



Welcome!

**e-Manifest Requirements
Gathering Meeting
Introduction and Background**

March 21, 2013



Meeting Agenda and Logistics

- Agenda
- Handouts:
 - AS-IS and TO-BE Manifest Process Diagrams
 - Uniform Hazardous Waste Manifest
 - Requirements Discussion Slides
- Location of bathrooms

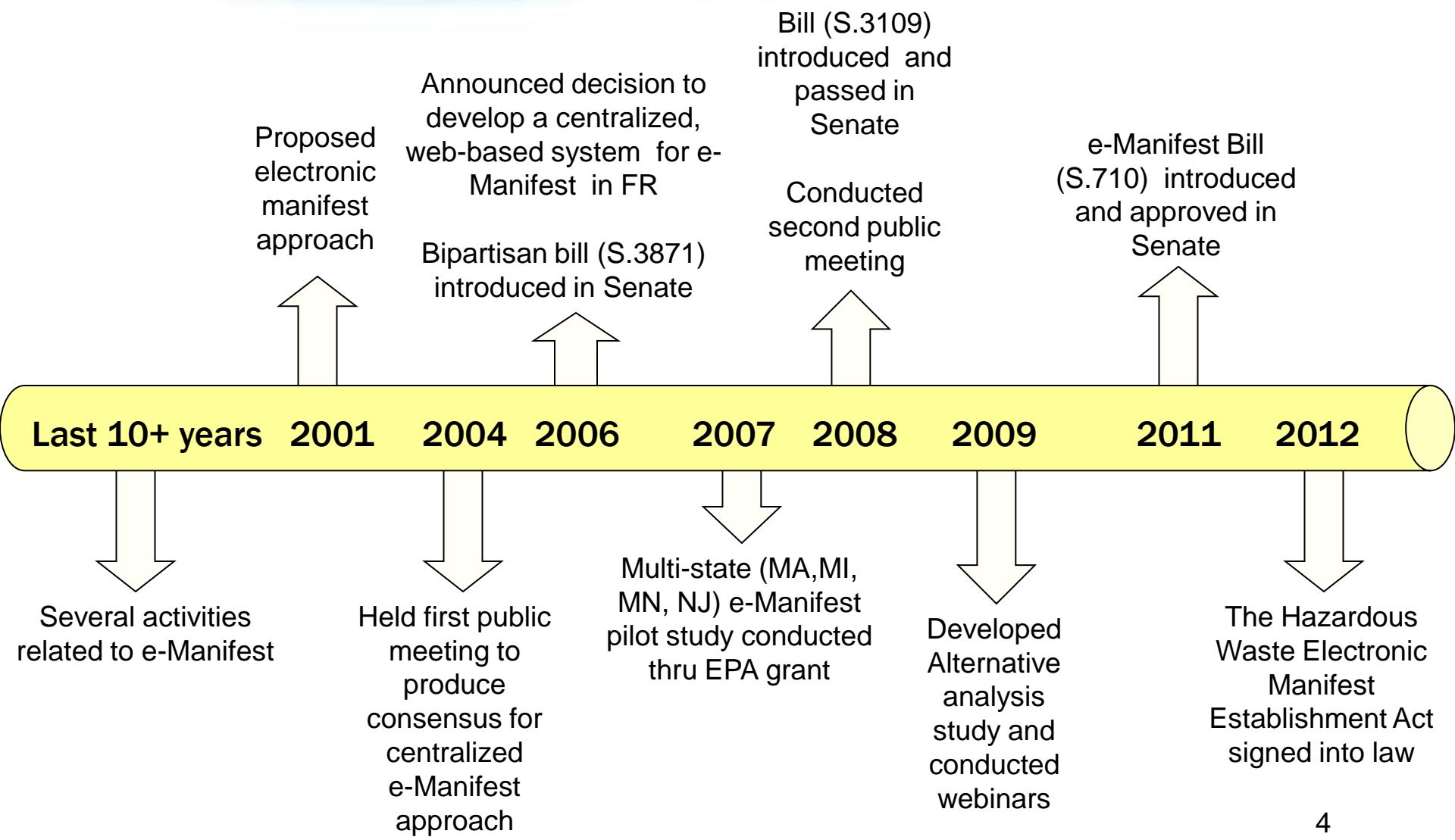


e-Manifest Background

- The current paper-based hazardous waste manifest system
 - Set of forms, reports, and procedures designed to seamlessly track hazardous waste shipments from “cradle-to-grave”
 - Records information on types, quantities, and routing of wastes
- Current paperwork burdens
 - 6-copy form must be completed, carried, signed, filed, and mailed to states
 - 146,000 waste handlers complete 2.2 – 5.1 million forms per year
 - Annual compliance costs of about \$455 million
- Economic analyses suggest a favorable Business Case:
 - Annual savings exceeding \$75 million (2009 study) for users
 - Annual burden reduction of 300,000 to 700,000 hours
- e-Manifest legislation was passed by Congress on Sept. 22nd and signed by the President on Oct. 5th



History of e-Manifest





Hazardous Waste Electronic Manifest Establishment Act

- Milestones for EPA Actions:
 - Establish e-Manifest IT system within 3 years of enactment
 - Issue regulation authorizing use of electronic manifests within 1 year
 - Establish System Advisory Board within 3 years to advise on performance, fees
- Scope provisions:
 - Extends to all federally- and state-regulated wastes requiring manifests
 - Extends to collection of data from electronic and paper manifests
 - Use of electronic manifests is optional for users



Hazardous Waste Electronic Manifest Establishment Act, Continued

- Fee and spending provisions:
 - Authorizes EPA to collect reasonable user fees for all system related costs
 - EPA can spend only for e-Manifest and only to extent of appropriations
- Oversight: Requires annual IG audit and biennial reports to Congress
- Consistency: EPA must establish uniform effective date in all states, and must implement e-Manifest until States are authorized



Today's Meeting Purpose

- Establish a common high-level understanding of e-Manifest
- Better understand user needs and expectations
- Capture and document input to inform the system requirements process



Session Overview

- We are truly in the planning phase – your input will influence the design of this system
- A great deal of planning work had been done in the past that can serve as a starting point for our discussions
- We want to capture all perspectives and have intentionally combined both industry and state representatives at these meetings
- It is in all of our interest that the system meets user needs – we want it to be used
- We have limited time to deploy the system and will need to prioritize on core requirements (phased approach to system development)



Session Overview - Continued

- This session will focus on ‘what’ the systems needs to do, not ‘how’ it will do it (requirements versus design)
- This is one of three face-to-face requirements sessions that are planned for the next few months
- Additional Webinars are also planned to supplement the face-to-face meetings
- Input received during these sessions will be synthesized and a baseline set of requirements established



Overall Planning Process

- **Gather Requirements** - Establish current requirements baseline for assessing viable alternatives based upon existing documentation and stakeholder input
- **Evaluate Potential Options** – Identify potential alternatives that might be available to EPA through interviewing stakeholders, marketplace research, and discussions with other agencies
- **Alternatives Analysis** - Analysis will include estimates of costs and benefits
- **Concept of Operations** - Describe the e-Manifest system's architecture and design approach and how data will flow through system