEPS



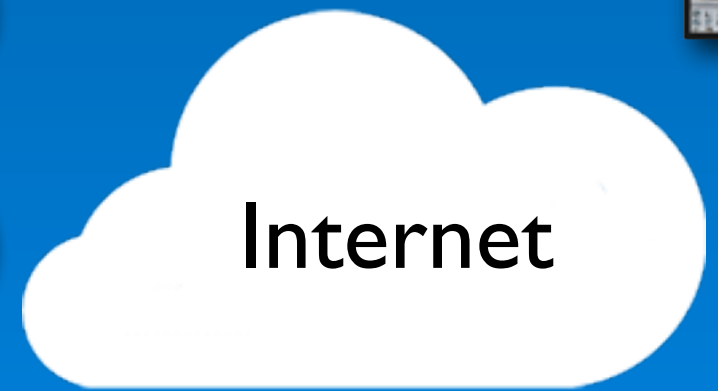
REST Webservices

Search

Visualize

Download

Process



2016



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