

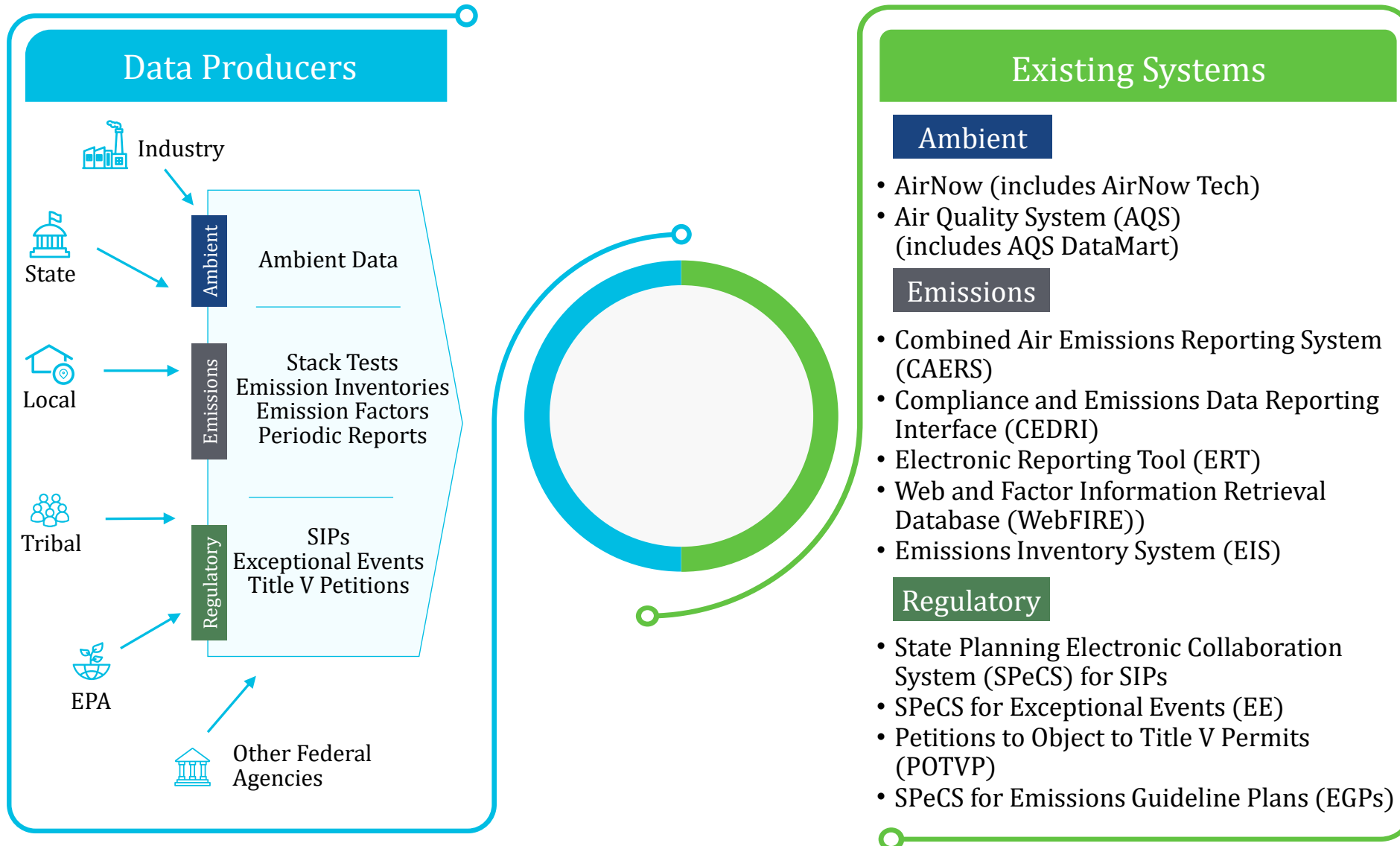


UNIFIED PLATFORM
YOUR AIR. YOUR DATA. YOUR WAY.

Unified Platform Project Updates Spring 2026

- Unified Platform Project Background and Overview
- Unified Platform Project Development: Three Business Lines
- Unified Platform Project Development: “Assembly Line” Overview
- Minimum Viable Product (MVP) Approach
- User Impacts
- Why External Engagement Matters
- Q & A
- Unified Platform Project Contact Information

What is EPA's Unified Platform Project?



