



EPA Portal

The Future for Community Collaboration on the
Web

November 16, 2007



For Conference Purposes Only



EPA Portal

Place
The ~~Future~~ for Community Collaboration on the
Web *Today!*

November 16, 2007



For Conference Purposes Only



❖ Purpose

- To illustrate how organizations are using the EPA Portal to meet their business needs today

~ AND ~

- How you can make it work for you!!!





❖ Agenda

- The Portal: Serving the Business Needs of the Agency
- Environmental Science Connector
- Clean Watersheds Needs Survey
- End Results





❖ Serving the business needs of the Agency in three areas:

- ✓ Collaboration
- ✓ Information Access
- ✓ Applications Development



Collaboration & Web 2.0



- ❖ “Web 2.0...makes the most of the advantages of the Web, delivering software that gets better the more people use it, consuming and remixing data from multiple sources, including individual users, while providing their own data and services in a form that allows remixing by others, creating network effects through an architecture of participation” – *Tim O’Reilly, October 2005*
- ❖ “Web 1.0 was about connecting computers and making technology more efficient for computers. Web 2.0 is about connecting people and making technology more efficient for people.” – *Tim O’Reilly, November 2005*



Collaboration



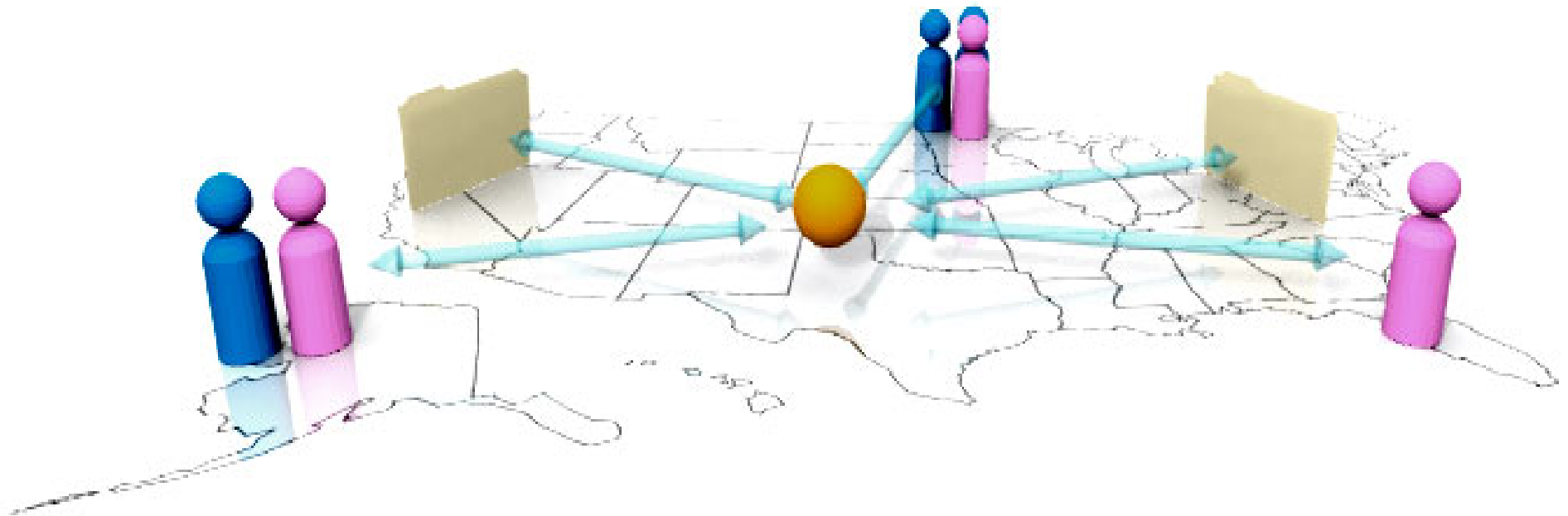
- ✓ Provides a **single web address** and standard interface for Agency business partners to trade information and conduct business with EPA
- ✓ Available to **all team members**, regardless of location or organizational affiliation
- ✓ Screens can be **personalized** based on a user's role, affiliations, personal preferences, and other factors
- ✓ Members can **share ideas** via document libraries, discussion boards, web conferences, and instant messaging
- ✓ Facilitates real-time **collaboration** with internal and external peers to share ideas and knowledge
- ✓ Fosters an **community environment** in which all members are encouraged to participate



Collaboration Functions



Collaborate with your peers through online meetings and file sharing capabilities



Information Access



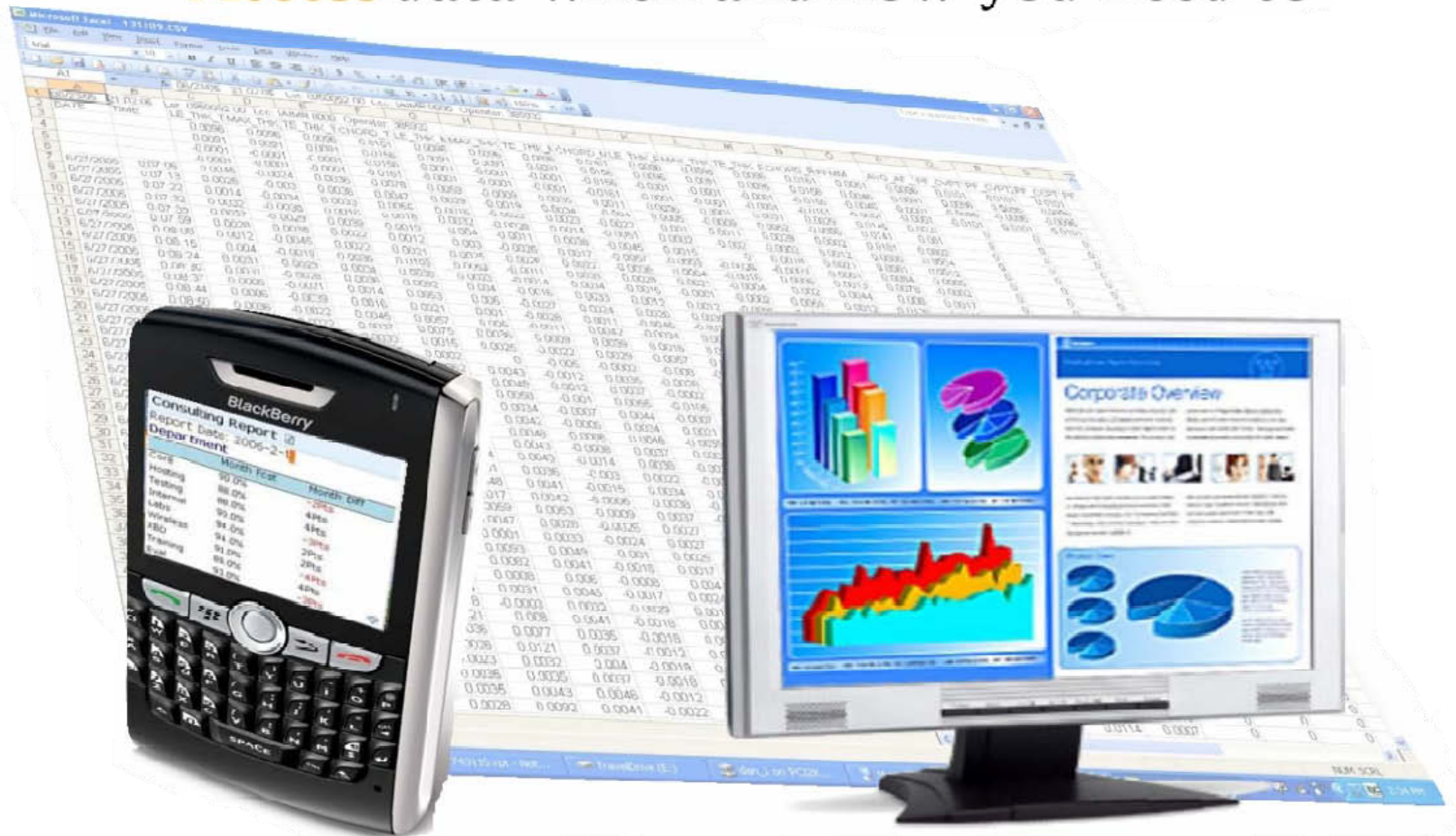
- ✓ Access resources in a unified and secure fashion from **anywhere around the world**
- ✓ **Customize information**, displaying the data and tools relevant to your business needs
- ✓ Improve access to resources and work processes by **Regions, States, Local Communities, and Private Sector**
- ✓ Ensures **controlled, authorized access** to Portal content, systems and tools and provides for centralized management of user identities
- ✓ **Organizes** resources to easily find data sources and analytical tools



