

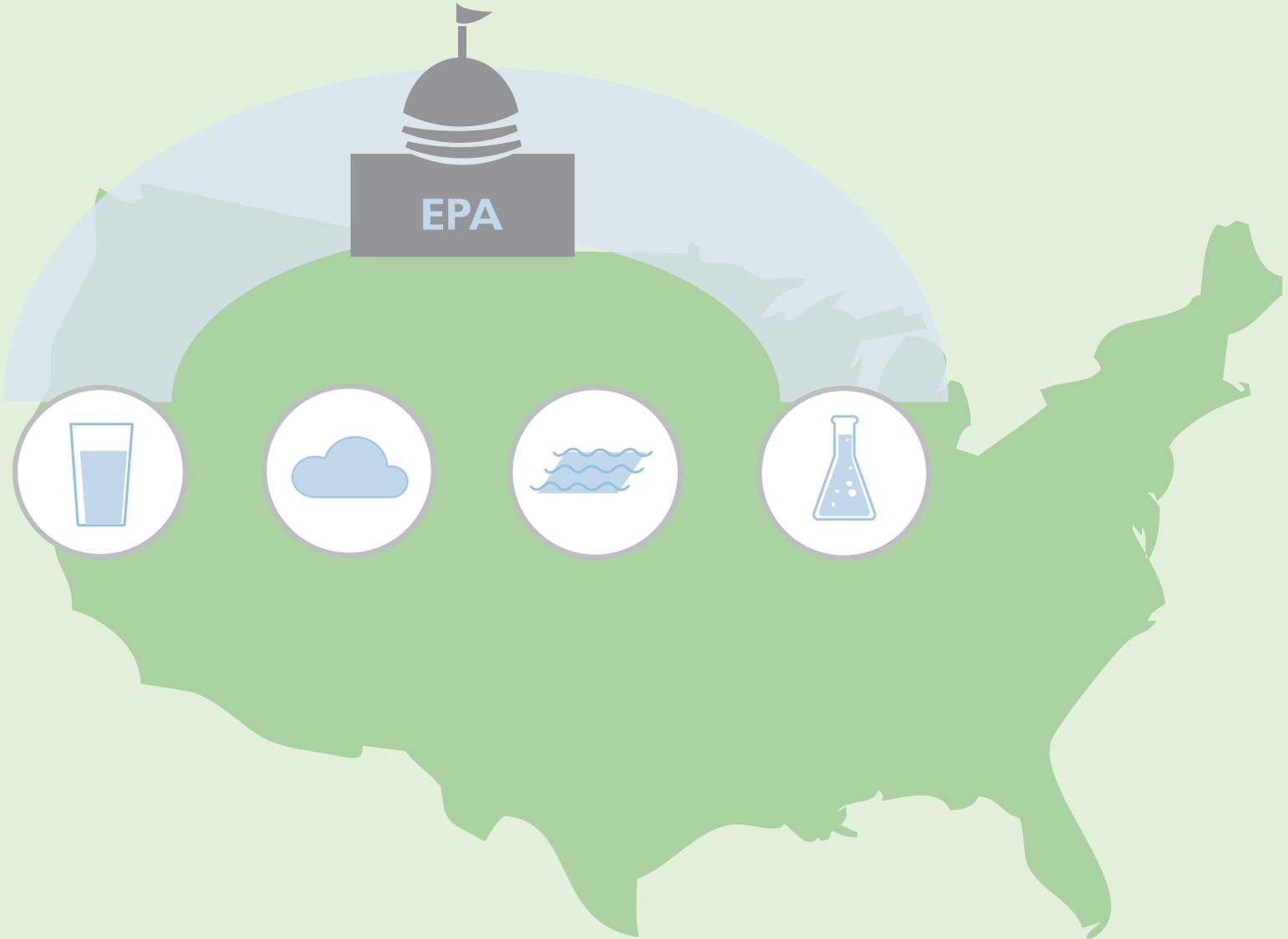
E-ENTERPRISE
for the environment

E-Enterprise for the Environment

Overview



Environmental Laws Over Time



1963

1970

