



U.S. ENVIRONMENTAL PROTECTION AGENCY

SYSTEM OF REGISTRIES

Registry of EPA Applications,
Models and Datasets (READ)

“Office of Water Use Examples”



For Conference Purposes Only





“READ for CPIC”

- For the 2011 CPIC season, OW populated the initial information for all IT investments using READ to reduce the burden on program system owners.
 - Following submission, we updated READ immediately with new CPIC information for (majors, minors, and small others), so we would have an accurate baseline and inventory of our IT portfolio.
- For the 2012 budget year, we will generate all of our CPICs again using READ with the intent of only having to update the budget information and corresponding milestones.
 - This will greatly reduce the burden upon OW project managers and system owners which makes the CPIC data call more efficient and easier to manage.
 - The official 2012 data call has not been issued and we already have system owners updating CPIC information



“READ for Enterprise Architecture”

- Assist with meeting OMB Enterprise Architecture data calls.
 - For the 2009 OMB quarterly ESAR submission, OW reused the FEA reference models mapping from READ to quickly populate data call templates.
- OW Architect uses READ to look at additional program databases, services, and systems to determine areas of potential reuse for IT solutions and collaboration with other Agency program offices.



READ for a CEQ Agency-Wide Data Call

- Since last October, OW has been supporting the White House Council on Environmental Quality (CEQ) in developing a “pending” Presidential Executive Order for Coastal and Marine Spatial Planning (CMSP).
- In support of the EO, CEQ issued a formal request to all Federal agencies to report their data and IT assets related to CMSP efforts.
- Without READ, this exercise would have been extremely difficult. READ provided a CIO authoritative baseline of Agency data and IT assets....
 - Allowing OW to pre-populate the CEQ data call and vet the results with each AA.
 - Greatly reduced the burden on Program Offices.
 - CEQ was extremely impressed with our ability to populate the data call so quickly and with high quality.
 - The information requested was almost identical to core READ information categories



READ = An Investment in Human Capital

- OW has recently experienced significant staff turnover, particularly IT system managers.
- The next generation of OW's work force expects quick information. They do not have the patience to track down historical information about OW's IT assets and the staff that manage them now.
- READ greatly reduces the learning curve for new staff and serves as our "card catalog or library" for accessing information regarding OW's IT assets.
- Several new staff have indicated using READ to simply familiarize themselves with the maze of Agency IT acronyms and to gain knowledge about other OW programs and supporting IT systems.
 - Knowledge is power and we can not deny new staff the opportunity to learn and collect information about other IT assets that they can benefit from and potentially leverage.
- US Department of Labor estimates today's learner will have 10-14 jobs by the Age of 38!
 - 1 in 4 workers has been with their current employer for less than a year!
 - 1 in 2 workers has been their less than 5 years!

Don't You Think This Demands the Retention of Assets, Institutional Knowledge, etc?



OW Commitment To READ

MEMORANDUM

SUBJECT: OW Support and Thanks for READ

FROM: Mike Shapiro
Deputy Assistant Administrator (DAA)

TO: Linda Travers
Chief Information Officer (CIO)

On behalf of the Office of Water, I am writing to express our thanks and support for continuing to provide The Registry of EPA Applications and Databases (READ) system as an Agency authoritative repository for IT assets. OW uses READ for various IT strategic planning activities and data calls. READ has reduced our burden substantially related to the following activities;

- Capital Planning and Investment Control (CPIC)
- OMB Enterprise Segment Architecture Reporting (ESAR)
- Education asset for new IT system managers and staff
- White House Council on Environmental Quality (CEQ) Presidential Executive Order Development



OW READ – Next Steps

- Work to continue to encourage system owner stewardship in keeping the information current
 - Do a better job populating the “technical” information
 - Begin to populate the FEA Data Reference Model (DRM)
- Conduct a series of BBL to continue marketing the system and encouraging its use for IT asset search and discovery.
- Continue to be an advocate for the system