Information Access Functions



Access data when and how you need to



Applications Development



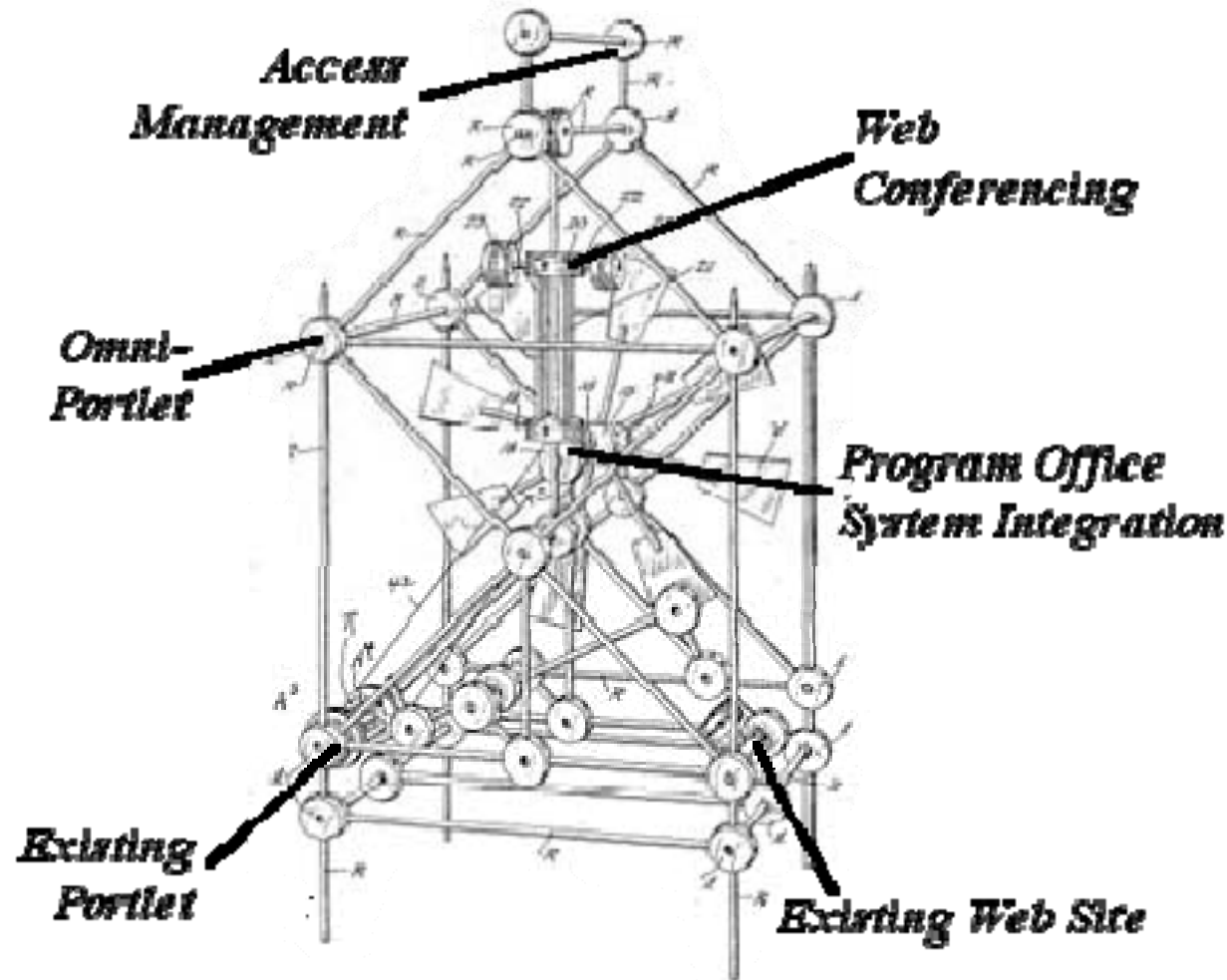
- ✓ Realize **cost savings** through a enterprise environment
- ✓ **Encourages reuse** based on shared needs
- ✓ Allows Program Offices and Regions to **share** their solutions interested individuals
- ✓ New content can be **rapidly deployed** by non-developers
- ✓ Leverages the power of **Java 2 Enterprise Edition** for extensibility
- ✓ External services and applications are available for rapid **integration using Web Services** and other technologies
- ✓ **Integrates** with most existing systems
- ✓ Allows for **growth** and **maturation** as new requirements and opportunities to employ new tools are identified



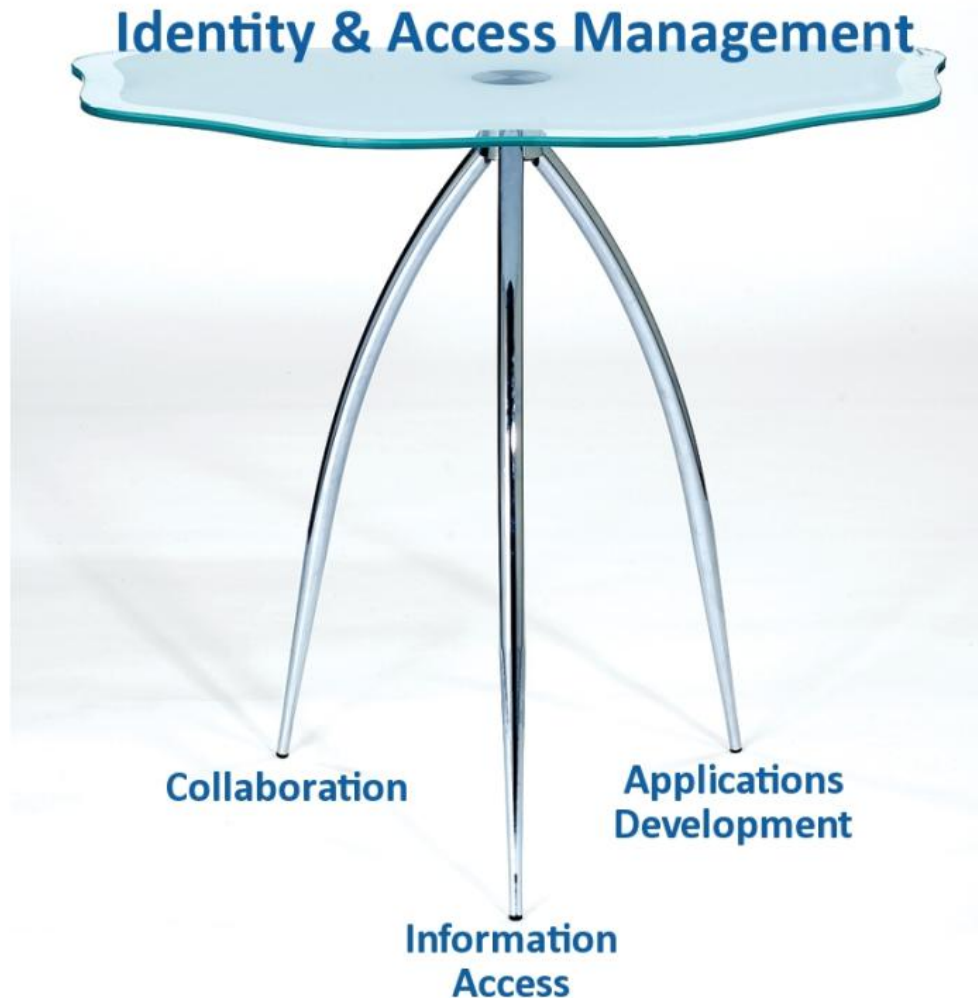
Applications Development Functions



Modular Development by Combining Existing and Custom Resources



Portal Supported By IAM



IAM Supports the Portal by Enforcing Security and User Management Best Practices





❖ What is Identity Management?

“A set of processes, and a supporting infrastructure, for the creation, maintenance and use of digital identities. It's about making the right things available to the right people at the right time, and then having audit and logging capabilities that show what happened.”

Jamie Lewis, President, Burton Group



What is an “Identity”?



I’m Maja Lee



I work for EPA



I work in IT



I live in Arlington, VA



- ❖ In other words, an “Identity” is:
- Who you are
 - Defined information we need to know about you



What is Access Management?



❖ Access Management

“Limiting access to information system resources only to authorized users, programs, processes, or other systems.”

Information Security Standard 99 (INFOSEC-99)

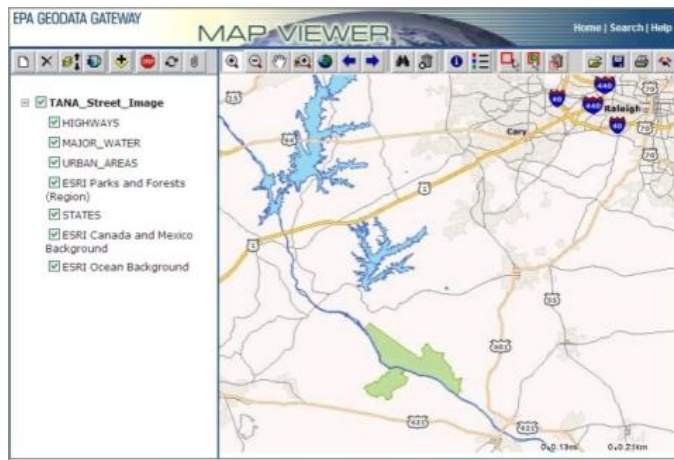


What is Access Management?



I can access Portal

I can access this system



I can access this application.

I'm not allowed into other applications.



- ❖ Access Management, in other words is:
 - Access to the right application and a person's role within the application



IAM Benefits



- ❖ IAM supports EPA owned web applications by providing:
 - ✓ **Controlled access** to information, based on groups and roles that are assigned to a user
 - ✓ An **enterprise identity store** with single identity for each user that can be used to access multiple applications
 - ✓ **Assigned groups and roles** that govern the information a user can access
 - ✓ **Improved security** by providing the capability to modify user access to multiple applications quickly
 - ✓ **Reduced development dollars** as individual applications no longer need to develop code for user and access roles management
 - ✓ **Single Sign-on (SSO)** for EPA Web and client-server based applications



IAM Environment



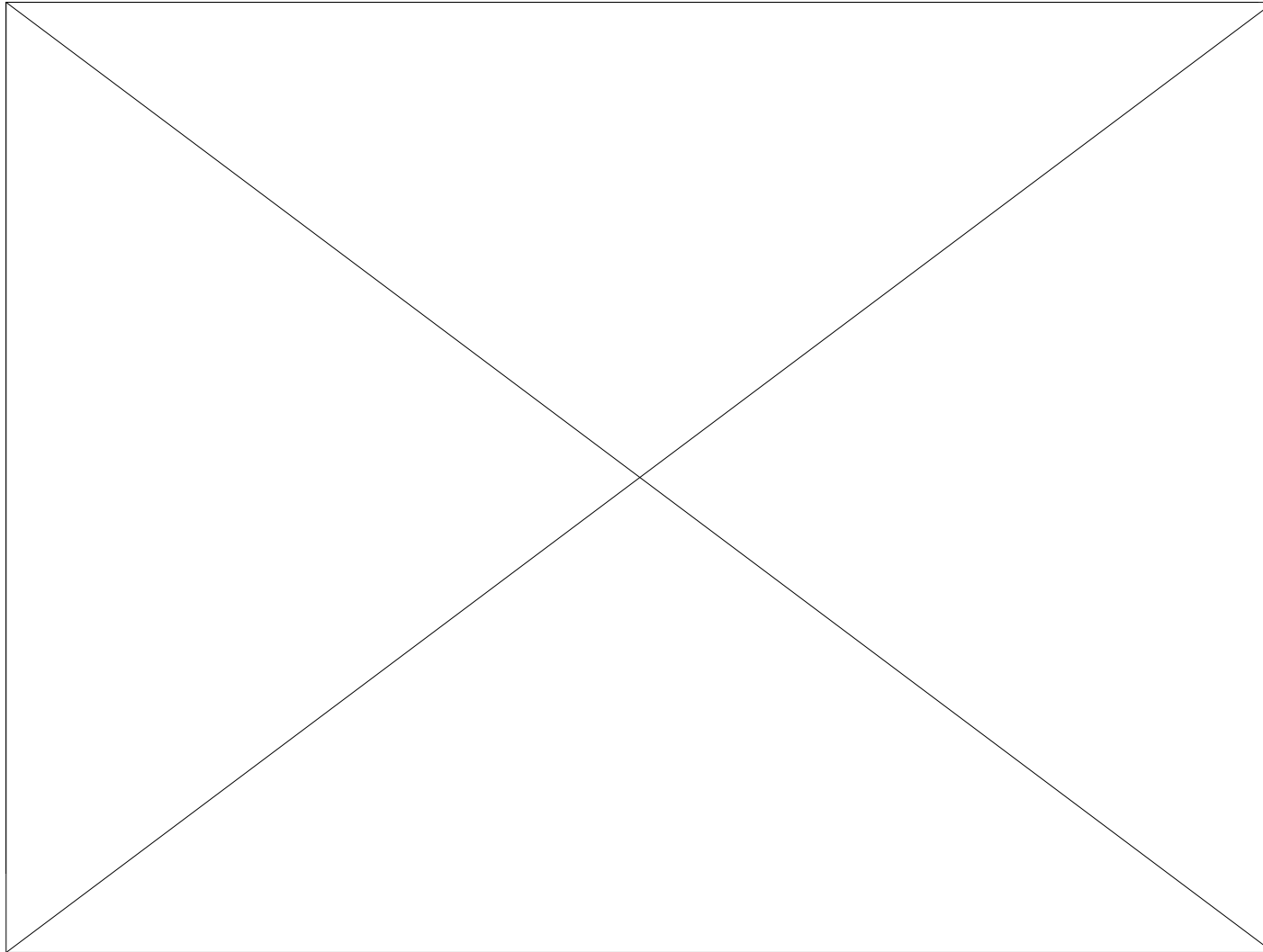
- ❖ The IAM environment comprises of:
 - Oracle Access Manager (OAM), and
 - Oracle Internet Directory (OID)

