

E-Enterprise for the Environment

Dick Pedersen – Oregon DEQ

Connie Dwyer – US EPA

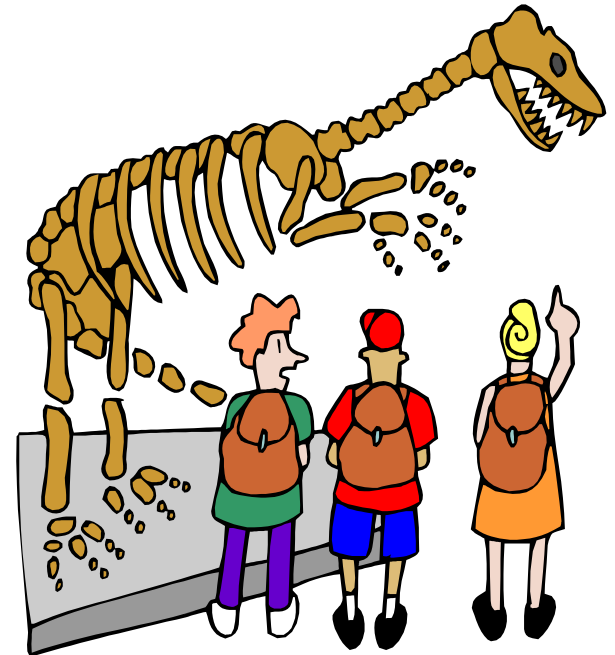
Outline

- **Driver**
- **Vision for E-Enterprise**
- **Examples**
- **Governance**

Drivers

Our choice:

Build a 21st century digital government or be a dinosaur.



Unique Features of E-Enterprise

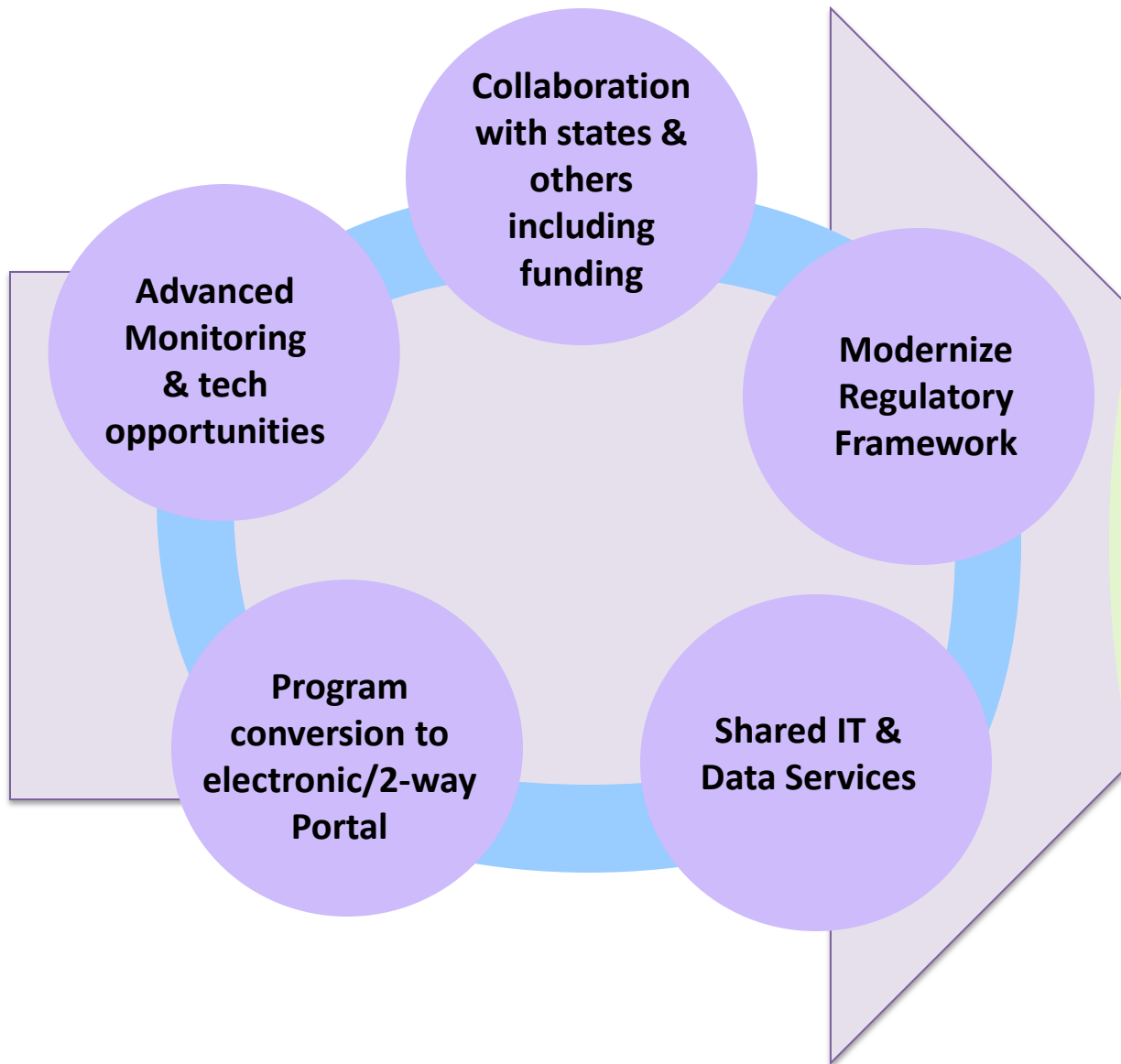
- E-Enterprise is a one-EPA initiative to modernize our business
 - Not just a similar set of IT projects.
- Many E-Enterprise projects do not have natural single office home
- Large Change in how EPA does its business
- Collaboration with ECOS in developing, managing and implementing
 - Not simply EPA sending ECOS almost finished products for comment.