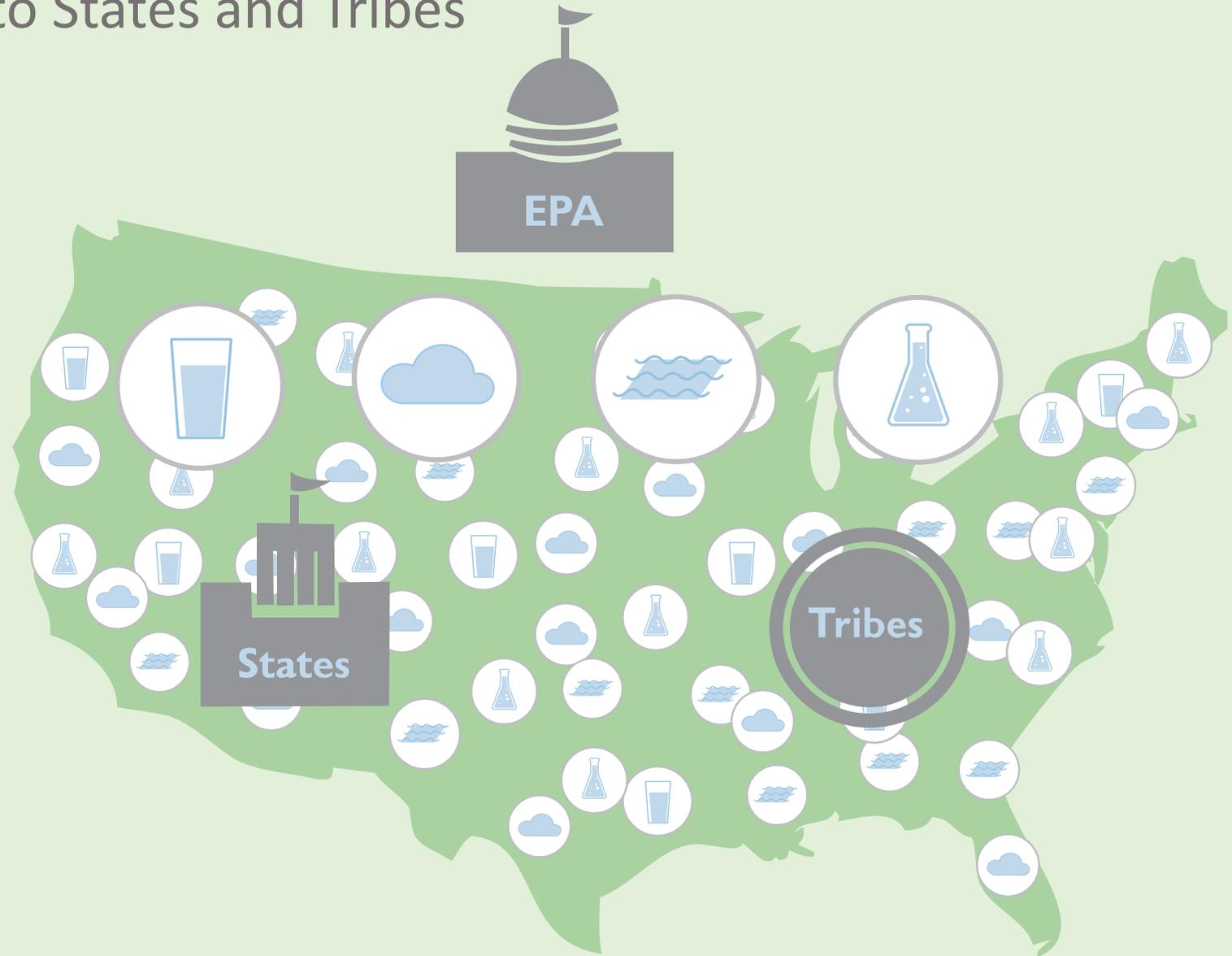
1972

1974

1976

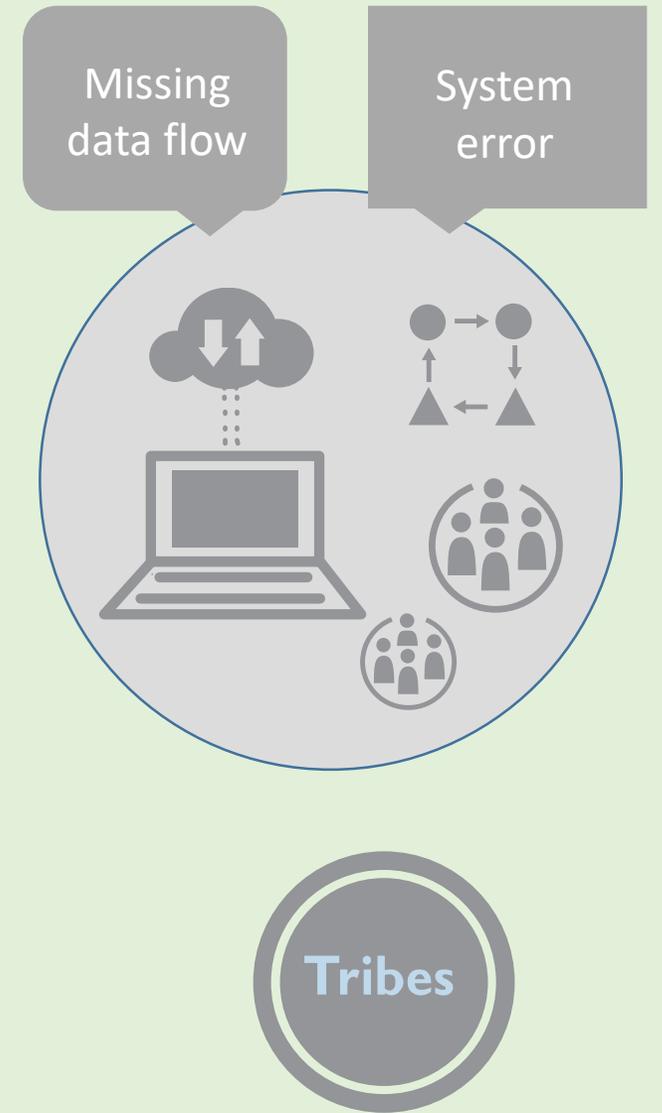
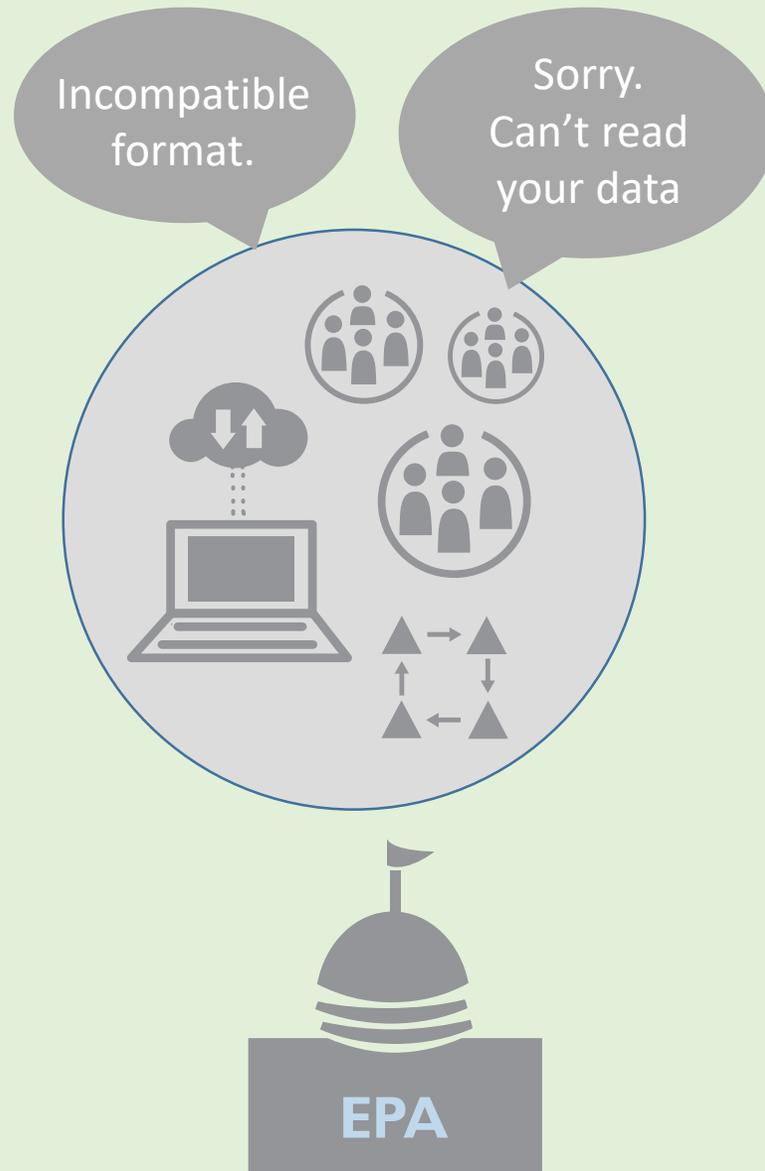
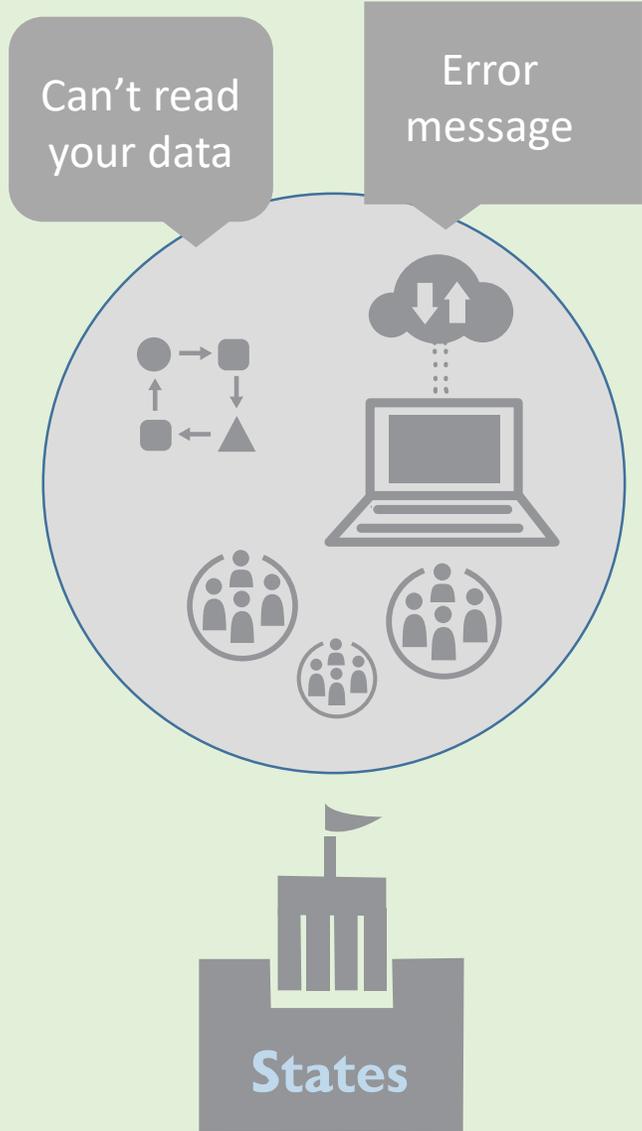