Project Development: Business Line Structure



- Development is organized into three business lines:

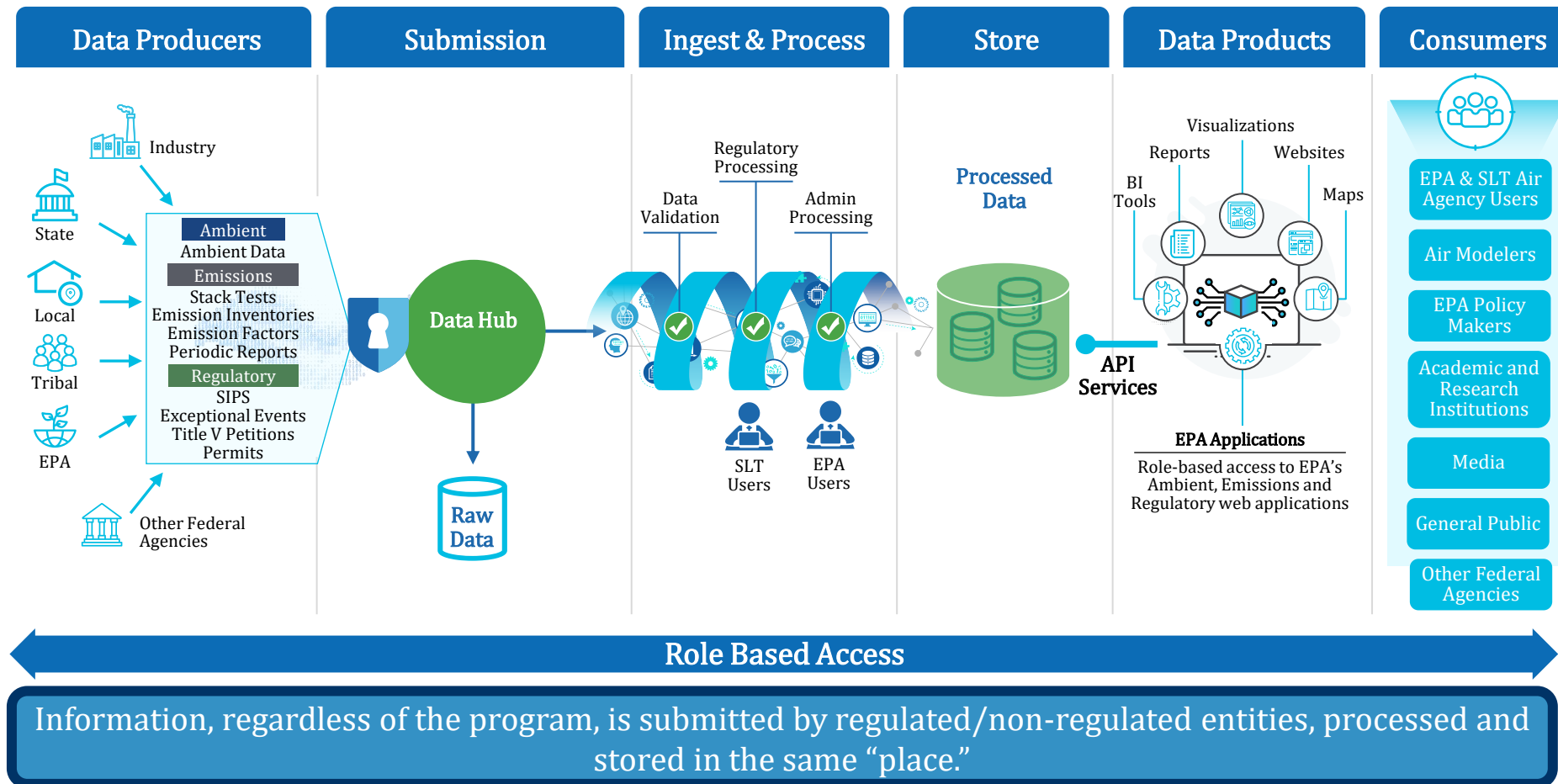
Ambient	Emissions	Regulatory
Focuses on real-time and historical monitoring data. <i>(i.e., AQS and AirNow)</i>	Covers emissions inventory and facility reporting. <i>(i.e., EIS, CEDRI, CAERS, ERT, WebFIRE)</i>	Supports Clean Air Act planning, permitting, and exceptional events. <i>(i.e., SPeCS for SIPs and SPeCs for Exceptional Events, POTVP)</i>

- Each business line moves at a different cadence based on internal and external stakeholder participation, but they will ultimately converge in the Unified Platform.
 - Focusing on updating existing data standards and requirements for MVP functionality.
- On separate tracks:
 - The development and architecture team are working on the security, hosting, and infrastructure of the system.
 - OSAP-led EPA teams are working with EPA Office of Finance and Administration to implement and ensure compliance with EPA guidance and regulations.

The Vision for the Future of Air Data



- We are building a *new* modern system that **redesigns** how we collect, process, store, and share air data across programs.



