

CEOS Water Portal Status Update

WGISS-35

São José dos Campos, Brazil, May 9th, 2013

JAXA/Mission Operations System Office
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- Current status and Challenges
- Updates
 - Connection with broker systems (via OpenSearch)
->NASA ECHO
 - New User Interface
 - New Architecture (*Next presentation*)
- Milestone

Current status and Challenges

- Number of datasets and registered users is on the rise
 - A couple of data centers being added each year
 - Over 220 registered users as of today

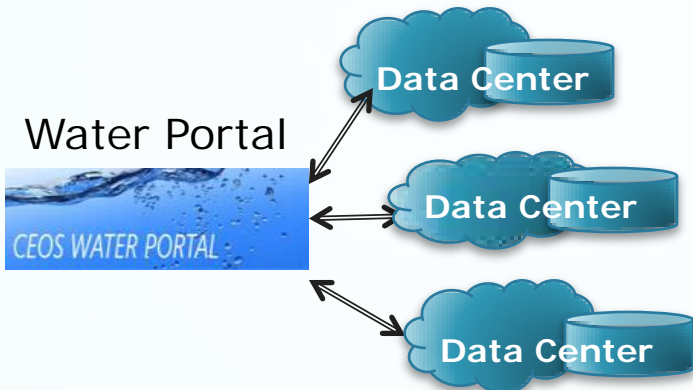


Challenges

- (1) Few access from users
- (2) Lack of information about data
(comment from a principal user)
- (3) Preparation for smooth transition to Operational phase
(CEOS water portal development is 5-year project and expected to become fully operational system)

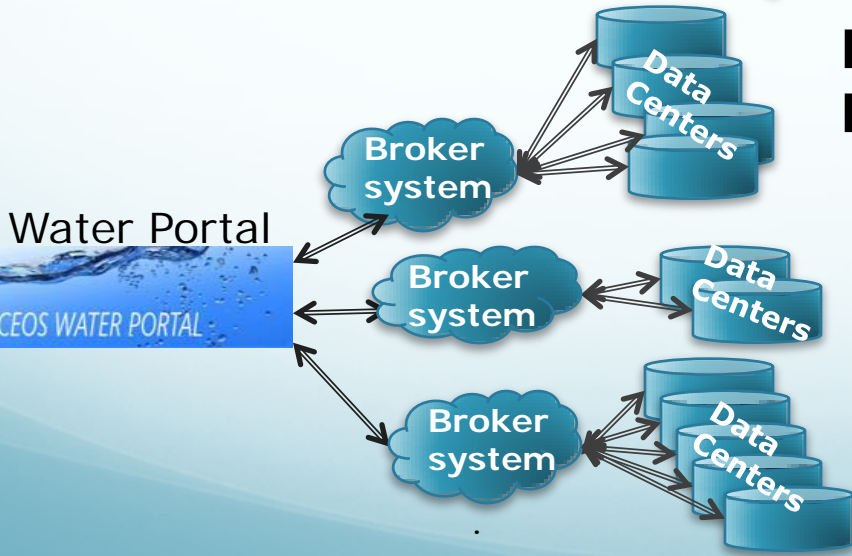
Now, update is being done to resolve the issues.

Rapid expansion of available datasets



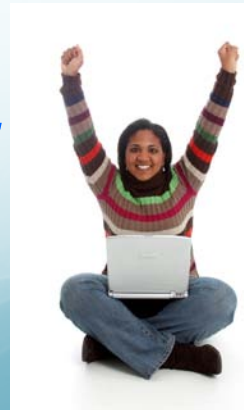
- ❑ adding data centers one by one
- ❑ only a few new datasets became available every year

“I cannot find the data I want...”



- ❑ connecting to **broker systems**
- ❑ towards drastic increase of available datasets

“I can find all the required information on Water Cycle.”