Program Delegation to States and Tribes

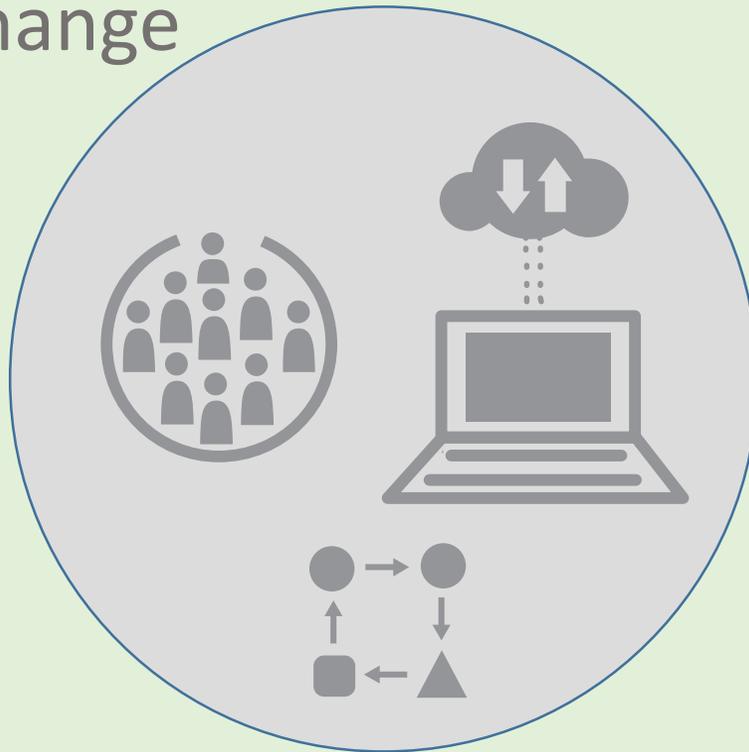
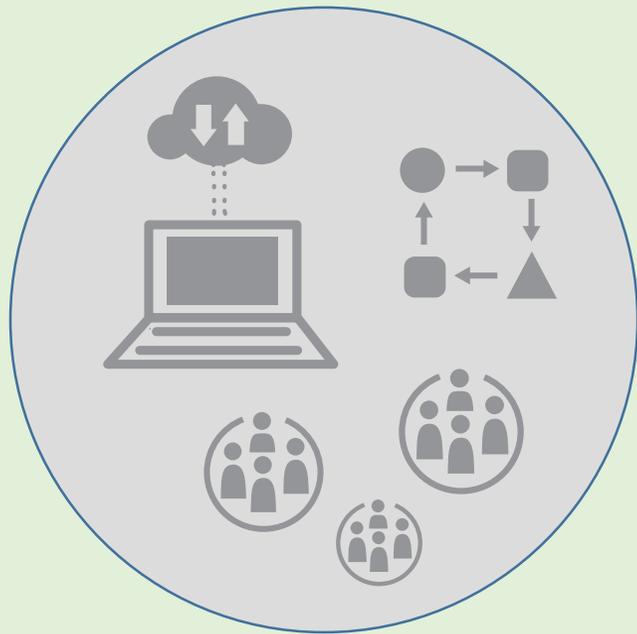