E-Enterprise for the Environment

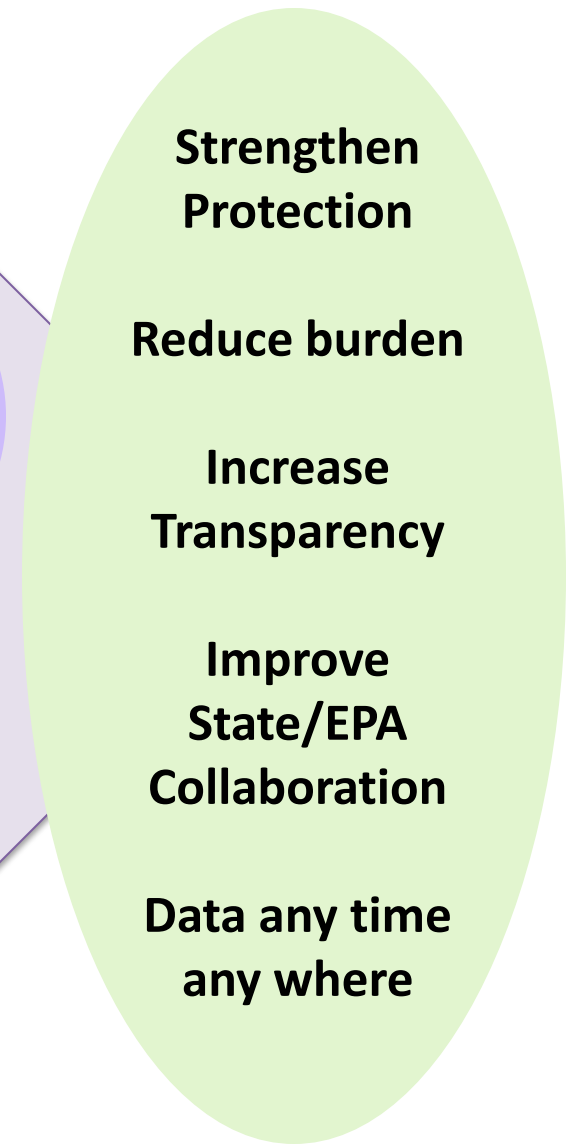
is a joint initiative of States and EPA to improve environmental outcomes and dramatically enhance service to the regulated community and the public by maximizing the use of advanced monitoring and information technologies, optimizing operations, and increasing transparency.