More appealing User Interface



All actions can be done in the ONE TOP page

Menu

(1) Search Options by Variable Category

(2) Dataset List for Selected Search Options by (1)

(3) Observation Sites matched by Selected Options by (1)

(4) Details of Selected data by (2) & (3)

(5) Use Cases

Variables

- Atmospheric Surface
- Atmospheric Upper-Air
- Atmospheric Composition
- Oceanic
- Terrestrial
- Other

Use Cases

- No Variable Selected
- Share my Use Case

Locations Matched

Project and Data Type

Station Data

- AWCI In-situ
- AWCI MOLTS
- CEOP In-situ
- CEOP Satellite
 - Reference Sites
 - Monsoon Regions
- CEOP MOLTS
- CUAHSI In-situ
- FLUXNET
- GEMS In-situ

Global Data

- CEOP Gridded Model Output
- GPCC
- NASA AIRS
- NASA GRACE
- GLOWASIS Gridded Model Output
- GLOWASIS Satellite

Broker Data

No Variable Selected

Datasets Matched

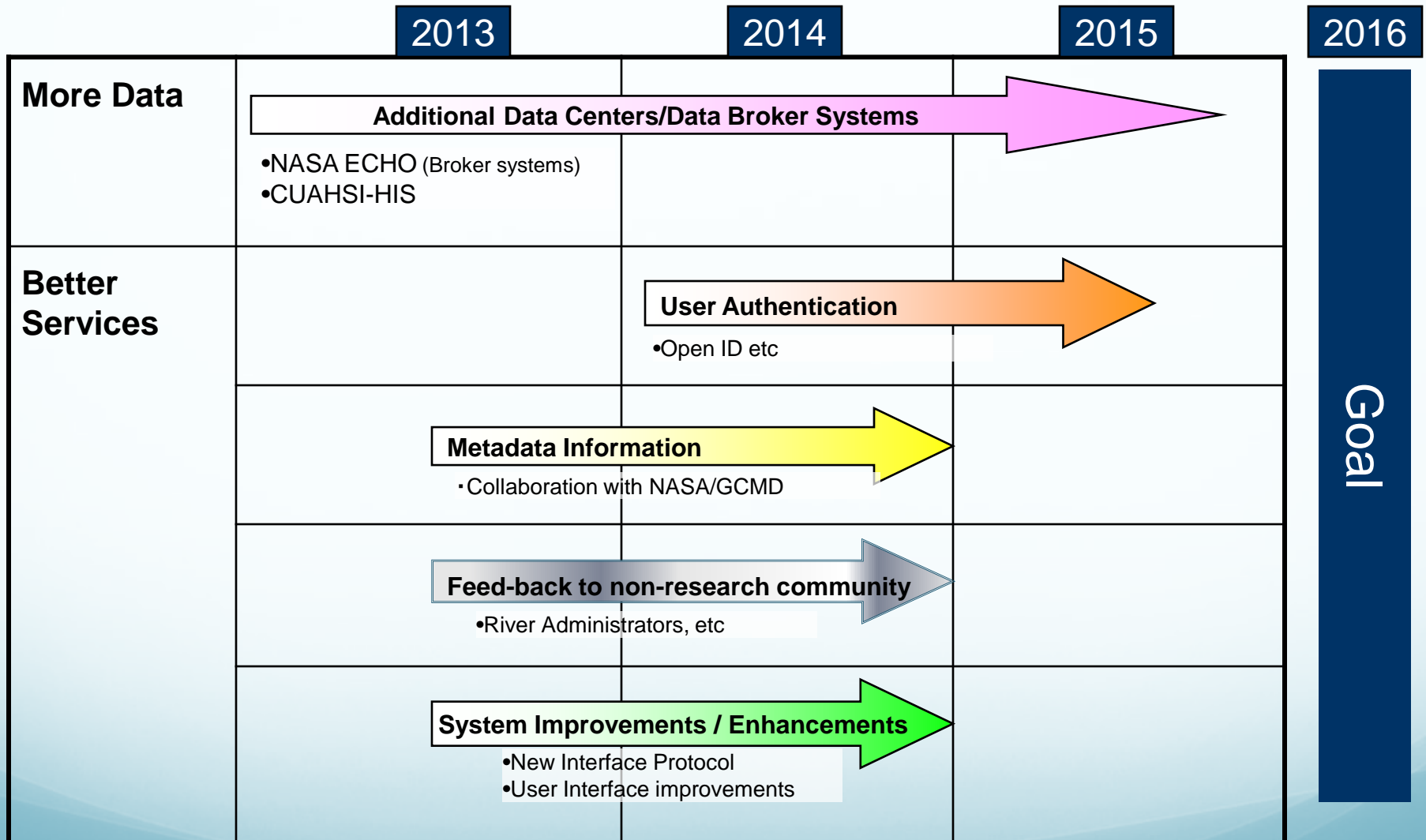
No Site Selected

Granules Matched

No Datasets Selected

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On top of these updates, drastic and ambitious change is planned.
→ separate presentation by Yoshi



Goal

*Thank you
for your attention !*

ありがとう！

Obrigado !



Back Up