Incompatible Data Systems



Standardizing Data Exchange



Funding for Projects

Data Exchange Status

Data Exchange: Partner types: States Tribes Territories Other Partners

Conventions

- Flowing
- Planning

States

Tribes

Other Partners

Territories

	Operational		Planned	
	Nodes	Client	Nodes	Client
States	51	1	3	0
Tribes	14	13	15	0
Territories	3	1	0	0
Other Partners	1	6	0	0

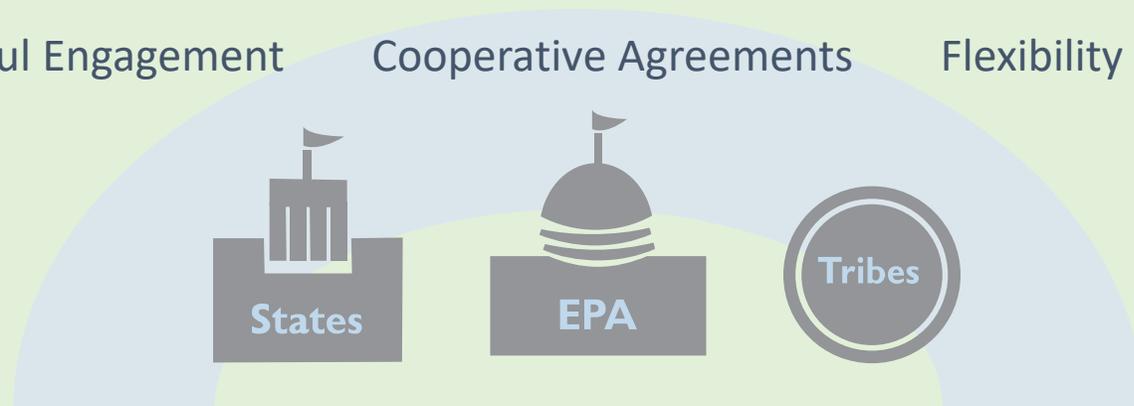


Shared Governance

Early & Meaningful Engagement

Cooperative Agreements

Flexibility and Workload Trade-offs



Streamlining Processes



- Lean Culture
- Business Process Improvement
- Burden Reduction

Optimizing Technology



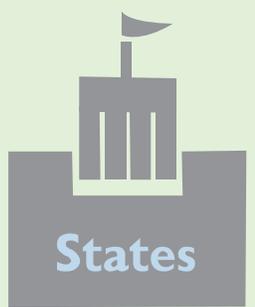
- Advanced Monitoring
- E-Reporting/E-Permitting
- Portal Development
- Shared Services



Shared Governance and Cooperative Federalism



- Roles & Responsibilities
- Strengths
- Flexibility
- Commitment
- Respect for the Rule of Law

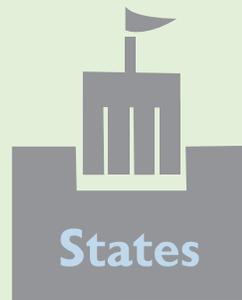




Streamlining Processes

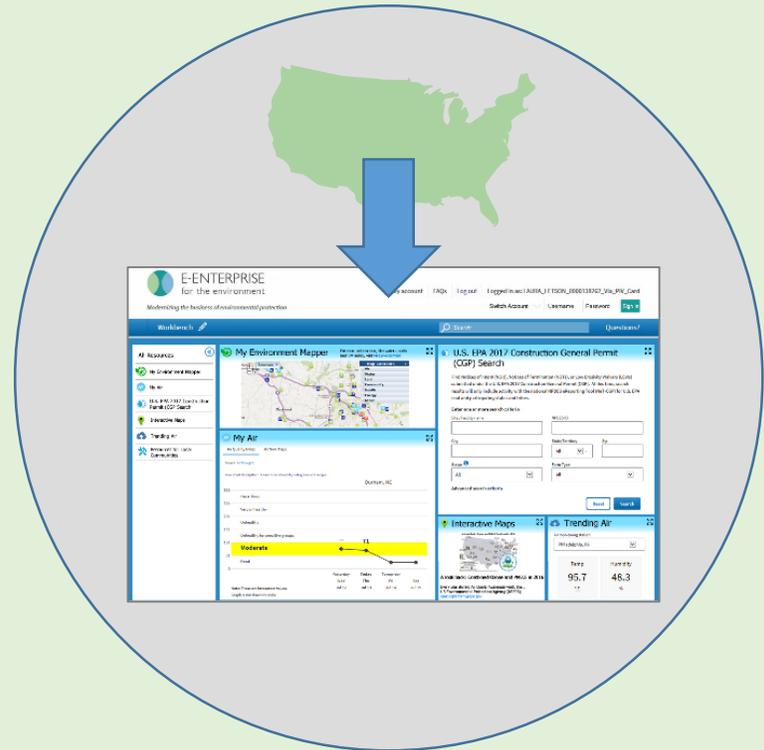


- Define
- Measure
- Analyze
- Improve

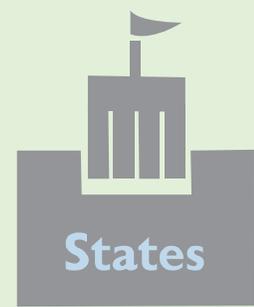




Optimizing Technology



- Shared Services
- Shared Code
- Scalable Solutions
- Portal Development
- Data Exchange