- ❖ Oracle Access Manager (OAM):
 - Provides “out of box” capabilities for user/role management
 - Provides Web services capability for IAM services
 - Identified as the best solution for EPA by Gartner and Burton Group

- ❖ Oracle Internet Directory (OID):
 - LDAP compliant internet directory that stores identity data
 - OID contains synchronized data from People +, SIMtree and Lotus Notes
 - Contains information on external users who registered through the Portal
 - Compatible with HSPD-12 databases/solution



Portal Communities and Partners



*Here today...
...here tomorrow!*





Environmental Science Connector

Office of Research and Development (ORD)
Information Management and Technology Staff
Jacques Kapuscinski

<http://portal.epa.gov/ESC>



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Challenges in Promoting Collaboration



- ❖ Stove-piped approach across EPA to providing resources to scientists and researchers
- ❖ Difficult to share information or tools among research projects across ORD and the Agency
- ❖ No consistent way for scientists to easily collaborate with their internal and external partners



What is the Science Connector



- ❖ Collaborate and share research and project information
 - Conduct real-time, interactive scientific investigation in shared workspaces
 - Find related projects
- ❖ Customize content
 - Users organize their information to support the various ways that scientists work
- ❖ Dynamic workspaces
 - Access tools, resources (e.g. Data, Models, Scientific Sources and Publications)

All the tools for a scientists' workbench in one place



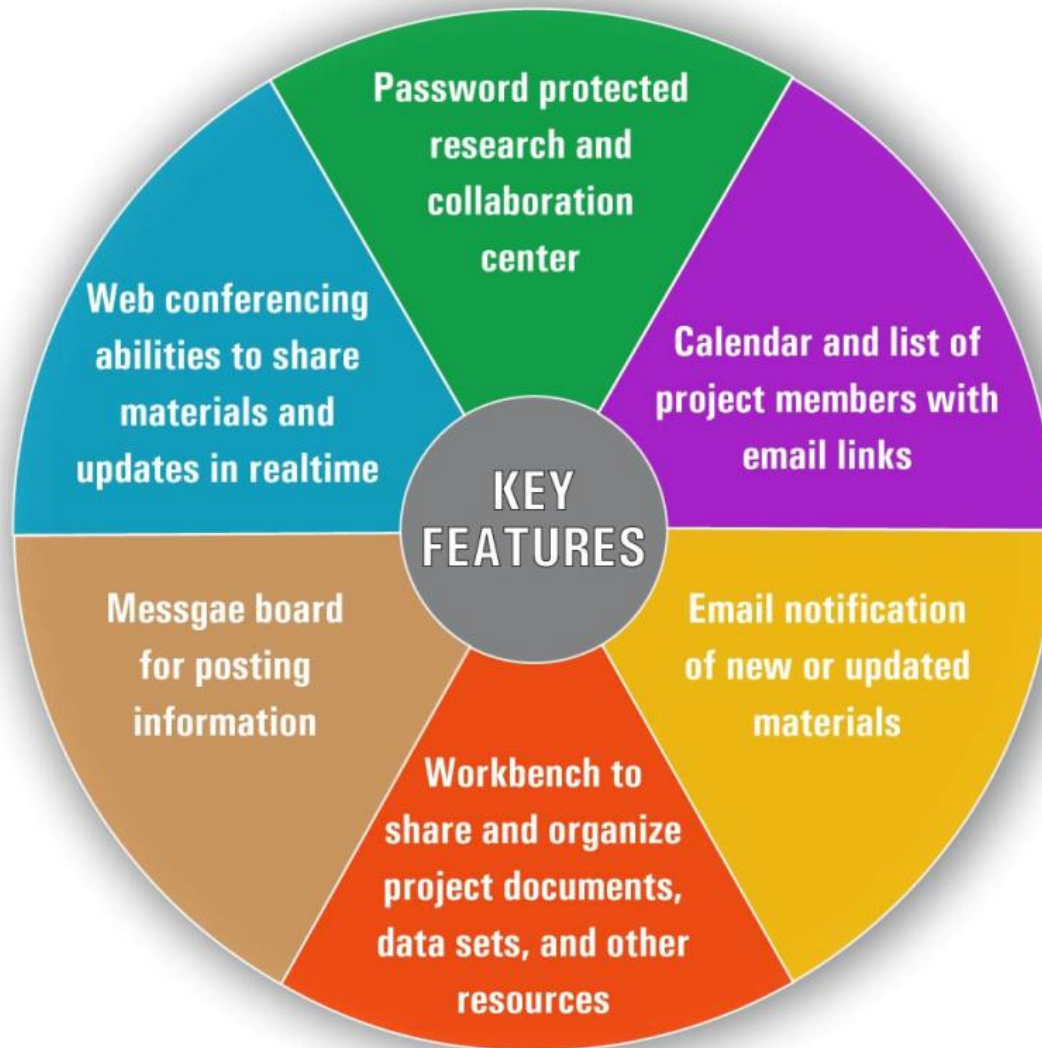
Problems that it Solves



- ❖ Easy to create projects
- ❖ Can access from anywhere in the world
- ❖ Easy for external collaborators to access
- ❖ One place to go to share project information
- ❖ Don't have to send large files and emails that bounce back
- ❖ Can perform investigations in real-time



Key Features



*All the
functions
in one
place*



Leveraging the Agency Portal



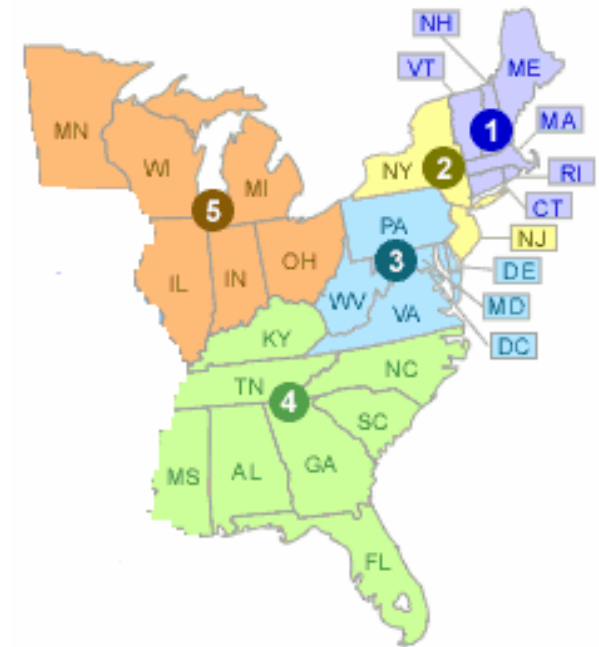
- ❖ ORD has partnered with OEI and helped bring the new Portal technology to maturity for broader Agency use
- ❖ Portal tools enable unprecedented collaboration, exchange, and outreach with external partners and among EPA organizations via:
 - Oracle Collaboration Suite Web Conferencing, Discussion Forums, and Instant Messaging
 - Sharing of documentation and information that we provide to our user community
- ❖ Reduction of development costs through code re-use
- ❖ Allows access for external partners through a reliable enterprise-wide identity and access management solution



