

3rd GEO ●●●
DATA
PROVIDERS
WORKSHOP

DATA PROVIDERS
MEET USERS

FRASCATI, ITALY
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#GEODATA18
bit.ly/GEodataworkshop

Data Providers Metrics Needs

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From the "Report of the 2nd GEO data Providers Workshop

Report on break-out sessions



- **Highlights the importance of statistics for providers (user contacts, search hits)**
- *Having global statistics on data search (data type and location)*
- *How data was used – statistics by who, from where*
- *Statistics about number of dataset clustered by topic/region*
- *Usability statistics*
- *Important to have statistics and origin request*
- **A Data providers dashboard showing statistics on my data catalogue including usage, data metadata quality metrics would be nice**
- *Usage statistics sent via e mail to each provider including all errors regarding the datasets*
- *Statistics: what type of users access which resources...*
- *Statistics: no. of users accessing a given resource?*
- **Compulsory: Access to the statistics has to be in real time for the data provider and for the operations**
- *Researching the statistics of using of services – feedback;*

- **“GEOSS Facilitator”** (We operate for the Energy community) since 2008
- Gather, spread and promote the use of **Earth observation data for Energy**
- Support GEO VENER (GEO Vision for ENERgy) initiative
- Network of **20 resource providers**
 - Research & Gov. Ag., NGO, Industries, Companies, SMEs
- SDI based on **Open Standards** (OGC, ISO, INSPIRE)
- Link to GCI through our OGC/CSW Catalog
 - **Weekly harvested by the DAB -> GEOSS Portal**



International Data Providers*

Environment



Disasters



Food & Security



Satellites



Biodiversity



Energy



Health



Water

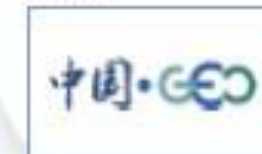


Regional and National Providers*

Chile



China



France



Germany



India



Italy



Japan



New Zealand



Norway



Russia



Spain



United Kingdom



USA



Private Sector Providers



* a selection of more than 150 providers

GEO Website



earthobservations.org

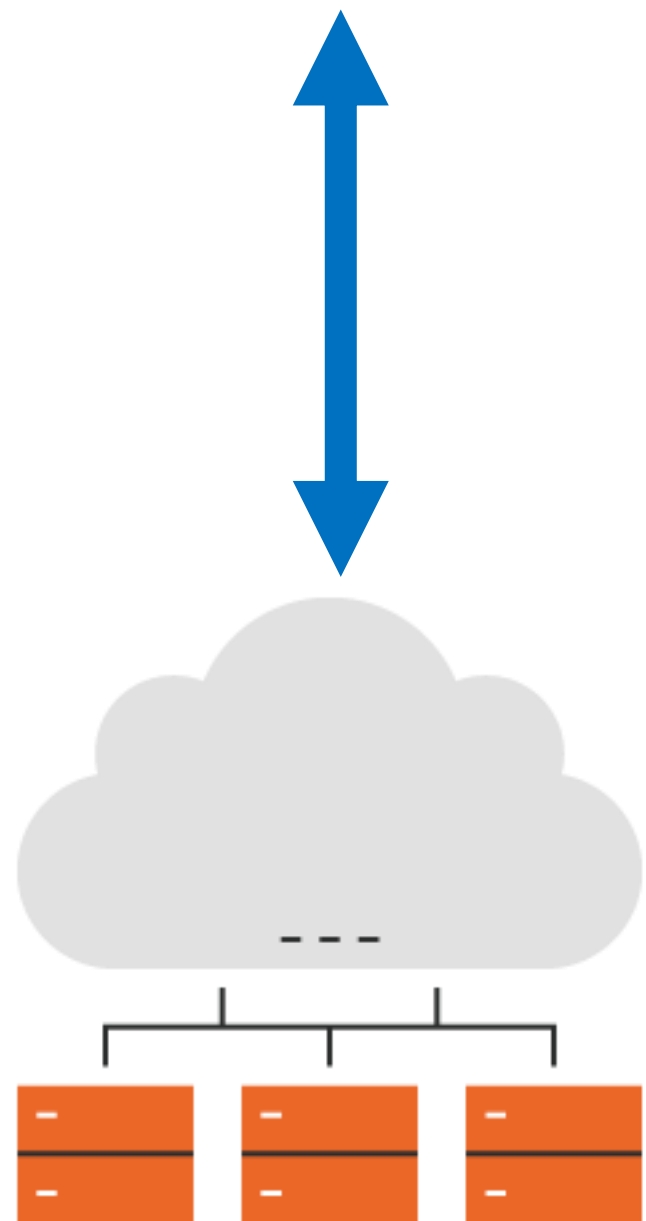
GEOS Portal



geoportal.org

GEO DAB

Discovery and Access Broker (DAB)



- 20 resource providers
- 80 harvested end-points
- Over 1600 resources WS
- 95 % harvested

Current status regarding metrics

Quite good knowledge about webservice-energy SDI metrics

- Internal statistical tools (GeoNetwork, Awstats, Google Analytics)
- External status checker (FGDC Status Checker daily report)
- GEO DAB statistics “big picture”

What I don't know from the GEOS Platform

- Performance (metrics) of the information I provide or represent ?
- Performance (metrics) of similar information (eg. *Energy, solar, wind*) ?

Data providers need for metrics

For any **GEOSS** registered data providers

- Enable **access to on-demand statistics** of GEOSS Platform components

Expected benefits for data providers and GEO communities

- Support data providers organization DMP (Discoverability, accessibility,...)
- Reward data providers efforts regarding GEO recommendation on interop.
- Better fine-tune information and metadata content
- Improve global EO data quality

Thank you

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