States



EPA



Tribes



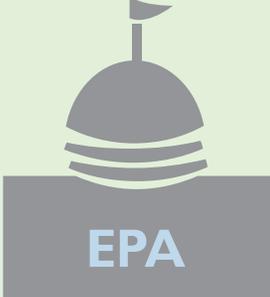
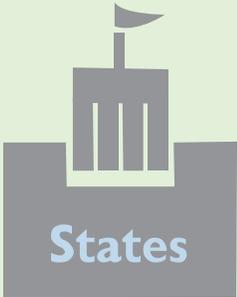
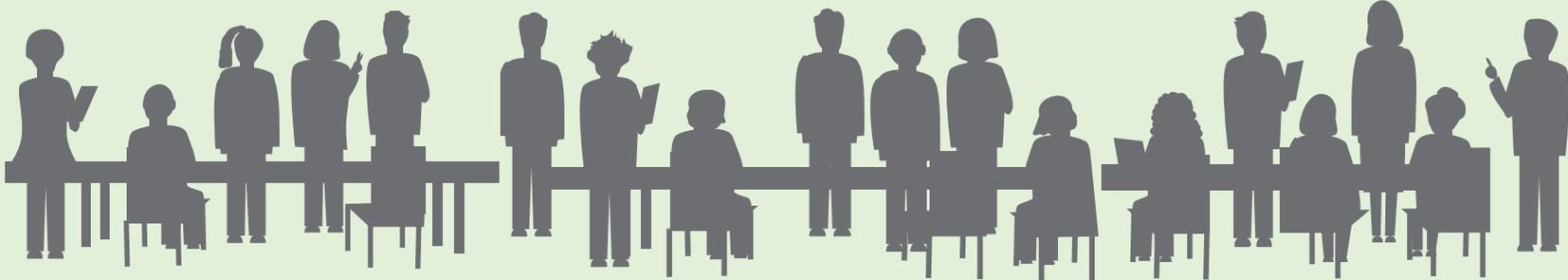
Embracing E-Enterprise in EPA's Strategic Plan



“EPA will continue to work with states and tribes through E-Enterprise, focused on how we work and plan together, agree on priorities, and allocate roles and responsibilities to update processes and programs.”



Shared Governance: E-Enterprise Leadership Council





E-Enterprise Leadership Council Membership (Spring 2018)

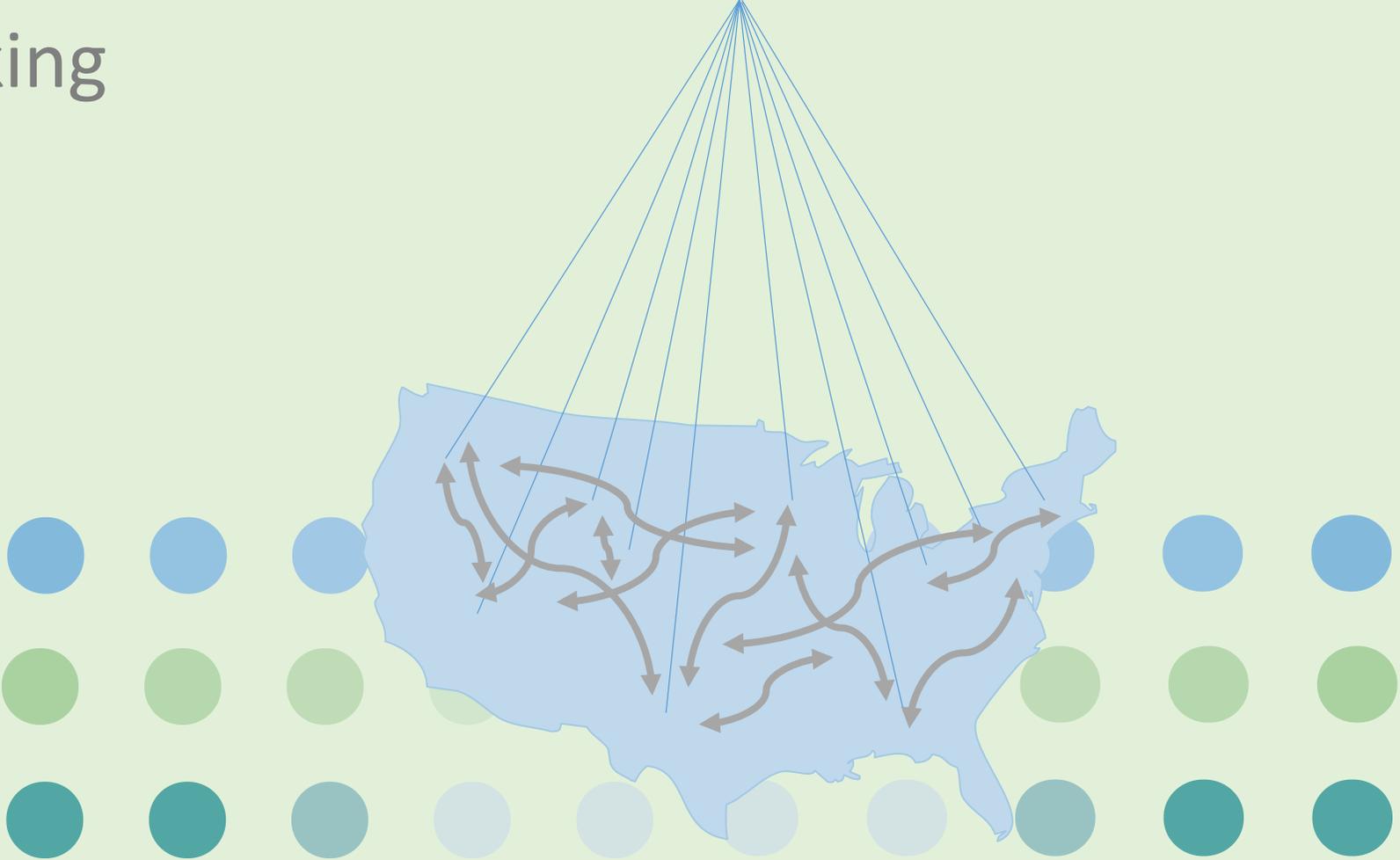
EPA	State	Regional Tribal Operation Councils
Henry Darwin, COO, co-chair	Becky Keogh, Arkansas, co-chair	Micco Emarthla, Seneca-Cayuga Nation, R6 RTOC, co-chair
David Bloom, DCFO, OCFO	Ben Grumbles, Maryland	Marvin Cling, Passamaquoddy Tribe, R1 RTOC
Deb Szaro, DRA, Region 1	Jim Macy, Nebraska	TBD, R2
Steve Fine, DAA, OEI	Patrick McDonnell, Pennsylvania	TBD, R3
Ed Chu, DRA, Region 5	Todd Parfitt, Wyoming	Jerry Cain, MS Band of Choctaw Indians, R4 RTOC
David Hindin (acting), OECA	Victoria Phillips, Massachusetts	TBD, R5
Benita Best-Wong, DAA, OW	Andy Putnam, Colorado	Alisha Bartling, Santee Sioux Nation, R7 RTOC
Betsy Shaw, DAA, OAR	Myra Reece, South Carolina	Gerald Wagner, Blackfeet Tribe, R8 RTOC
Nigel Simon (acting), OLEM	Bryan Shaw, Texas	Lisa Gover, Campo Band of Kumeyaay, R9 RTOC
Louise Wise, DAA, OCSPP	Scott Thompson, Oklahoma	Dean Adams, Burns Paiute Tribe, R10 RTOC