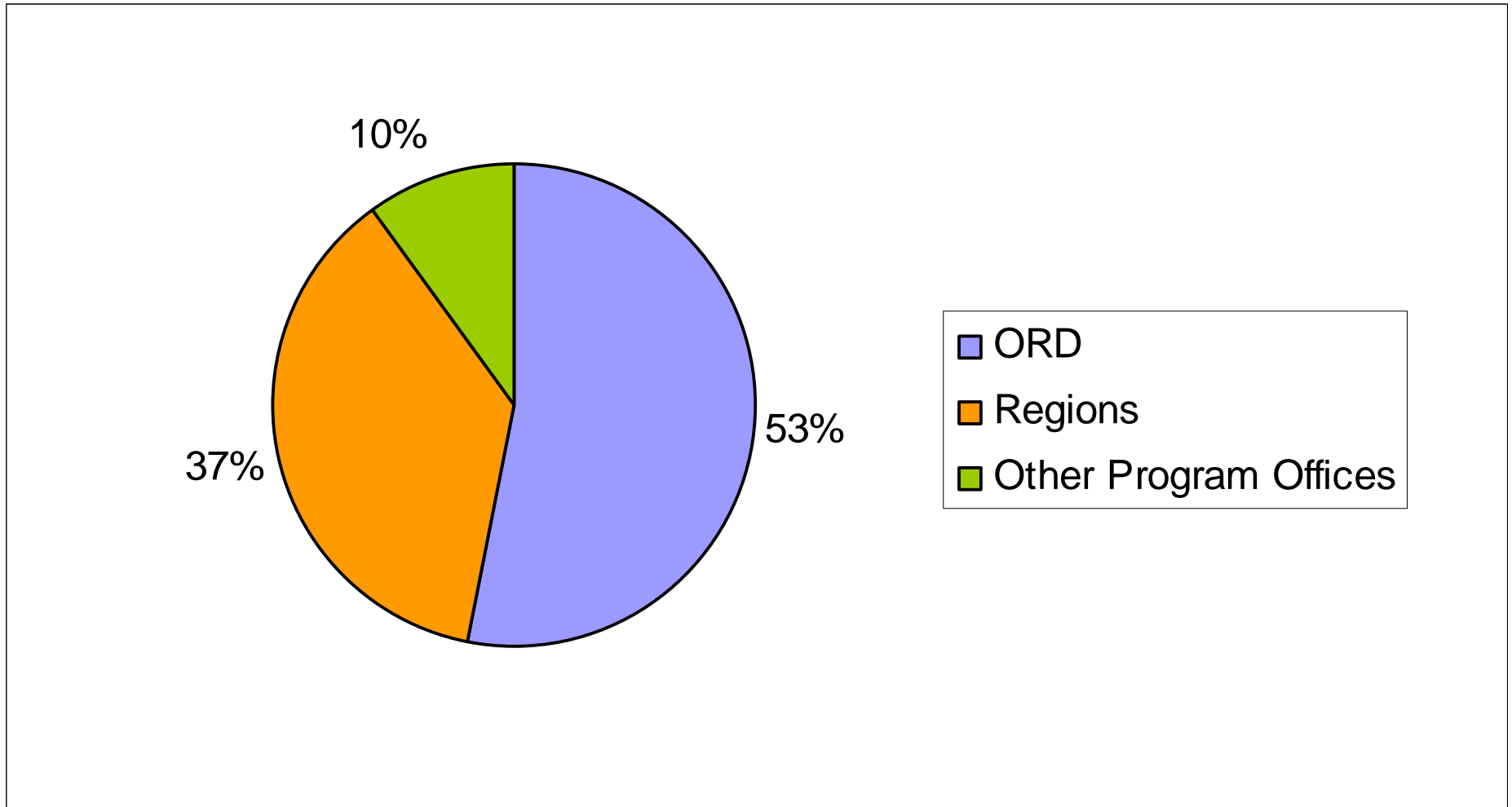
Who is using the Science Connector?



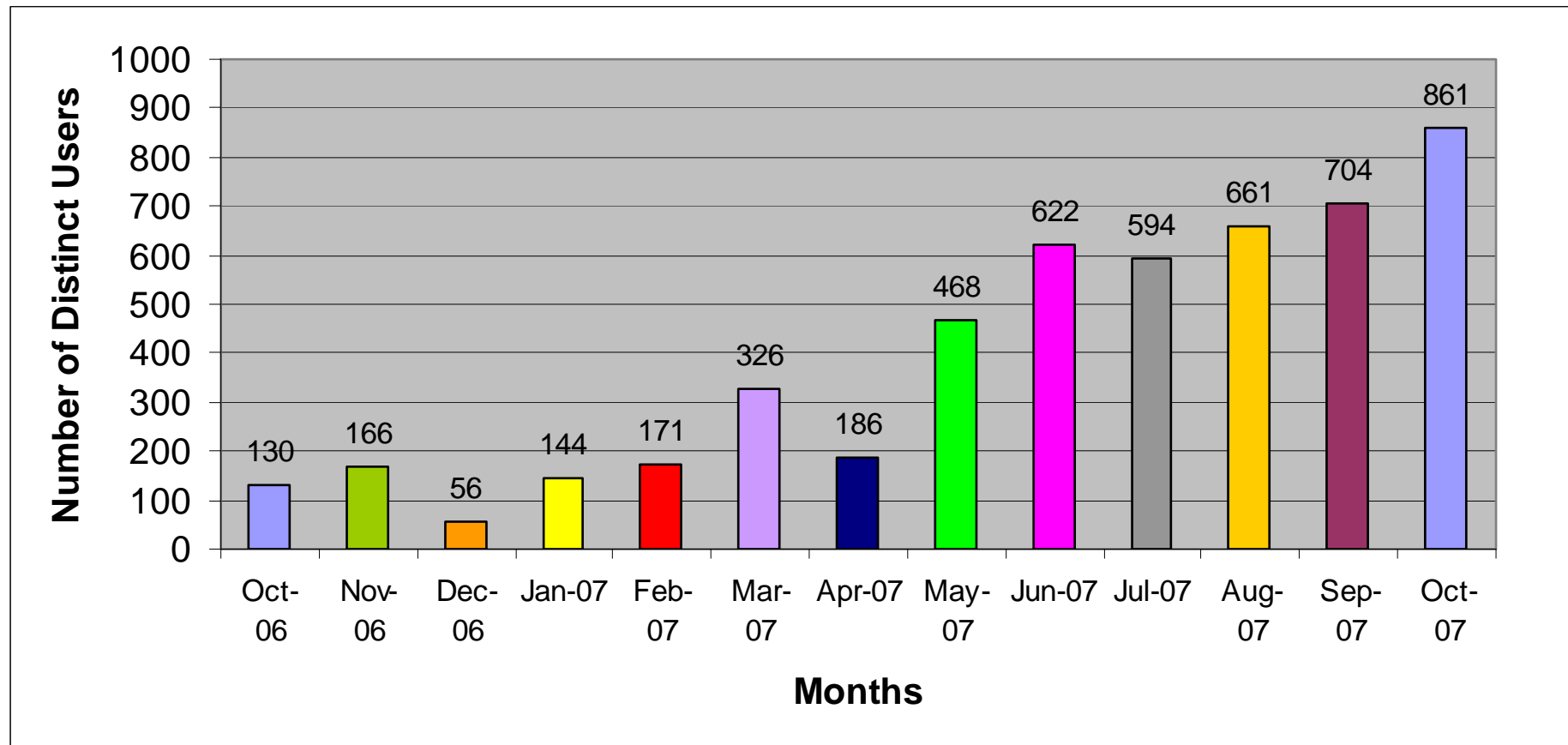
- ❖ Participants represent a majority of ORD Laboratories and Centers
- ❖ In addition to ORD, EPA Advanced Monitoring Initiative (AMI) projects and Regions 1 and 5 have been some of the largest users
- ❖ 10% of users are external collaborators



EPA Users of the Science Connector



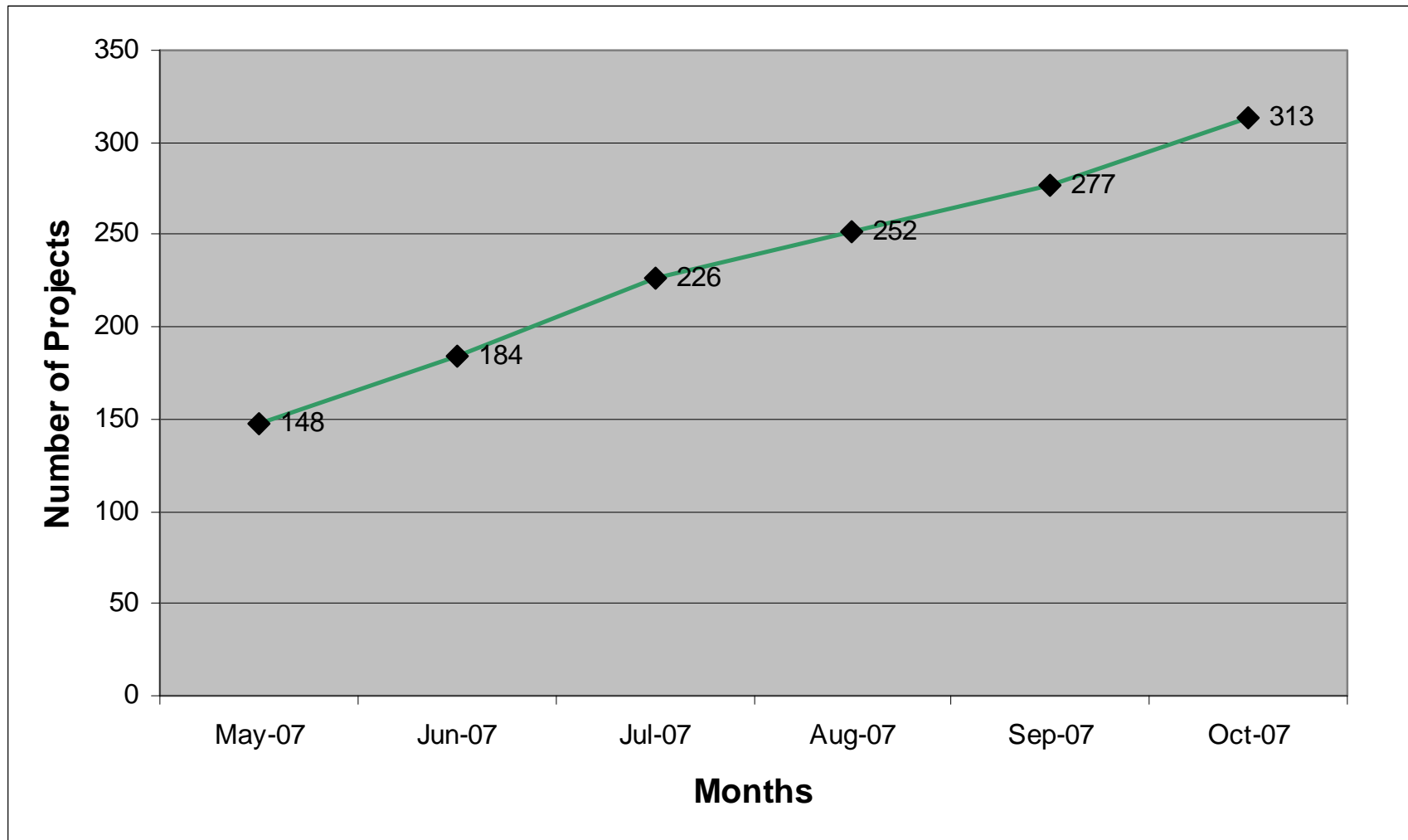
Science Connector Usage



Over the past year, the number of distinct users accessing the Science Connector in a given month grew by 6 times its original size, from 130 to 861 users



Science Connector Project Growth



*In the past five months, the number of projects in the Science Connector more than **doubled***



Ecological Research Program



❖ Ecological Research Program coordinates the work of
“We have over 200 participants from inside and outside the Agency and (the ESC) has made a huge difference in the communication speed, maintenance of a common view of the program, access to information, getting new partnerships formed in and outside the agency, time saved by managers and staff, and teeing up (issues) for debate.”