Functionality in the New System



Overlapping Functionalities

Unified Experience Design System

Login, Account Creation, User & Organization Management

In-App Notifications & Email Notifications

Data Submission

Data Distribution

User Dashboards & Reports

Certify & Review

Ambient	Emissions	Regulatory
Configure & Manage Network	Facility Inventory Management	Update Review / Area Pages
Data Certification	Prepare Regulatory Emissions Data for Submission & QA Data	Manage Backend Data
Quality Control Review	Develop Emissions Factors	Internal & Sanction Clocks
Air Quality Forecasting	Prepare NEI Data for Submission & QA Data	Deficiencies for Redesignation
Reporting Areas	Refine Data for Annual Reports	Area Status & Reclassification

Example of the Assembly Line Process

Stakeholders: State Local Tribal EPA Other Federal Agencies Industry

Ambient

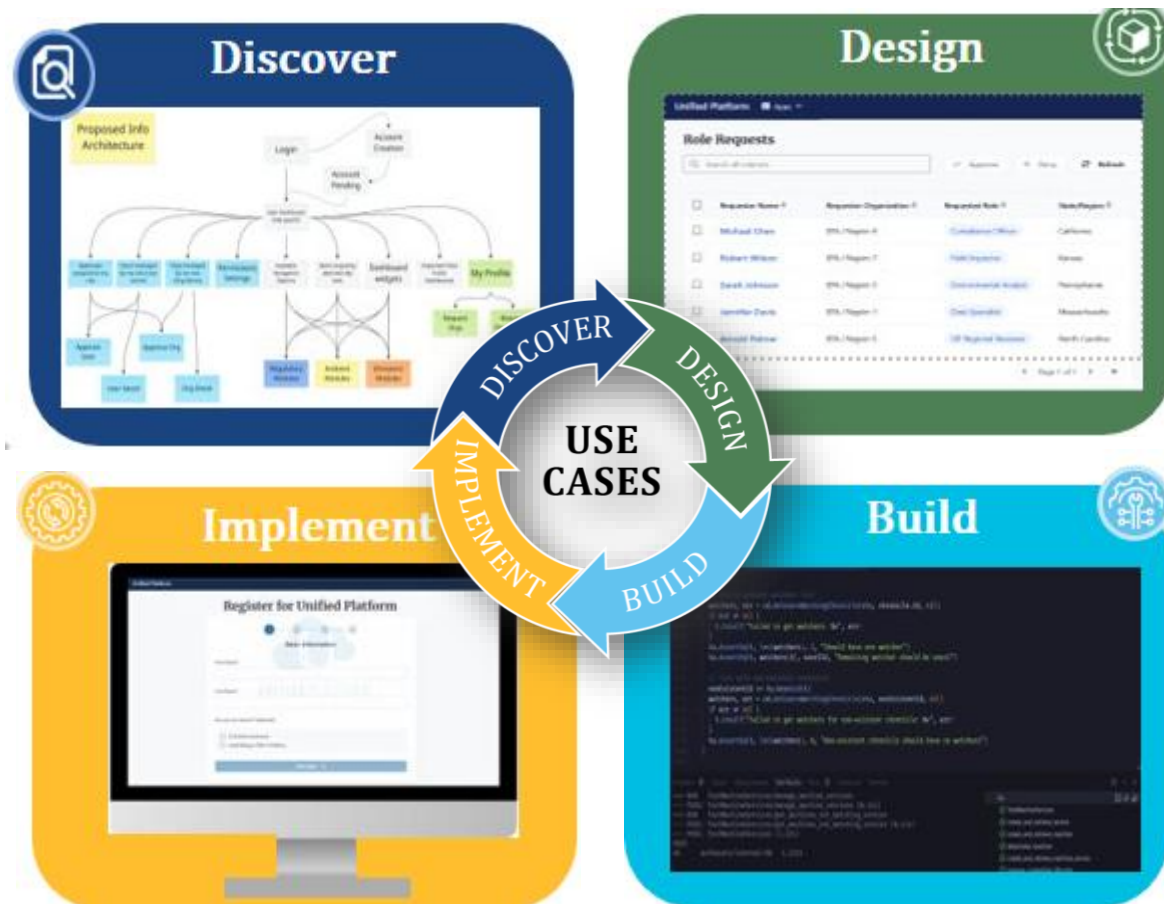
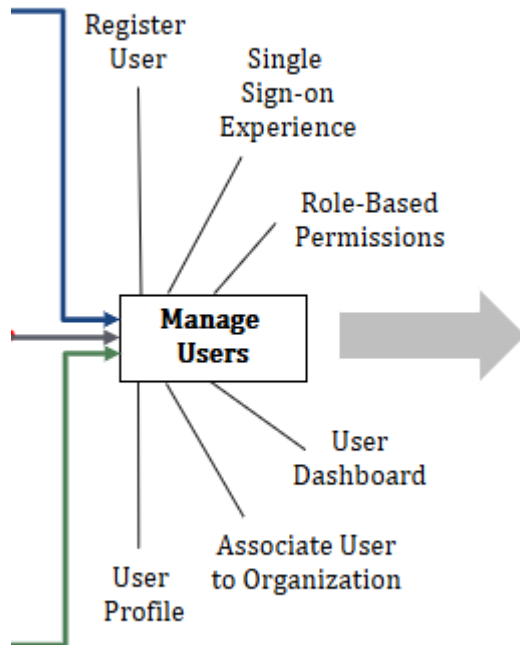
- Organization & Account Creation
- Organization & User Management
- Configure & Manage Network

