Modernizing the Business of Environmental Protection

E-ENTERPRISE
for the Environment

Who We Are and What We Do

E-Enterprise for the Environment (E-Enterprise) brings together co-regulators from the United States Environmental Protection Agency (EPA), States, and Tribes to modernize the business of environmental protection.

E-Enterprise stands on the shoulders of the Environmental Information Exchange Network (Exchange Network), a partnership envisioned in 1998 to enhance environmental data sharing, management, and real-time access. Via our 2016 Charter, E-Enterprise expands upon the Exchange Network's success looking for ways to make environmental programs run more efficiently and effectively.

For over a decade, EPA, state, and Tribal leaders – led by the E-Enterprise Leadership Council (EELC) – have relied on our shared responsibility implementing federal environmental programs to:

South Carolina benefits tremendously from our involvement with E-Enterprise and the Exchange Network, as my staff learn about best practices to modernize our processes like online permitting and data sharing. E-Enterprise serves as a vehicle for bringing the best technologies, data, and business practices to agency operations, thus protecting the environment while supporting economic opportunities.

Myra Reece, Interim Director of the South Carolina Department of Environmental Services, EELC Member, and Environmental Council of the States (ECOS) Past President

Collaborate and communicate directly about ways to improve environmental program management, and

Jointly develop practical approaches that streamline processes and optimize technology.

Our Value

Acknowledging our shared authority, E-Enterprise partners use a joint governance model to engage early and meaningfully on projects that consider administration priorities aligned with the EELC's ongoing strategic direction. At its core, E-Enterprise builds reliable, productive relationships across EPA, state, and Tribal partners by:

Sovereign Tribal governments benefit from participating in E-Enterprise by learning about ongoing system modernizations and other process improvement efforts, which in turn can be shared with a larger network of Tribal governments. E-Enterprise improves environmental outcomes by recognizing the needs of Tribal organizations and exchanging information, tools, and expertise that benefit us all.

Jerry Cain, Environmental Manager of the Mississippi Band of Choctaw Indians and EELC Tribal Co-Chair

Breaking down silos across agencies and programs

Leveraging partners' experience to understand different perspectives and solve common challenges, and

Tapping into available knowledge and resources to save time and money and create program efficiencies.

EPA, States, and Tribes strive to keep pace with new business models and advancing technology, while simultaneously addressing environmental issues. E-Enterprise partners contribute agency expertise and harness new ideas to simplify program processes and update IT/data systems, based on customer needs. The work we do together is successful because we focus on:

Building once, using many times: developing, testing, and deploying tools that can be replicated and used by others

Prioritizing and promoting practical solutions for emerging and enduring issues, and

Improving program operations to better serve the customer, the public, industry, and EPA, States, and Tribes.

Our Work

E-Enterprise supports projects that boost know-how across EPA, States, and Tribes, helping us better understand and manage the business of environmental protection. Together we create time and cost savings by working in real time to address common problems – and share solutions. As illustrated below, building expert connections, effective communication, and adaptable solutions, we improve program management and serve industry, the public, and government.

Artificial Intelligence (AI)

EELC members are learning about potential AI use cases and testing ways to deploy AI at agencies. For example, Arizona DEQ is using predictive analytics to prevent water systems – **16** systems since 2020 – from exceeding drinking water arsenic levels through early intervention. EELC members also recognize the need to strengthen AI training and application for Tribes.

Tribal Software Licensing Tools

Developed for Tribal professionals, the **11**-step software procurement roadmap and software licensing guide provide easy instructions to optimize federal grant dollars used to support long-term software needs.

Be Well Informed (BWI)

Private well-water owners use BWI to clearly understand complicated lab results, and in turn, address health concerns and water treatment choices tailored to local standards. Design improvements are underway to expand and enhance user experience.

12 Agencies using BWI

10,602,265 Potential residents served

State Planning Electronic Collaboration System (SPeCS)

Using SPeCS, agencies save paper, postage, and storage costs and time required to prepare and enter paper submissions. Users also benefit from the security and enforceability provided by electronic submissions.

50 States submit SIPs, tracking progress toward national clean air goals

1,880+ State Implementation Plans (SIPs) submissions to date

181 Exceptional events submissions to date

Communication Strategies

E-Enterprise Community Inventory Platform (EECIP), the E-Enterprise website, and the E-Enterprise Bulletin are where EPA, States, and Tribes go to learn about innovative tools and connect with partners.

900 Users in EECIP

1,399 Readers per Bulletin issue

New Mexico is harnessing satellite technology, artificial intelligence, and machine learning in a groundbreaking initiative, Hydro Delta, to detect underground water leaks. With 40-70% of drinking water lost nationally due to leaks, the effort could result in an estimated $154 million in savings for the state's water systems.

James Kenney, Cabinet Secretary of the New Mexico Environment Department, EELC State Co-Chair, and 2025 ECOS President