**Rick A. Linthurst, Ph.D. ORD Ecology
National Program Director**



Ecological Research Program



Welcome to the Environmental Science Connector
 Terry Grady
 Personalize the Connector
 Logout

Enterprise Portal > Environmental Science Connector

My Profile About Tutorial FAQ Help Contact Us Site Map

Home Project Workbench Search Library

Ecological Research Program

Project [Create](#) [Search](#) [Refresh](#) [Remove](#) Ecological Research Program

Web Conference [Schedule](#) [Start](#) [Join](#)

Project Description: Information on ORD's Ecological Research Program

Project Members [Show Info](#)

Project Owner

- Laurel Schultz

Members

- Alan Vanarsdale
- Alex Macpherson
- Allison Roy
- Amanda Evans
- Amy Mysz
- Amy Shields
- Andrew Geller
- Aneka Patel

[Send an email to all project members](#)

To chat with other members, [install Oracle Messenger](#).

Message Board [Show Info](#)

Atlanta Agenda -
0 responses - Last post by Rick Linthurst

Atlanta Meeting of ERP Leads, Nov 14 and 15 - [Preview](#)
0 responses - Last post by Rick Linthurst

-
0 responses - Last post by Linda Exum

[Post New Topic](#)
[View All Topics](#)

Project Resources [Show Info](#)

Folders	Folder Contents																																																				
Ecological Research Progra	<table border="1"> <thead> <tr> <th>Name</th> <th>Info</th> <th>Size</th> <th>Date Posted</th> </tr> </thead> <tbody> <tr> <td>5 Page ERP Strategy for S</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ERP Conceptual Models</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ERP Draft Strategy April 30</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Ecological Society of Amer</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Ecosystem Services Semir</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Fact Sheets</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MYP drafts for 7 07 Denver</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Mid-cycle BOSC Review</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Other ORD Research Progr</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Overview Presentations</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Program Updates</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Project Research Plans</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name	Info	Size	Date Posted	5 Page ERP Strategy for S				ERP Conceptual Models				ERP Draft Strategy April 30				Ecological Society of Amer				Ecosystem Services Semir				Fact Sheets				MYP drafts for 7 07 Denver				Mid-cycle BOSC Review				Other ORD Research Progr				Overview Presentations				Program Updates				Project Research Plans			
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Project Calendar [Show Info](#)

<< Nov 2007 >>

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24



Biodiversity and Health Research



“The ESC made it possible for us to use the time very efficiently, and for folks to be focused on the task at hand. In addition, its interactive features allowed us to reach out to staff in the Regions. Thanks to you and your team for building a proven and effective tool.”

Montira J. Pongsiri, Ph.D., MPH



Biodiversity and Health Research



Project Members

Project Owner: [Montira Pongsiri](#)

Members:

- [Allen Johnson](#)
- [Anita Street](#)
- [Christiana Grim](#)
- [Greg Hellyer](#)
- [Hillel Koren](#)
- [Janet Gamble](#)
- [Jason Gear](#)
- [Rachel Bernard](#)

Message Board

[DIAL-IN Instructions for Aug 14 Teleconference](#) - Preview
0 responses - Last post by Montira Pongsiri

[Instructions for Reviewers](#) - Preview
0 responses - Last post by Montira Pongsiri

[Post New Topic](#)
[View All Topics](#)
[Synchronize Access Levels](#)

Project Resources

Folders

- Relevancy Review - Biodiversity and Health
- EPA's Biodiversity and Health
- Guidance and Forms

Folder Contents

Name	Info	Size	Date Posted
Conflict of Interest, Confidentiality		51 KB	08/08/2007
Review Criteria		26 KB	08/08/2007
Solicitation - Biodiversity and Health			08/08/2007

Actions

- [Create New Folder](#)
- [Move Resource/Folder](#)
- [Delete Resource/Folder](#)
- [Rename Folder](#)
- [Search for Resources](#)
- [Upload Resources from Desktop](#)

Project Calendar

Aug 2007

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	



Environmental Genomics



❖ Region 1, New England Regional Laboratory uses the FSC for a variety of projects which included *“The Science Connector allows for immediate upload or download of resources. Real-Time sharing for data and document review, editing, and discussion.”*

Jack Paar, Region 1 Biologist

❖ Projects involves Region 1, Office of Water, and ORD



Environmental Genomics



Science Connector – Logging On



The screenshot shows a web browser window titled "Connector - Login - Microsoft Internet Explorer provided by CGI Federal". The page header includes the EPA logo and the text "U.S. Environmental Protection Agency Environmental Science Connector". A search bar and "GO Advanced Search" button are present. A navigation breadcrumb reads "EPA Home > Enterprise Portal > Environmental Science Connector".

About the Environmental Science Connector

- Site Map
- Help
- FAQ
- Tutorial
- Contact Us
- User Survey
- Request Access to the Environmental Science Connector

Welcome to EPA's Environmental Science Connector

The Environmental Science Connector is a password-protected research and collaboration center that provides the capability to customize, coordinate, and monitor the progress of science projects from your desktop. It is an ideal place for EPA scientists to centrally manage projects; search for and download datasets, models, publications, and other documents; track the history of their work; and share information with other researchers within EPA and with external stakeholders who are collaborating with the Agency.

Key Project Management and Collaboration Features

- A **project resources** space where you can download project-related documents, data sets, and other resources, organize them in using a folder/subfolder system, and share them with your project members.
- A **project message board** where members can post discussion topics and communicate with each other.
- A **list of all project members** along with **email links** for each member.
- Ability to chat with other members using **Oracle Messenger**.
- A **project calendar** where project members can post upcoming conference calls, meetings, and other events.
- **Web conferencing** that allows project members to have real-time meetings in virtual space hosted on the Internet. Project members can view the same information on their computer screens and communicate via telephone conferencing, voice streaming, or Oracle instant messaging.
- Ability to **access resources** from EPA's Web site, including EPA's desktop library.

Additional Information

More detailed information about the Environmental Science Connector is available at [About the Environmental Science Connector](#), the user [Tutorial](#), [FAQ](#), and user [Help](#).

For more information contact Jacques Kapuscinski in the Office of Research and Development at 202-564-6888.

Login

Enter your user name and password to login.

User Name

Password

Login

Login Instructions

EPA Employees:
Your user name is your LAN ID Your password is your LAN password

Non-EPA Users (including EPA contractors, Co-op students, and AAA fellows):
Go to <http://portal.epa.gov> and click on Request Access to the EPA Portal. For more information on how to request access go to:

[Logging into the EPA Portal – Environmental Science Connector](#)



Science Connector – Home Page




The screenshot shows the Environmental Science Connector home page. At the top, there is a navigation bar with links for My Profile, Site Map, About, Tutorial, Help, FAQ, and Contact Us. Below this is a secondary navigation bar with Home, My Workbench, My Tools, and Library. The main content area is divided into several sections:

- My Projects:** Includes links for GEOSS (EPA GEO / AMI), Science Connector Pilot Feedback, and buttons for Create a New Project and Search for a Project.
- Announcements:** Contains two bullet points regarding file size limits and the EPA Science Newsletter.
- My EPA Links:** Describes the Environmental Information Management System (EIMS) and includes a link to Customize Your EPA Links.
- My Links:** States "You have no links to display" and includes an Add a New Link button.
- EPA Support Centers:** Lists various technical support centers such as Watershed and Water Quality Modeling, Collaborative Research & Development, Center for Subsurface Modeling, Remote Sensing, Hazardous Substances, and Ground Water.
- EIMS Recent Updates:** Features two news items: "DEVELOPMENT AND VALIDATION OF A NOVEL TECHNIQUE TO MEASURE AMBIENT PARTICLE PROPERTIES..." and "ENVIRONMENTALLY BENIGN SYNTHESIS OF SODIUM HYDROXIDE WITHOUT CHLORINE USING ION EXCHANGE FIBERS...".
- Current Weather:** Shows weather for Fairfax, VA (22033) as Cloudy 80°F, with a detailed table of weather metrics.




Science Connector – Project Search





Welcome to the Environmental Science Connector



[Enterprise Portal](#) > Environmental Science Connector

[Return to the Connector](#)
[About](#)
[Tutorial](#)
[FAQ](#)
[Help](#)
[Contact Us](#)
[Site Map](#)

Search Projects ⌵

[Show Info](#) i

Enter keywords to search for projects or browse for a project.
A keyword can be a part of the project title, the project owner's name, or the project description.

Keywords

[All](#) [0-9](#) [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

Click the checkboxes to select projects from the list below

	Project Name / Description	Project Owner
<input type="checkbox"/>	R1 Air Branch Test utility of ESC for hosting shared files/work product of Region 1 Air Branch	Dan Brown
<input type="checkbox"/>	R3 EAID/ORD Collaboration Collaboration of Region 3 and ORD.	Christine Mazzarella
<input type="checkbox"/>	R5 Air Modeling Project Space This is a test space to get Randy (and other modelers) into seeing what the Portal Collaborative Tools can do	Stephen Goranson
<input type="checkbox"/>	R5 IRMSC DIAWG Collaboration space for Region 5's Data Integration Advisory Workgroup of the IRM Steering Committee	Stephen Goranson
<input type="checkbox"/>	Radiochemicals or Volatile Organic in Water and Soil this is a self initiated nerl/esd/ECB project to facilitate interaction of practitioners of either disciplin for research. i have ten years experience with drinking water radiochemistry and eight years experience with volatiles. the technique for measuring volitiles employees vacuum distillation GC/MS for separation and quantification. Mike Haitt my mentor for the subject has several docu's on the ESD web page describing the breath and width of VD-the two letter acronym for the combined technique. if you have an interest in research where ratiochemistry or VD may contribute uniquely please contact: Stephen Pia @7027982102 or @ email pia.stephen@epamail.epa.gov.	Stephen Pia

[First](#) [Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [Next](#) [Last](#)



Science Connector Conclusion



- ❖ Design and functionality is driven by the user community
- ❖ Easy to access and create projects
- ❖ Built to share information
- ❖ Improves coordination and communication across the Agency
- ❖ Improves the ability to collaborate with external partners
- ❖ **As a result, it's easy to use!**