Major Components



Key Drivers



ECOS/EPA Teams and Co-Chairs

Governance Team : Tom Burack (NH)/Andy Battin (EPA)

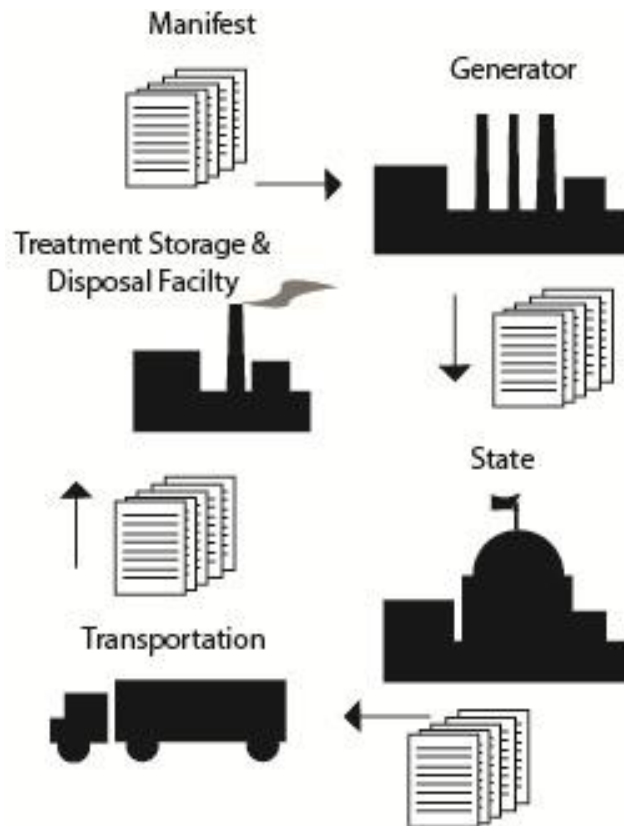
Communications Team: Victoria Phillips (MA)/Ira Leighton (EPA R1)

Blueprint Team: Karen Bassett (AR)/Steve Chester (EPA)

Early Success/Business Case Team: Scott Nally (OH)/David Hindin (EPA)

Major opportunities to modernize business and regulatory processes

Example: E-manifest required regulatory reform to replace paper with digital platform.



Projected Savings: \$75 million and reduction in 400,000-700,000 FTE hours.



Modernize regulatory framework and convert to electronic

Current project: Consolidate Financial Assurance (FA) reporting under four statutes

- Industry spends est. 420,000 hrs establishing FA and \$33M on paper form filings.