10 EPA Regional Coordinators

Regional Networking

Building a communication highway





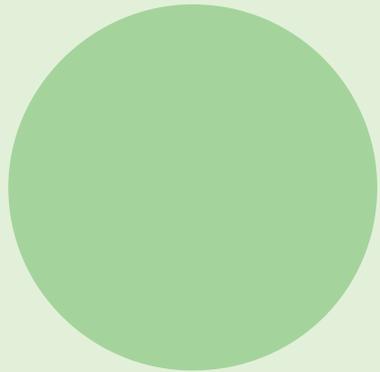
EE Regional Coordinators Contact Information

Region 1	Sheryl Rosner (co-lead)	Rosner.sheryl@epa.gov	617-918-1865
Region 2	Kevin Hurley	Hurley.kevin@epa.gov	212-637-3420
Region 3	Theresa Johnson	Johnson.theresap@epa.gov	215-814-5284
Region 4	James Davies	Davies.james@epa.gov	404-562-8232
Region 5	Allen Melcer	Melcer.allen@epa.gov	312-886-1498
Region 6	Ray Rodriguez	Rodriguez.ray@epa.gov	214-665-7477
Region 7	Doug Jones (co-lead)	Jones.doug@epa.gov	913-551-7592
Region 8	Anthony Deloach	Deloach.anthony@epa.gov	303-312-6070
Region 9	Nicole Moutoux	Moutoux.nicole@epa.gov	415-972-3012
Region 10	Margo Young	Young.margo@epa.gov	206-553-1287
OEE/HQ	Lisa Comer	Comer.lisa@epa.gov	202-566-2206

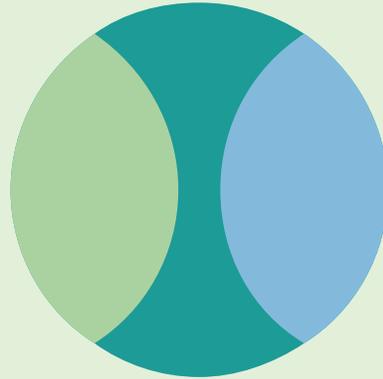


E-Enterprise Project Examples

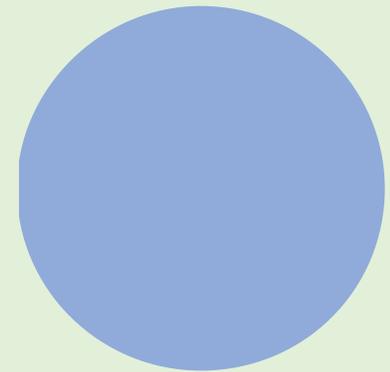
Shared Governance



Streamlining Processes



Optimizing Technology



E-Enterprise Portal: Building a national electronic gateway for environmental agencies and customers

To facilitate electronic communication between environmental agencies, customers, and the public, the Portal will enable customizable access to:

- Integrated environmental information
- Permitting and reporting
- Technological tools

Access at
e-enterprise.gov

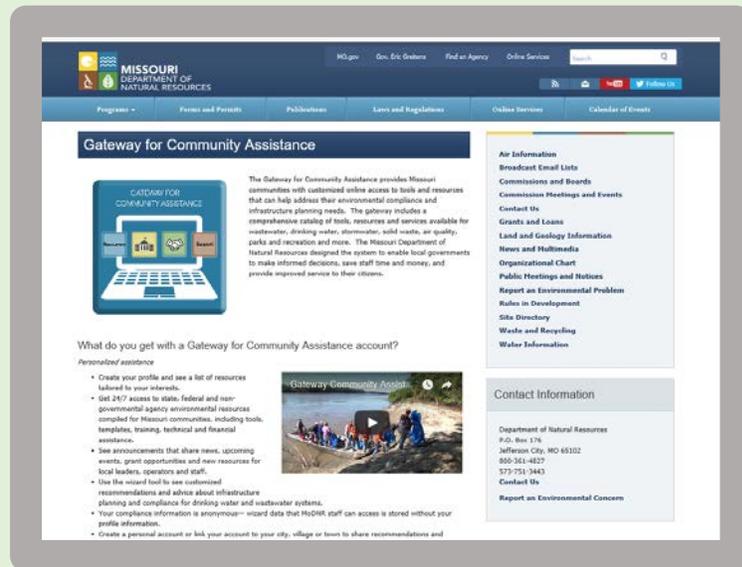
The screenshot displays the 'Workbench' interface of the E-Enterprise Portal. At the top, there is a navigation bar with 'Workbench' on the left, 'Set location' set to 'Durham, NC (27705)' in the center, and 'Questions?' on the right. Below the navigation bar, the interface is divided into several sections:

- To Do:** A section with a 'Last Updated: 3/8/2018 4:44 PM' timestamp and a refresh icon. It features tabs for 'All Items', 'This Week', 'Next Week', and 'Beyond'. Below the tabs are filters for 'Domain' (set to 'CEDRI') and 'Part Code' (set to '- Any -'). A table header shows columns for '#', 'Item', 'Domain', and 'Due', with a note that 'No data available in table'.
- Progress Tracker:** A section with a 'Last Updated: 3/8/2018 4:46 PM' timestamp and a refresh icon. It includes a 'Domain' dropdown menu set to '- Any -' and a table header with columns for '#', 'Item', 'Domain', 'Status', 'Date', and 'Actions'. A note indicates 'No data available in table'.
- My Facility Manager:** A section with a note stating 'Use of facility widget is subject to CDX [terms and conditions](#). You do not have any facilities to manage in CDX through this widget at this time.'
- Assistance Gateway:** A section with a 'Manage My Profile Topics' link and a note listing sources: 'Missouri Department of Natural Resources, US Environmental Protection Agency'.
- U.S. EPA 2017 Construction General Permit (CGP) Search:** A section with a 'Source: [US Environmental Protection Agency](#)' and a detailed description of the search criteria. It includes a form with fields for 'Site / Facility name', 'NPDES ID', 'City', 'State/Territory' (set to 'All'), 'Zip', 'Status' (set to 'All'), and 'Form Type' (set to 'All').