Clean Watersheds Needs Survey (CWNS) Data Entry Portal

**Reducing Data Entry Burden using Enterprise
Architecture**

**Michael Plastino
EPA Office of Water**



For Conference Purposes Only

CWNS Overview



❖ Business Need

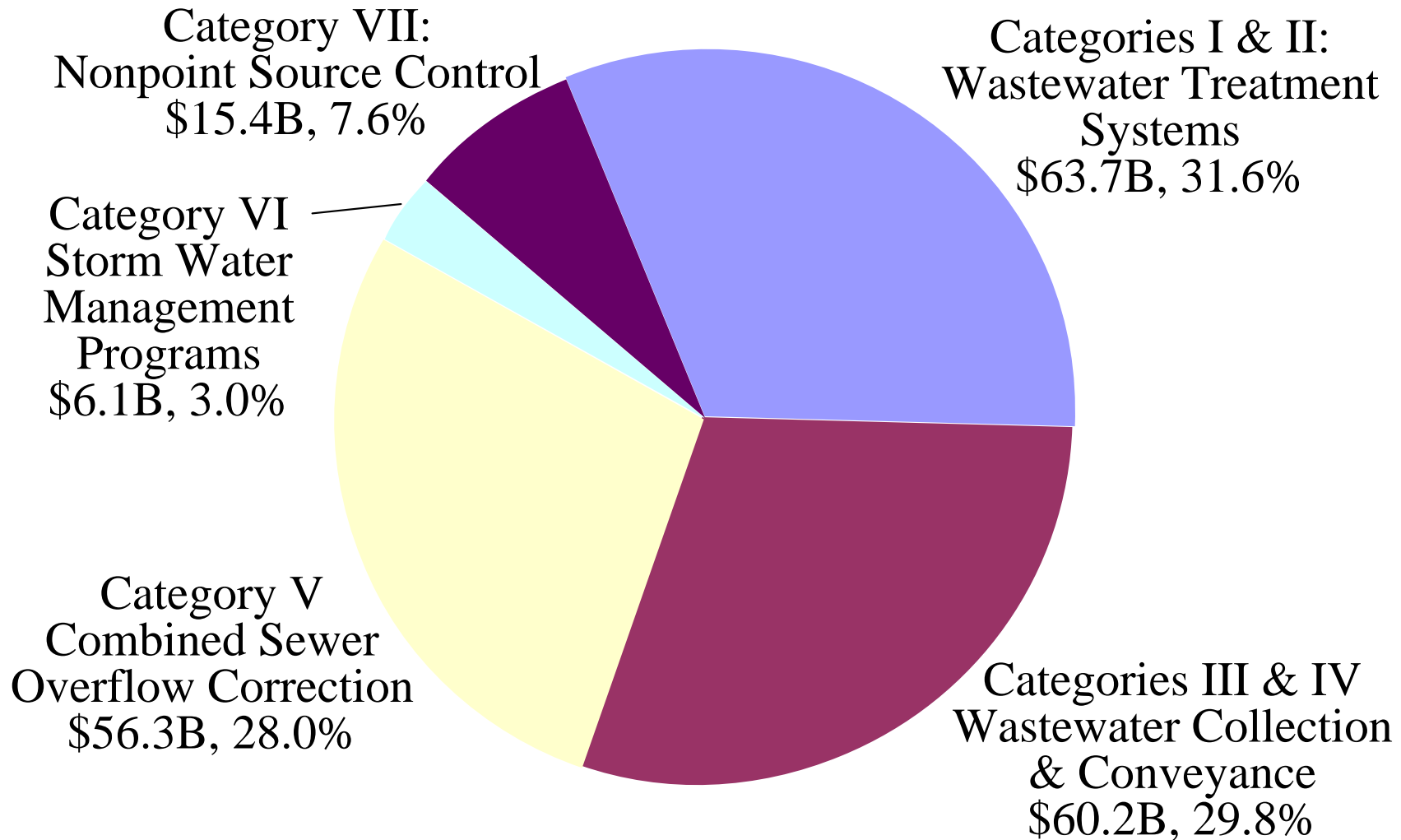
- The Clean Water Act requires EPA to work with States to Report to Congress on capital needs for water pollution control
- CWNS closely related to Construction Grants Program (1972 – 1986) and Clean Water State Revolving Fund Program (1988- Present)

❖ CWNS Program Goals

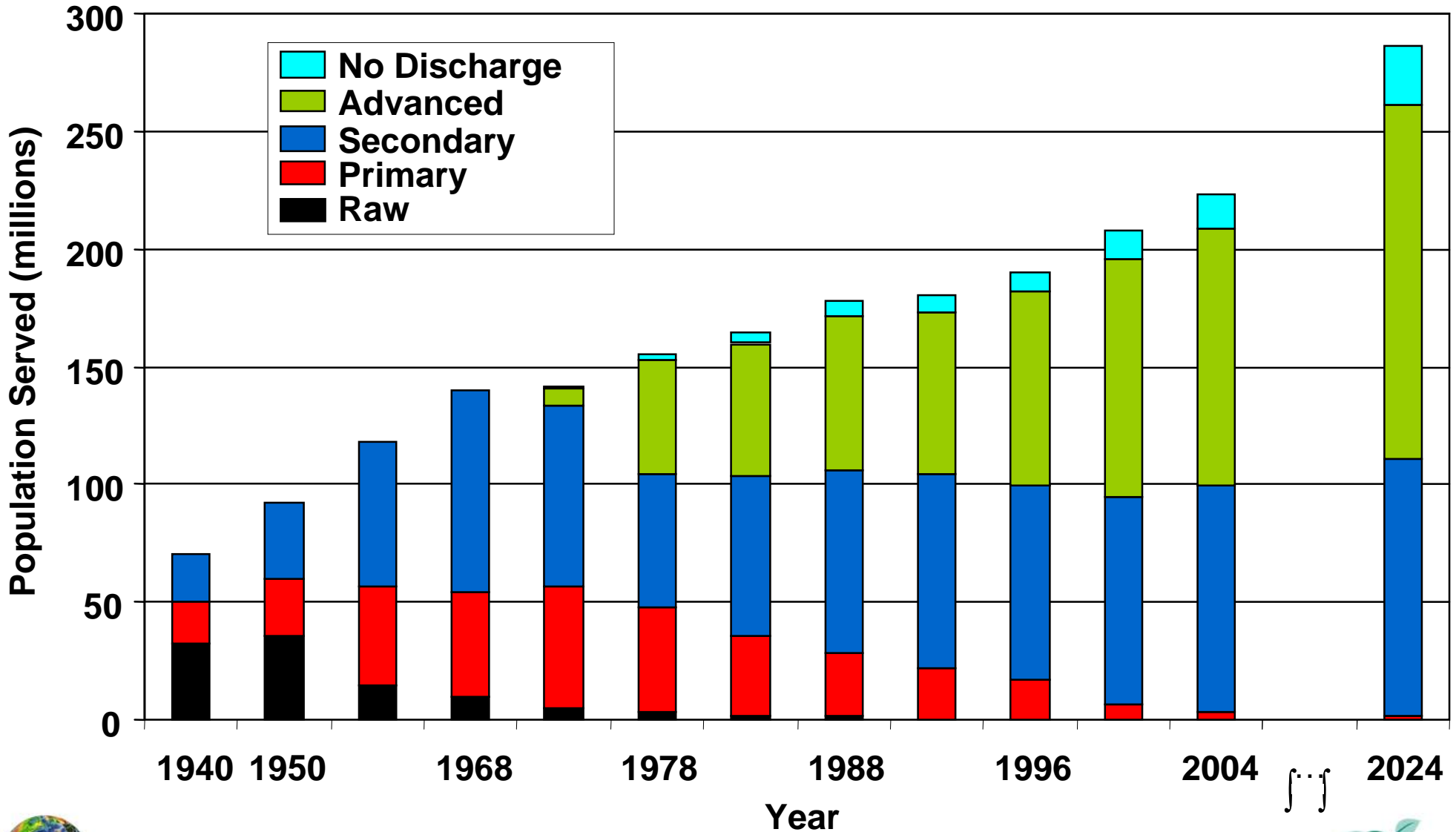
- Assist Congress and State legislatures with budgeting efforts
- Help measure environmental progress
- Contribute to academic and other government agency research
- Inform the public
- Assist with program implementation (e.g., loading analyses, permit writing, project prioritization)



CWNS Overview – 2000 Report Results



CWNS Overview – 2004 Report Results



CWNS Overview – Data Types



- ❖ Approximately 33,000 Facilities / Projects
 - 50% Permitted (NPDES) Wastewater Treatment Plants
 - 25% Wastewater Collection Systems
 - 20% Nonpoint Source (NPS) Projects
 - 5% Stormwater Projects
- ❖ Data for each Facility / Project
 - Project costs & documentation sources
 - Facility / Project location & contact information
 - Facility current and projected
 - Populations served
 - Design and actual flows
 - Effluent levels
 - Facility unit process & NPS best management practices (BMP) data



CWNS Overview - Documentation Criteria



Each Facility/Projects Needs 1 or more Documents that document:

1. Description of the water quality problem
 2. Location of the problem
 3. Solution to the problem
 4. Cost of the solution
 5. Basis for the cost
 6. Total cost
 7. Current Documentation
- Needs
- Costs



CWNS 2008 Visioning / Requirements



CWNS 2005-2012 Strategy Focus Group (9 States, 3 Regions)

Helped define Business Process, IT Options

Evaluated Benefits of Options

Provided feedback on recommendations emerging from Benefit-Cost analyses of Options

State-EPA CWNS 2008 Workgroup

Call to ECOS Commissioners for Nominees (August 2005)

Used Strategy as baseline for input on 2008 System Design

State-EPA CWNS Workgroup Input on CWNS Data Entry Portal

Requirements: Web conferences (Sep 05 - Feb 06), 2-day meeting (Mar 06)

Design sessions (April - Oct 06)

Iterative development – feedback cycles (Jan – Dec 07)



CWNS 2008 Data Entry System Requirements



States - Minimize Data Entry Burden via

- ❖ Data sharing from other EPA systems
- ❖ Managing secondary system users
- ❖ Document management and annotation functions
- ❖ Small Community Forms – Fax capture into system

