

U.S. Ocean Action Plan



Priority Habitat Information System (PHINS):

A State/Federal Partnership to provide users with information and foundation geospatial data supporting implementation of the Alliance Action Plan

www.gulfofmexicoalliance.org



Components

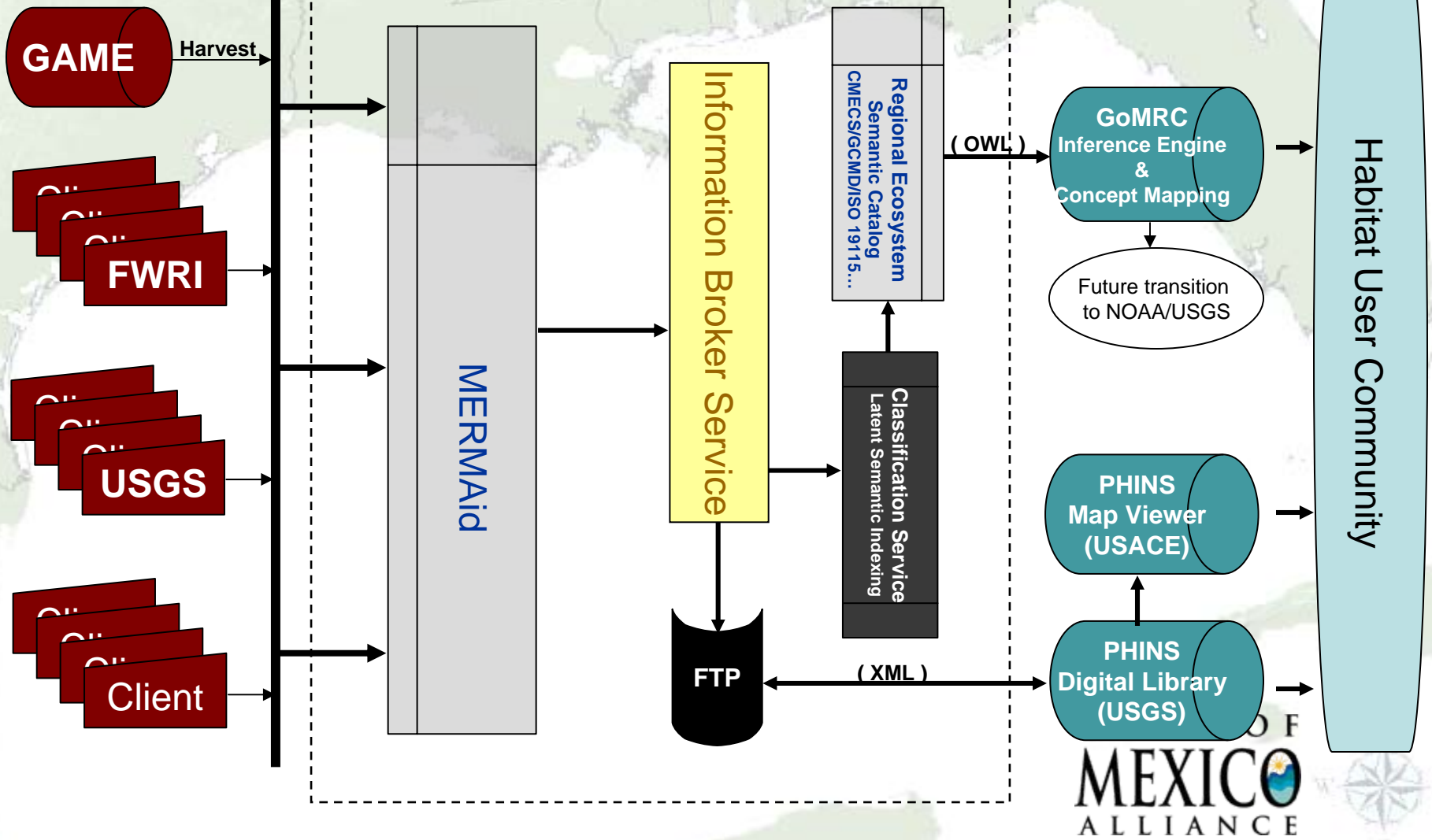
- **MERMAid** – Metadata Enterprise Resource Management Aid
- **Digital Library** – identify data, programs and projects, reports and maps, models, web sites and services, posters, by theme and key word query based on metadata records
- **Geospatial Data Viewer** – a distributed, web-services based portal to search for and view the full range of foundation geospatial data sets
- **Retrieval of Distributed Data** - access and download data and information from partner sites





Priority Habitat Information System (PHINS)

NOAA Contribution
National Coastal Data Development Center and
National Ocean Service



Regional Ecosystem Data Management (REDM)

REDM Portal

- NOAA directed effort to support the Ecosystem Goal Team (EGT) – mission or base funded
- Aligned with NOAA's Ecosystem Observation Program
- Nationwide Coverage for Data Discovery and Access
- More than data than habitat focus ... also includes resources
- Technologies included:
 - Semantic level search
 - Syndication services
 - Use of Google Map API
 - Interface to a Common Data Model



REDM Portal Relation to PHINS

NCDDC's View

- Digital Library is the central GOMA repository for Habitat metadata w/links to data
- USACE Map Viewer provides PHINS mapping services (WMS) for GOMA
- REDM could provide additional capability to the PHINS effort

