

Environmental Information



# EN2017

## INTEGRATED STATE PLAN ELECTRONIC SUBMISSION AND TRACKING SYSTEM

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#EN2017

<http://www.exchangenetwork.net/en2017>

# ABSTRACT

- This modernization project will provide a state-of-the-art information technology system for authorized state, local and tribal agencies to submit plans for EPA to process State Implementation Plans (SIPs) due under the federal Clean Air Act.
  - Agencies will be able to submit plans and related submissions through a secure web-based system (State Plan Electronic Collection System, or “SPeCS”).
  - EPA will be able to more efficiently track and process state submissions for implementing strategies to improve air quality.
  - For industry and environmental stakeholders and the public, the system will provide links to approved plans and submittal status information.

# Objectives of this Session

- Share our vision for the integrated state plan submission and tracking system (SPeCS)
- Provide an update on progress toward that vision
- Describe how our state, local and tribal agencies and regional partners can participate in system development
- Highlight the use of SPeCS as a shared service

# Vision: Integrated Electronic State Plan Submission System

- Our vision is to create an integrated electronic submission system for SIPs and other state submittals that enables us to:
  - Manage state submissions more efficiently and effectively
  - Increase transparency through data availability
- Other state submittals could include:
  - Exceptional Events demonstrations
  - Title V permits
  - Reports required by statute or regulation for NAAQS implementation purposes
- This system could also provide shared services for other parts of EPA
  - OLEM is adapting SPeCS for Agency Federal Facility Recovery and Reuse Program

# Benefits of the System

- SPeCS will provide significant benefits to states, locals, tribes, EPA and the public
  - Modern way of operating, similar to e-commerce sites
  - Substantial cost savings to EPA through consolidation of multiple existing IT systems and more efficient plan processing
  - Savings on printing, mailing and storing costs
  - Safe and secure submissions
  - Summary record of submission information
    - Ease of information access through an improved interface
    - Increased transparency
    - Improved overall efficiency in EPA's ability to review, track and process submissions
    - More real time data

# First Step: the eSIP system

- EPA launched its electronic SIP (“eSIP”) system in March 2015 as a first step toward creating an integrated electronic submission system for SIPs and other state submissions, allowing states to submit plans electronically.
- The eSIP system was in response to a recommendation of the EPA/NACAA/ECOS SIP Reform Workgroup for electronic submittal and greater transparency in SIP processing.
- eSIP Stats as of May 2017
  - 46 out of 50 states (DC and 2 US Territories) are registered for the eSIP system
  - 25 states and 1 US Territory have made submissions
  - Total of 226 SIPs have been submitted

# Second Step: Expanding on eSIP

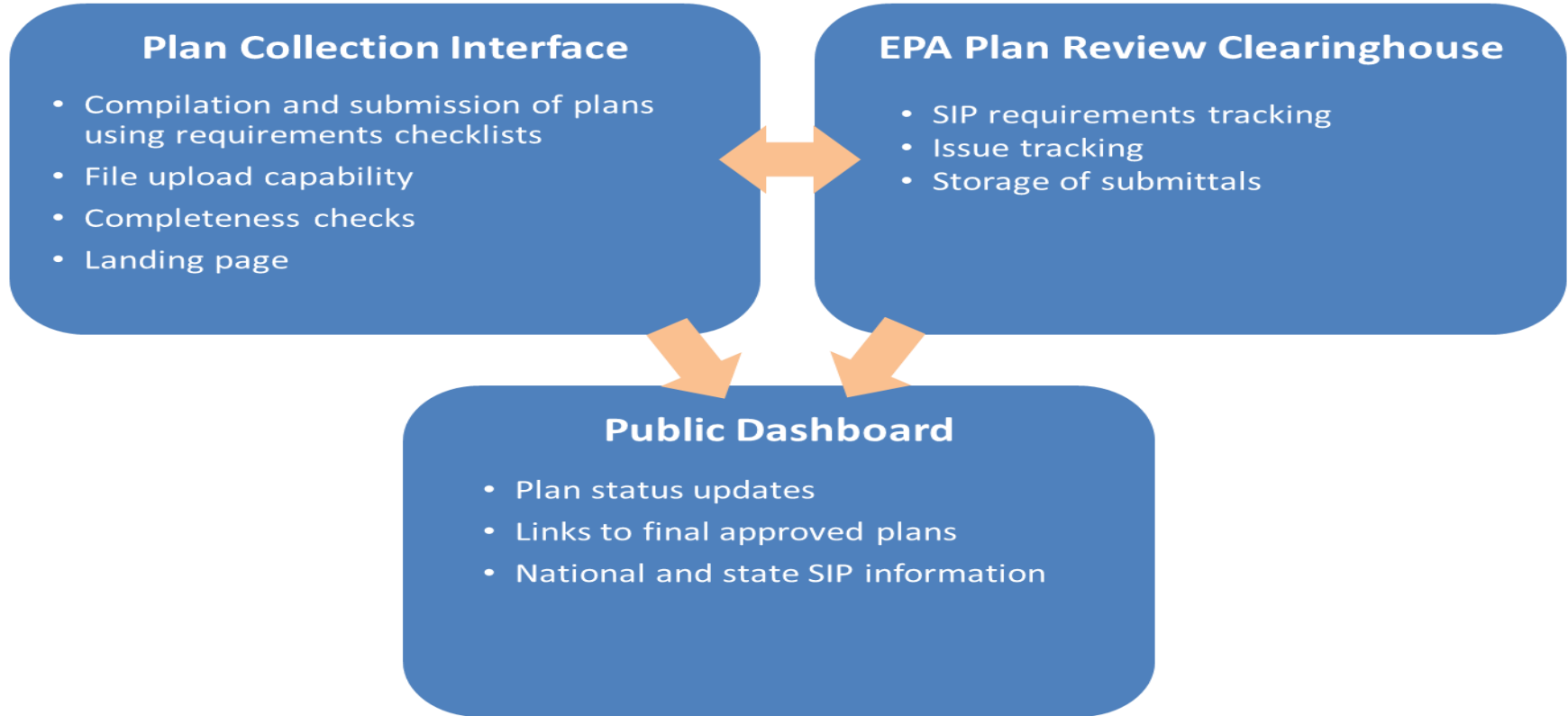
- In FY 2015, several states and EPA offices came together through an E-Enterprise Integrated Project Team (IPT) to assess how SPeCS could be used to build on the eSIP system to accommodate SIP submittals
- The IPT focused on the features and functions that would be desirable for two components of the system:
  1. State plan collection interface (SIP submittal pages)
  2. Public dashboard
- The IPT recommended developing SPeCS for SIP submittal purposes and included suggestions for priority features