EPA

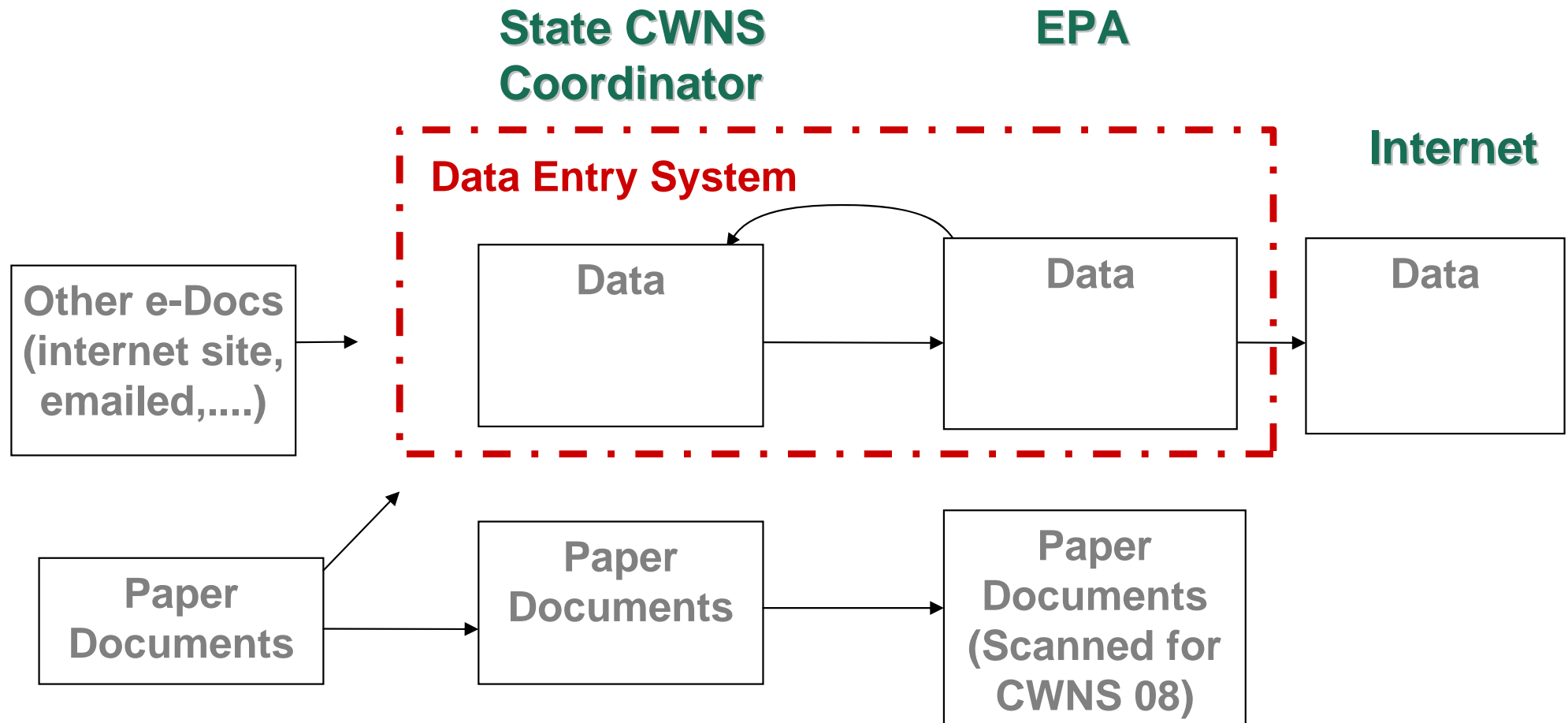
- ❖ Administer CWNS survey to a broad user base
- ❖ Efficiently ensure accuracy & eligibility of data and documents entered into CWNS



CWNS 2004 - System Supported Roles



Local / Secondary State Users

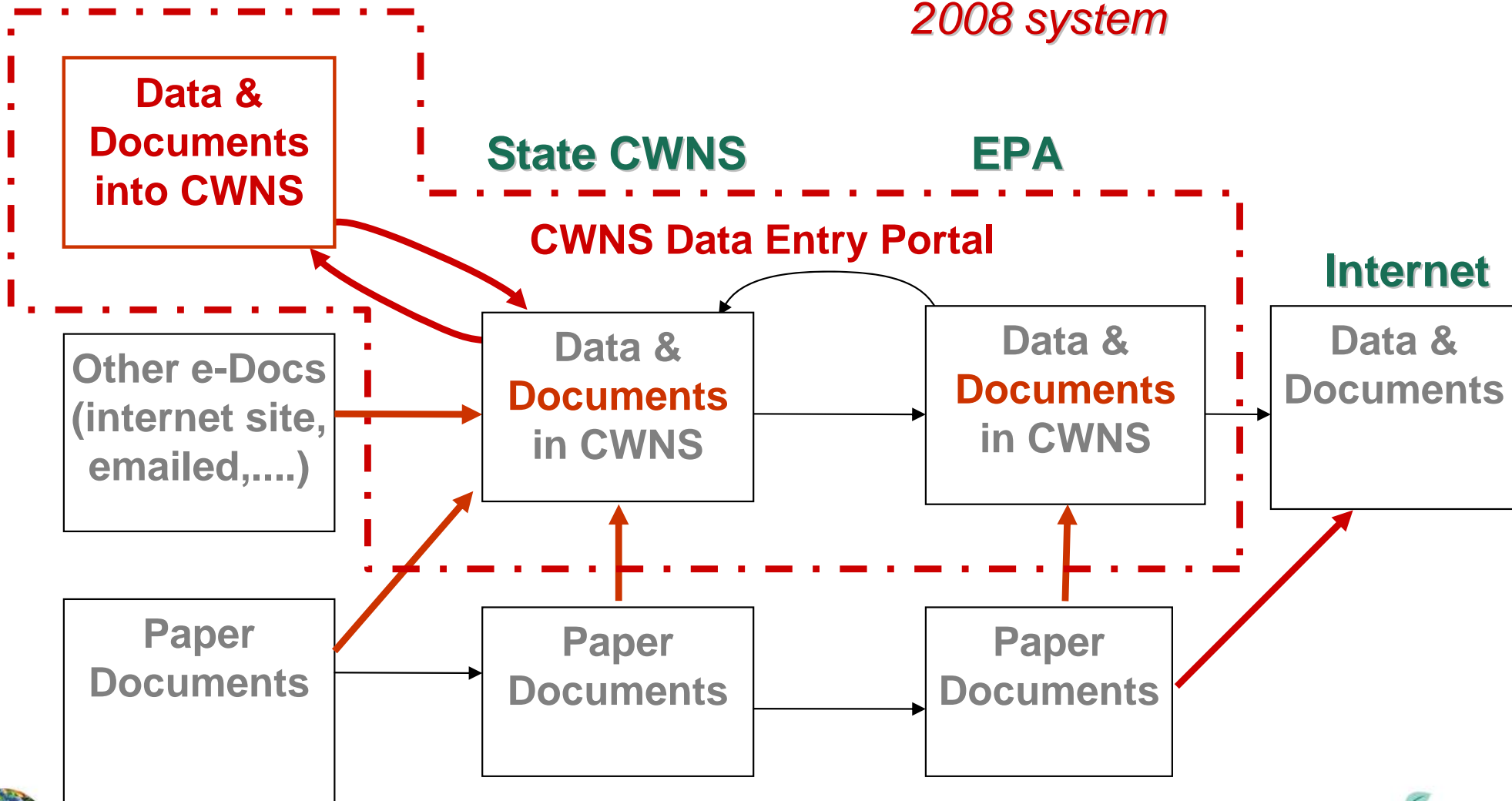


CWNS 2008 - System Supported Roles



Local / Secondary

Red Text indicates new items for 2008 system



EPA Portal Utilized to Meet Requirements

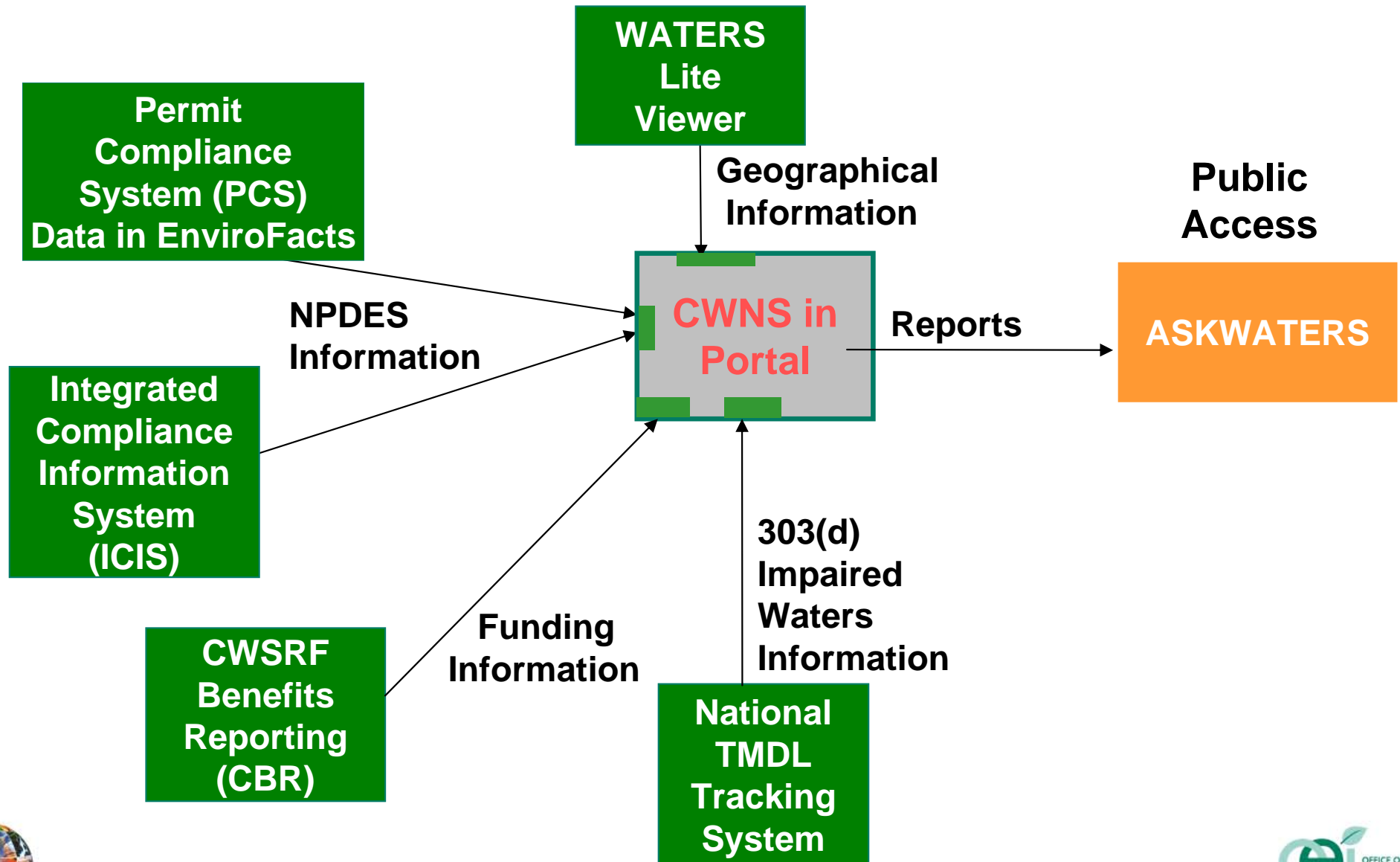


- 1) Provides extracts of related data systems
 - Copied directly into CWNS system
 - Summarized in 'Portlets' to guide CWNS data entry
- 2) Registration and delegated administration capabilities for CWNS State Coordinators to administer Local & Secondary State Users
- 3) Linkage w/ EPA External Document Management System (Documentum)
 - Document uploading & annotations
 - Automate fax capture and association w Facilities / Projects
- 4) Oracle Collaboration Suite
 - Documentation Support Library
 - Web Conferencing