At the bottom of the interface, there is a navigation bar with icons for home, user profile, chat, and help.

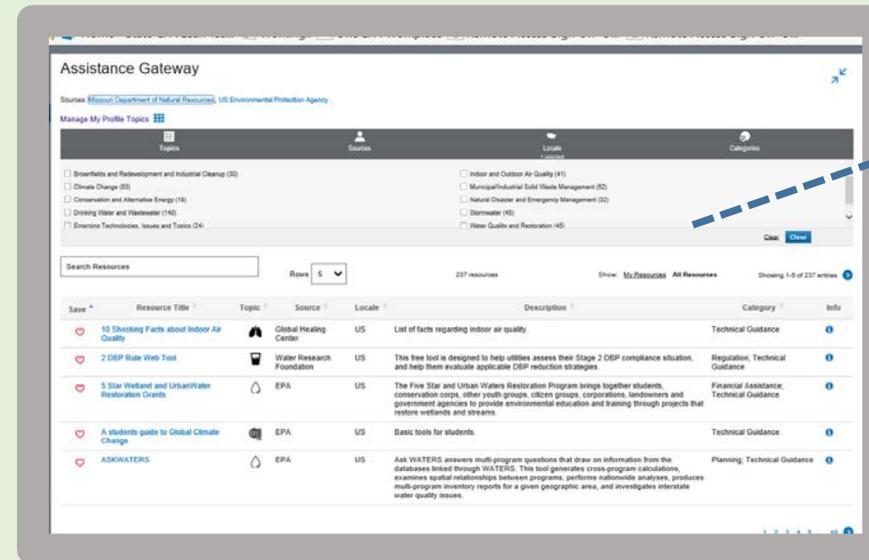
Assistance Gateway: providing easy access to compliance assistance tools

State-specific



Gateway for Community Assistance: Missouri has created local government resources that other states can customize and implement.

Nation-wide

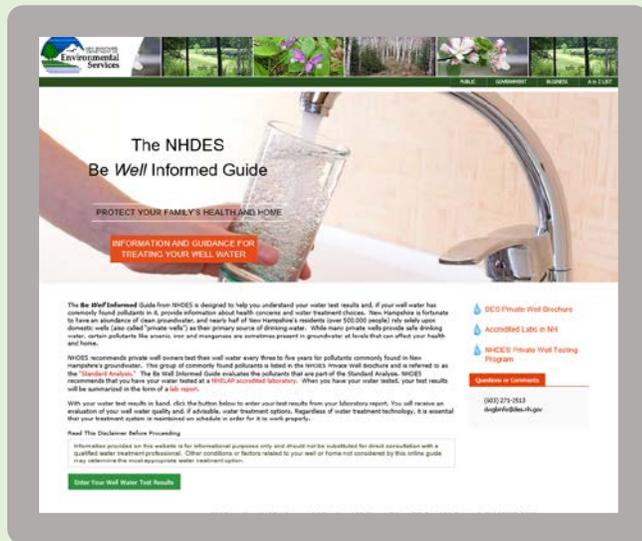


Assistance Gateway: Hosted on the E-Enterprise Portal, displays more than 270 local government tools & resources and categorized them by topics of interest.

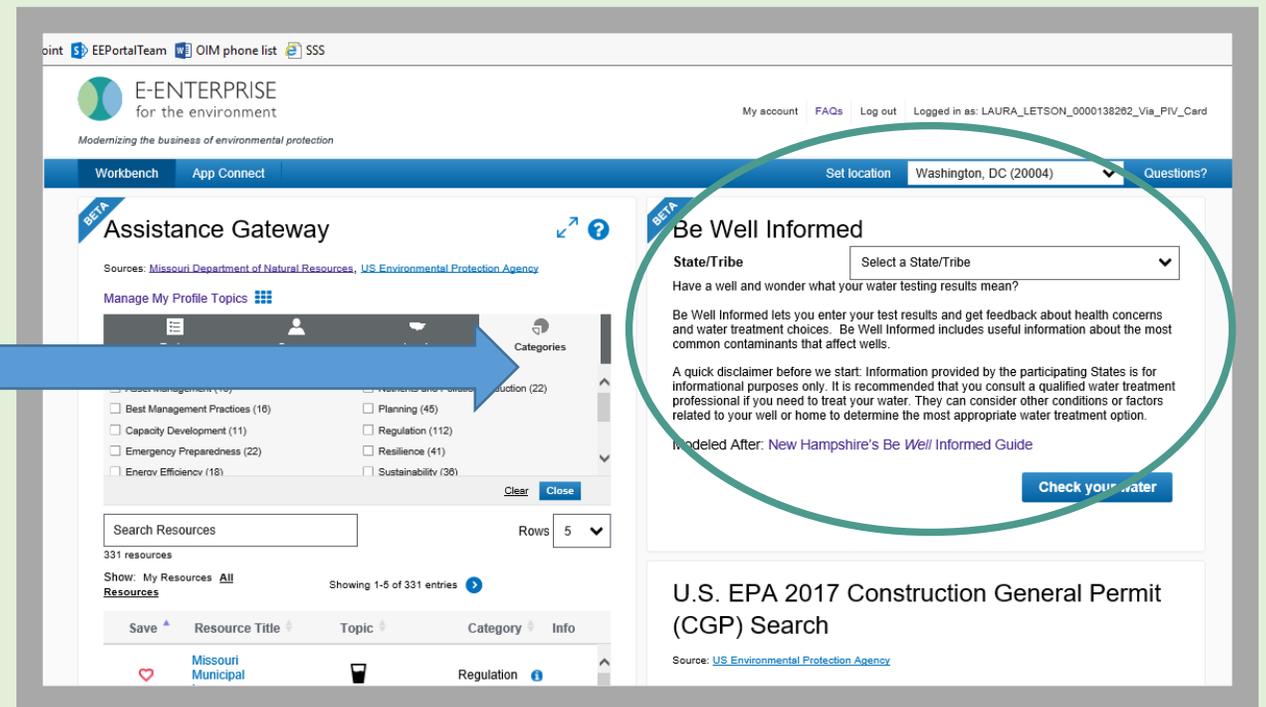
Future:
OECA
Compliance
Assistance
Centers

Be Well Informed: Improved Water Quality Information for drinking water well owners

Scaling New Hampshire's solution, any state or tribe can manage reusable code on a shared platform.