Emissions

- Facility Inventory Management
- Account Creation & User Management
- Manage Users & Facilities Access Requests

Regulatory

- Account Creation & User Management
- Manage User Access Requests
- Data Submission



Minimum Viable Product (MVP) – Initial Scope



- The MVP focuses on delivering the **core functionalities** that will most significantly enhance the user experience. **The MVP schedule and development efforts are iterative and subject to user acceptance testing, which may shift our initial timeline.**
- The initial scope is organized into smaller, manageable components called **functionalities**, defined across the ambient, emissions, and regulatory workstreams. Each functionality represents how a user interacts with the system to complete a specific program or business goal.
- As engagement with internal and external partners continues, additional functionalities may be defined to further strengthen the Unified Platform.

Current Functionality Remains the Foundation

- Existing system functionality will serve as the starting point for development; the project will evolve through continuous improvement over time.

Initial Release Scope

- **Regulatory:** Centers on improving how SIP data are submitted, tracked, and reviewed, with tools for user management, reporting, and transparency.
- **Ambient:** Modernizing key AQS functions for managing ambient monitoring data, with some shared functionality that overlaps with AirNow.
- **Emissions:** Focusing on ERT functionality and shared facility inventory capability; sub-facility data will be incorporated in later releases.

Transition Approach

- New functionality will run in parallel with existing systems during transition.
- Legacy systems will be deprecated only after the new functionalities are fully ready.
- Deprecation timelines have not yet been determined.

Why External Engagement Matters



- External engagement is a core principle of the Unified Platform project development approach.
- The project team is committed to:
 - **Continuous engagement with State, Local, and Tribal (SLT), EPA regions, and industry partners** to help ensure the platform supports real operational needs and reduces reporting burden.
 - **Commitment to sharing air program related data exchanges** through the EPA Exchange Network Partnership site.
 - **Transparent communication throughout development** so stakeholders can review progress and provide input as the system evolves.
 - **Incorporating stakeholder perspectives into system design and functionality** to better support Clean Air Act program implementation.
- Our goal is to build the new platform *with* our partners, not just *for* them.

Unified Platform Listening Sessions Summary

Event	Date	Audience	Participants	Details	Listening Sessions Summary
External Engagement Kickoff	September 11	General	585	47 States, D.C. and Puerto Rico (missing SD and WV) 6 State/local MJOs 13 Tribes - All 10 EPA Regional Offices	N/A
Ambient Listening Sessions	September 22 & 30	General	480	- All 50 States, D.C. and Puerto Rico 6 State/local MJOs 34 Tribes & TAMS - All 10 EPA Regional Offices	- Users emphasized the need for greater transparency, intuitive navigation, and clearer error messaging across ambient functionality. - Strong demand for a modern, flexible, and integrated system to simplify data submission and annual certification tracking.
	October 7	EPA Regional AQS	41		
	October 8	AAPCA	118		
	October 28	Tribes	27		
	December 10	EPA Regions	18		
Emissions Listening Sessions	September 29 & October 6	General	287	47 states, and D.C. (missing SD, IN and IA) 8 State/local MJOs 9 Tribes - All 10 EPA Regional Offices	- Participants called for system stability, performance improvements, and clearer documentation/training to reduce rework caused by mid-cycle EPA changes. - Requested better visualization tools and clearer reporting features to improve emissions data management and communication.
	September 18	Emissions Inventory Conference	128		
	October 23	AAPCA	65		
	December 4	EPA Regions	29		
Regulatory Listening Sessions	October 22	General	68	45 states, and D.C. (missing HI, MT, ND, SD and VT) 7 State/local MJOs - All 10 EPA Regional Offices	- States and EPA regions highlighted persistent data loss, data submission, notification, and upload issues and called for more transparent and reliable SIP/EE workflows. - Requested streamlined access and navigation in Greenbook and public dashboards for tracking submissions and decisions.
	November 4	AAPCA	99		
	November 19	NACAA	235		
	December 15	EPA Regions	28		

- If you have questions, contact the Unified Platform project team at: UP@epa.gov