CWNS Data Entry Portal

1) Data Sharing from other EPA Systems





The Identity & Access Management (IAM) enables State CWNS Coordinators to



- ❖ Approve / Deny CWNS Portal Requests from Secondary Users
 - Local Communities
 - Other State Government Staff (stormwater program, nonpoint source program, public health department,...)
- ❖ Restrict secondary users' document and data update by:
 - Facility / project
 - Specific data areas within a facility / project



CWNS Data Entry Portal

2) Registration



 **Welcome to the EPA Portal** 

[Portal Help](#)

Login Instructions

If you have an EPA LAN account, log in using the following: User Name = your LAN id and Password = your LAN password.
If you DO NOT have an EPA LAN account you will need to request access to the Portal using the "Request Access to the EPA Portal" link below.

Login

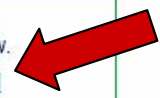
Enter your user name and password to login.


User Name

Password

Resources for EPA business partners and affiliates.
If you do not have an epa.gov email address, please click on the appropriate link below.

[Forgot your user-id or password?](#) [Request Access to the EPA Portal](#)



 Need Assistance? Call the EPA Customer Support Center at 1-866-411-4EPA or email at EPACallCenter@epa.gov

[Contact Us](#) [Privacy & Security Notice](#)



CWNS Data Entry Portal

2) Registration



Self Registration

To obtain an account on the EPA Portal, you must be a business partner or affiliate who has business with the Environmental Protection Agency. Please fill out the following information and click submit to request access to the EPA Portal.

**** USE THIS FORM ONLY IF YOU DO NOT HAVE AN epa.gov EMAIL ADDRESS.****

ALL FIELDS ARE REQUIRED

First Name:	<input type="text" value="Clean"/>
Last Name:	<input type="text" value="Watersheds"/>
Email Address: format: emailld@domainname.com	<input type="text" value="watersheds.clean@local.gov"/>
Street Address:	<input type="text" value="123 Town Dr"/>
City:	<input type="text" value="Local City"/>
Country:	<input type="text" value="United States"/>
State/Province/Region:	<input type="text" value="New Jersey"/>
Postal Code:	<input type="text" value="01234"/>
Daytime Phone Number:	<input type="text" value="(123) 345-789"/>
EPA Contact Name:	<input type="text" value="Michael Plastino"/>
EPA Contact's Email Address: format: emailld@domainname.com	<input type="text" value="Plastino.Michael@epamail.epa.gov"/>
EPA Contact's Phone Number: format: (xxx) xxx-xxxx	<input type="text" value="(202) 000-0000"/>


Select the Community from the drop down list that is the reason for your business need to obtain Portal access. Once you gain access to the Portal you will have the ability to request access to additional Communities.




CWNS Data Entry Portal

2) Delegated Administration





Welcome to the EPA Portal
Clean Watersheds Needs Survey (CWNS)
 Ketan Patel
 NJ State User



[EPA Home](#) [Support](#) [Help](#) [Logout](#)

[home](#) > User Management

User List

Users

Name	Portal Username	Status
Greenberg, Alyse		Active
Hines, Judy		Active
Horiates, Nick		Active
Parada, Luba		Active
Patel, Ketan	Ketan_Patel	Active
Patel, Ketan		Active
Rancan, Helen		Active
Shu, David		Active
Tilwawala, Piyush		Active
Watersheds, Clean		Pending

|<<| Prev | 1 - 10 of 10 | Next | >>|

[Add User](#)

User Details

[Help](#)

Name: Watersheds, Clean
Status: Pending
Email:
Phone Number:

Registration Email Notification Comments:

Roles

Primary	Role	Access	Edit	Delete
🟢	Local:NJ	Facility Update - Feedback	✎	✖

[Add Role](#)

User Search

[Help](#)

Name:

Location:

Type: ▼



CWNS Data Entry Portal

3) Document Management



Linkage with the External Document Management System (Documentum) enables

- ❖ Upload of documents
- ❖ Multiparty Annotation of Documents
- ❖ Association of faxed Small Community Needs Forms with specific facilities / projects





Comment & Markup

Mr. Stanley Cach, Bureau Chief
Department of Environmental Protection
NJDEP - Municipal Finance
Bureau of Engineering – North
401 E. State Street - 3rd Floor
CN 425
Trenton, New Jersey 08625

Re: 2002 Clean Water Needs Survey

Dear Mr. Cach:

As requested by your office, we have estimated the costs of providing post netting disinfection to the CSOs located in Elizabeth, New Jersey. We feel the use of chlorine gas or sodium hypochlorite would be inappropriate in a City setting, and have therefore estimated the costs for post netting disinfection based upon the use of ultraviolet disinfection.

Total projects costs for the 34 sites are estimated to range between \$80 and \$90 million. This estimate in no way commits the City to providing such facilities or even to supporting the concept of CSO disinfection, but rather is provided for the purpose of completing the Department's clean water needs survey.

Sticky Note 10/30/2007 1:47:40 PM
cwnsmanager1 Options
These are the projects documented under Category V CSO Needs for CWNS # 34004001001



3) Fax capture & association with Facility / Project



CWNS Number: 34001001001

Name: Florham Park SA STP (DRAFT; data is fictitious)

Data Last Updated: October 1, 2004

Step 1: Verify and Update the Accuracy of Basic Facility Information

Facility/ Project Name:	Penns Grove Sewerage				
The facility is part of the following system:					
Organization responsible for facility/project:	Penns Grove SA				
Point of Contact	Robert Lukin	Role/ Title	Plant Manager		
Address	1000 Maple Street				
City	Florham Park	State	NJ	Zip Code	11111
Phone	703-444-1150	Fax	703-444-1152		
Email	rlin@gmail.com				
Permit Number(s):	NJ00020923, NJA222123				
County:	Salem				

Facility/Project Type

For a complete list of "Facility/Project Types" and "Changes Needed" visit <http://www.epa.gov/cwns/cwns2008.htm>.

<input type="checkbox"/> This data is correct.	<input type="checkbox"/> This data is not correct. Mark change(s) in table or on additional sheet.		
Type	Present	Projected	Changes Needed



CWNS Data Entry Portal

4) Oracle Collaboration Suite



Oracle Collaboration Suite supports

❖ CWNS Program Library

- State-EPA CWNS Workgroup Documents
- “Best in Breed” & Innovative Document Library
- State Revolving Fund Policy Library

❖ Web Conferencing

- State CWNS Coordinator interactions with secondary users

❖ Easy Self Service by EPA staff

- Add / Remove & Change Roles for Members
- Add / Remove / Organize Documents

“So Simple, Even an EPA Person Can Do It”



CWNS Data Entry Portal

4) Oracle Collaboration Suite Tools



EPA Collaboration Suite Workspaces [Preferences](#) [Logout](#) [Help](#)

My Workspaces

CWNS

Search

- [Overview](#)
- **[Library](#)**
- [Announcements](#)
- [Views](#)
- ▶ [Members](#)

[My Workspaces](#) > [CWNS](#) >

Current Folder: Library

You are logged in as: Michael Plastino. Your role is 'Administrator'.

Filter By Name Library Quota Used: [8% \(178.4 of 2,250 MB\)](#)

Select items and ...

[Select All](#) | [Select None](#)

Select	Name	Action	Status	Size	Last Modified By	Last Modified	Description
<input type="checkbox"/>	CWNS 2008 Workgroup				Michael Plastino	Sep 13, 2007 8:35 AM	Monthly meetings, SLIS, WSS,...
<input type="checkbox"/>	Needs Documentation Support				Jim Preston	Oct 19, 2007 2:21 PM	Contains supporting...
<input type="checkbox"/>	Trash				system	Oct 26, 2007 4:15 PM	
<input type="checkbox"/>	ZZZ - Archives, CWNS 2004				Michael Plastino	Oct 15, 2007 1:34 PM	

No existing linked content Contains linked content

[My Workspaces](#) | [Preferences](#) | [Logout](#) | [Help](#)



CWNS Data Entry Portal

Conclusion



CWNS Data Entry Portal will result in...

- ❖ Reduced Data Entry Burden by 28% for States and secondary users via Access to
 - Various EPA data sets
 - EPA Enterprise Architecture Tools
- ❖ Much quicker / cheaper document sharing for all
- ❖ Higher data quality for all
- ❖ Reduced system and program administration costs for EPA
 - Save \$10k per year on web site cost
 - Save \$25-50k on contractor support for administering users





The End Result





❖ Collaboration:

- ✓ Fosters a sense of **community**
- ✓ Encourages **participation** through discussion, postings, file sharing, web conferences, and instant chat
- ✓ Supports **Web 2.0** technologies (wikis, blogs, etc.)





❖ Information Access:

- ✓ Single Sign-on reduces help desk support calls by 50%
- ✓ Single point-of-entry URL allows users to quickly access all resources
- ✓ Organized, customizable environment reduces time spent searching for information
- ✓ Provides comprehensive remote access capability with one, two, and three factor authentication without the need for a VPN





❖ Applications Development:

- ✓ Reduces cost for new application development by 30% or more
- ✓ Integration capabilities preserve existing investments
- ✓ Simplifies compliance with Section 508, security, and Enterprise Architecture





Contact Information:

OEI PMO – Mike Cullen (cullen.mike@epa.gov; 202.564.0849)

EPA Portal – Terry Grady (grady.terry@epa.gov; 919.541.1555)

IAM Solution – Maja Lee (lee.maja@epa.gov; 202.564.1436)



For Conference Purposes Only