**FA Universe
approx \$17B
in insurance
obligations**



**\$5B Known
CERCLA FA**



**\$5B Known
RCRA FA**



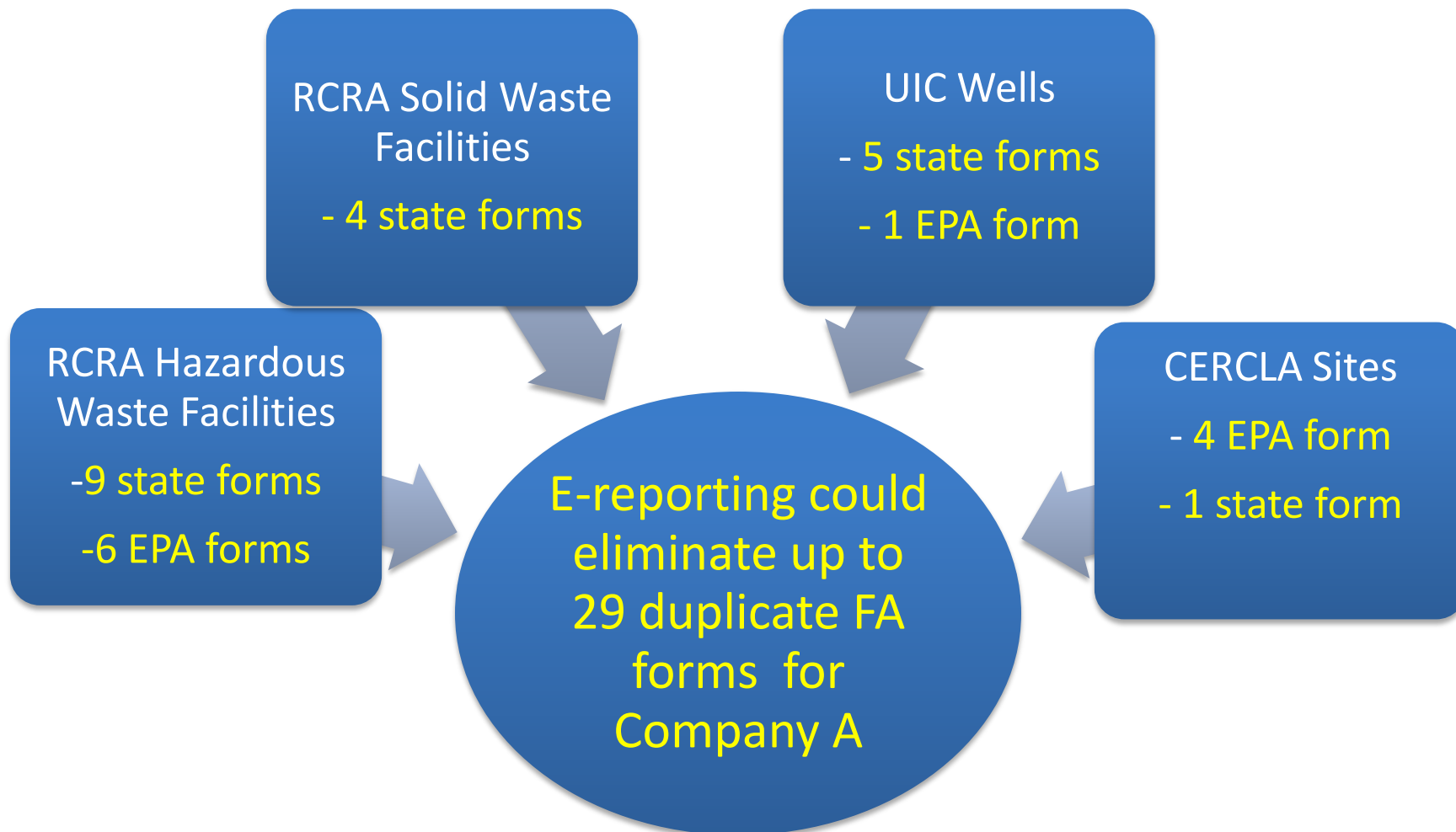
**\$6B
Estimated
SDWA FA**



Modernize regulatory framework and convert to electronic

Significant opportunities for burden reduction, data consolidation and improved performance.

(FA example from actual “Company A”)



Build on the Successful Partnership of the Environmental Information Exchange Network

- 30 common data standards and interoperable technology
- All 50 States and over 20 Tribes established and exchanging environmental information on the Exchange Network



Creating Shared Business Services through EPA's Cross-Media Electronic Reporting Regulation (CROMERR) to enable e-reporting.

Examples of shared business services

PayPal

Enter your information

Secure 

After you create your PayPal Account, we'll ask you to link your bank account, debit card, or credit card. Then, you can start using PayPal right away.

We don't share your financial information with third parties.

1. Set up your account

Email address

You will use this to log in to PayPal

Choose a password

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bing



Bing Rewards Accounts

Please sign in with your Bing Rewards Microsoft account or Facebook ID to access your account.



Microsoft account

Sign in



Facebook

Log in

- Enables states and EPA programs to identity proof electronic signatures to make sure associated with a real person.
- Similar to shared business services offered by many commonly used sites.

Smart Portal for 2-way Transactions (public view)

major enhancements
to EPA and state
platforms will provide a
more customized
experience through
secure user profiles

United States Environmental Protection Agency

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Where can I advertise an environmental cleanup that is happening next week in my town? View this and more in MyCommunity.

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The AQI is an index for reporting daily air quality. It tells you how clean or polluted your air is, and what associated health effects might be a concern for you. [Read More](#)

The Assessment Total Maximum Daily Load (TMDL) Tracking and Implementation System (ATTAINS) provides information reported by the states to EPA about the conditions in their surface waters. This information is required every two years under Clean Water Act Sections 305(b) and 303(d). [Read More](#)

Name	Type	Size	Status
Alewife Brook	Lake	16.1 acres	Impaired
Alewife Brook	River	2.3 miles	Impaired
Griswold Pond	Lake	10.6 acres	Impaired
Blacks Nook			Impaired
Mill Pond	Artificial Path	0.1 miles	Impaired
Mill Pond	River	0.2 miles	Impaired
Bellevue Pond			Not Assessed
Nashoba Brook	Artificial Path	0.0 miles	Impaired
Nashoba Brook	Lake	8.6 acres	Impaired
Nashoba Brook	River	7.9 miles	Impaired

The State Energy Data System (SEDS) is the U.S. Energy Information Administration's (EIA) source for comprehensive State energy statistics. Included are estimates of energy

Toxic air pollutants, or air toxics, are those pollutants known or suspected of causing cancer or other serious health problems, such as birth defects. Not all air pollutants are considered

The National Priorities List (NPL) is the list of national priorities among the known releases or threatened releases of hazardous substances, pollutants, or contaminants