NH state page



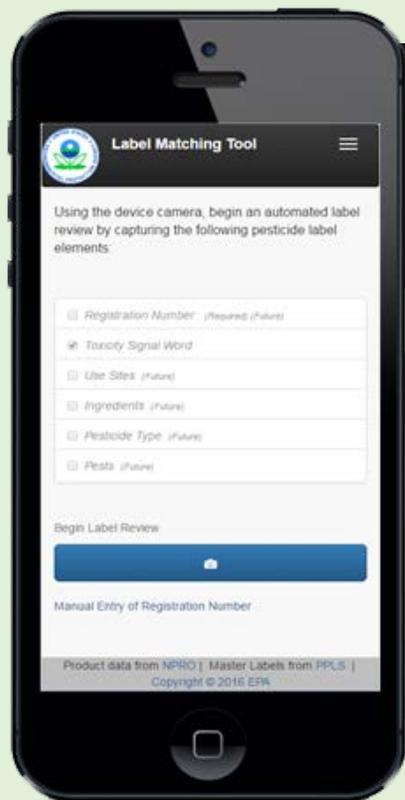
E-Enterprise.gov

Pesticide Label Matching: Streamlining and modernizing inspections

This project modernizes and streamlines the decades-old work process for conducting pesticide product label inspections. Through an app we will be able to easily compare labels in the field for almost instantaneous verification of compliance.



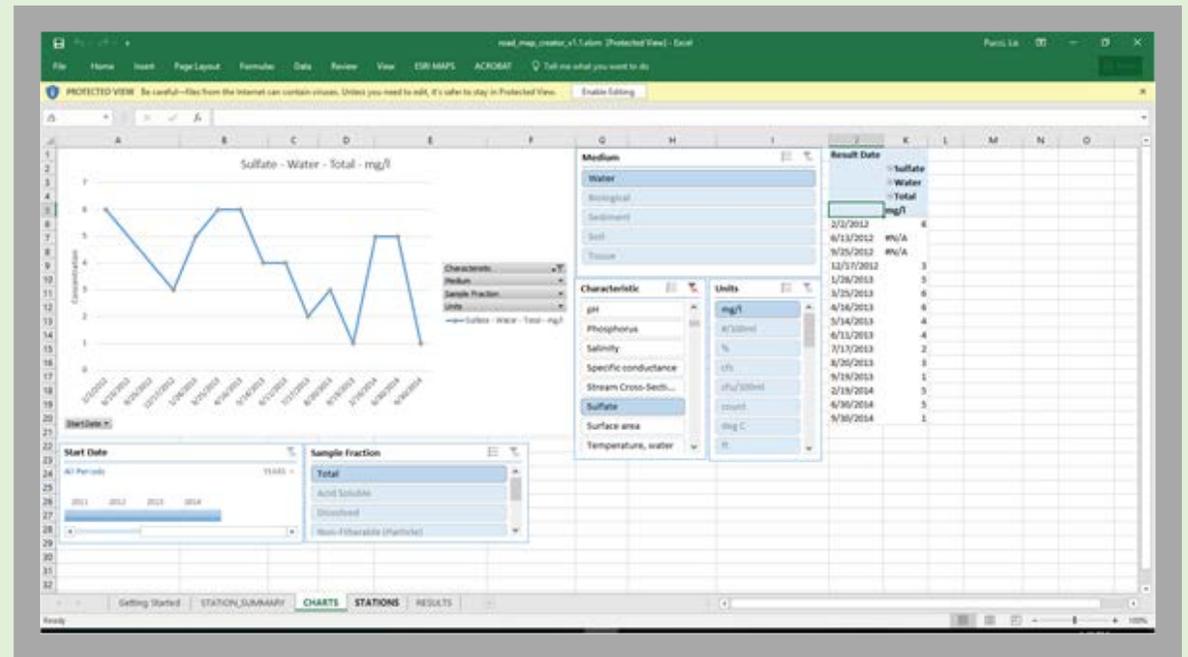
Available through
iTunes App Store and Google
Play



Tribal Water Quality Data Roadmap:

A path for easier and better data submissions

The Tribal Water Quality Data Roadmap tool helps tribes submit water quality data to the Water Quality eXchange (WQX) with customized guide for water quality monitoring, collection and sharing.



Smart Tools for Inspectors: Field inspections made easy

The Smart Tools project brings field inspections into the 21st century with software solutions and tools that enable inspectors to work more efficiently and effectively.





E-Permitting Return on Investment (ROI) Calculator: Building a financial case for e-permitting investments

Estimates benefits in economic activity saved by states investing in electronic permitting. Justifies investments in technology modernization and streamlining.

ePermitting Beyond ROI Metrics Calculator

Primary Metric
TIME TO MARKET



click here

Estimate gains in economic activity associated with reduced permit processing times.

Additional Metrics
These metrics describe two types of economic benefits (and cost savings) to the regulated community and the public that often result from improved permitting systems. These metrics expand on traditional ROI measures because they are not typically considered in direct cost savings estimates, which tend to focus on immediate savings to agencies and applicants.

Trusted Transactions



click here

Gains in productive value-added time for industry when uncertainty in the review process is reduced

Right Info, Right Time

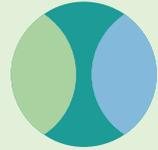


click here

Increased economic activity from efficiency in requesting and accessing information

If Colorado reduces the processing time for permits by 40 days for 397 facilities seeking permits in the commercial construction sector:

▶ The benefits could be as high as **\$149 million** in economic activity each year.



E-ENTERPRISE
for the environment

Thank You

Web site www.e-enterprisefortheenvironment.net

Portal www.e-enterprise.gov



#e_ent4env