# Next Step: Building SPeCS for SIPs

- In FY 2016, EPA initiated its “SPeCS for SIPs” project based on recommendations made by the E-Enterprise IPT
- The goal of SPeCS for SIPs is to improve and modernize the SIP submission process by enabling:
  - Air agencies to follow a step-by-step, web-based process to upload submissions and transmit them to EPA (replacing eSIP);
  - EPA to store plans in a centralized electronic repository;
  - EPA to track and resolve national issues;
  - EPA to track state compliance with CAA requirements;
  - External public access to status information on EPA action on SIPs, links to submissions, and links to FR notices; and
  - Future additional functionality, such as maintaining SIP compilations and accommodating other submission types



# SPeCS for SIPs Major Components






# Plans for FY 2017

- In FY 2017, our plans are to complete:
  - Developing 3 main components of the system:
    - 1) Plan collection interface (state, tribal and local submissions)
    - 2) EPA internal clearinghouse (EPA tracking, reviewing, and processing of submissions)
    - 3) Public dashboard (submission status information for general public viewing)
  - Integrating existing EPA IT systems (currently used within EPA for tracking, reviewing, and processing submittals)
  - Accommodating state, local and tribal submissions to meet all infrastructure SIP and attainment plan requirements
- Anticipated completion: November 2017

# Plans for FY 2018

- In FY 2018, our plans are to expand the system to other types of Clean Air Act related state submissions, such as:
  - 1) Exceptional events demonstrations
  - 2) Title V permits
- Anticipated completion: November 2018
- Beyond Clean Air Act submissions, we are exploring with other EPA offices the potential use of SPeCS as a shared service for other programs
  - OLEM is adapting SPeCS for the Federal Facility Recovery and Reuse Program
  - We are actively soliciting EPA and S/L/T staff for ideas on how to adapt SPeCS for other EPA programs

# Summary of Progress

Element	Status	
eSIP system	Launched March 2015	
<b>State Plan Electronic Collection System</b>		
Joint State/EPA planning team characterizes needs	September 2015	
Team input on state & public components through a planning document	June 2016	
Additional development of a state submission interface (beyond eSIP), internal EPA clearinghouse and public dashboard components	Under development for delivery in November 2017	<b>in progress</b>
Additional functionality and other state submissions	Planned for 2018	

# State, Local and Tribal Participation in System Development and Testing

- As future users of the system and co-regulators with EPA, air agencies will play a key role in ensuring success of this project
- EPA is working to identify opportunities for seeking input and feedback from air agencies as we develop this system, such as through participation in:
  - E-Enterprise SPeCS integrated project team
  - Webinars and Regional hub calls
  - Beta testing groups
- EPA welcomes input from states, locals, and tribes and regional organizations at any point in the system development process

# Vision: Moving from Paper Submissions to an Integrated State Plan Submission and Tracking System



Source: [http://content.time.com/time/specials/packages/article/0,28804,1843821\\_1843820\\_1843808,00.html](http://content.time.com/time/specials/packages/article/0,28804,1843821_1843820_1843808,00.html), Everett.

Source: <http://giphy.com/gifs/the-jetsons-MWAJKQR2MJEEo>

# For more information

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