

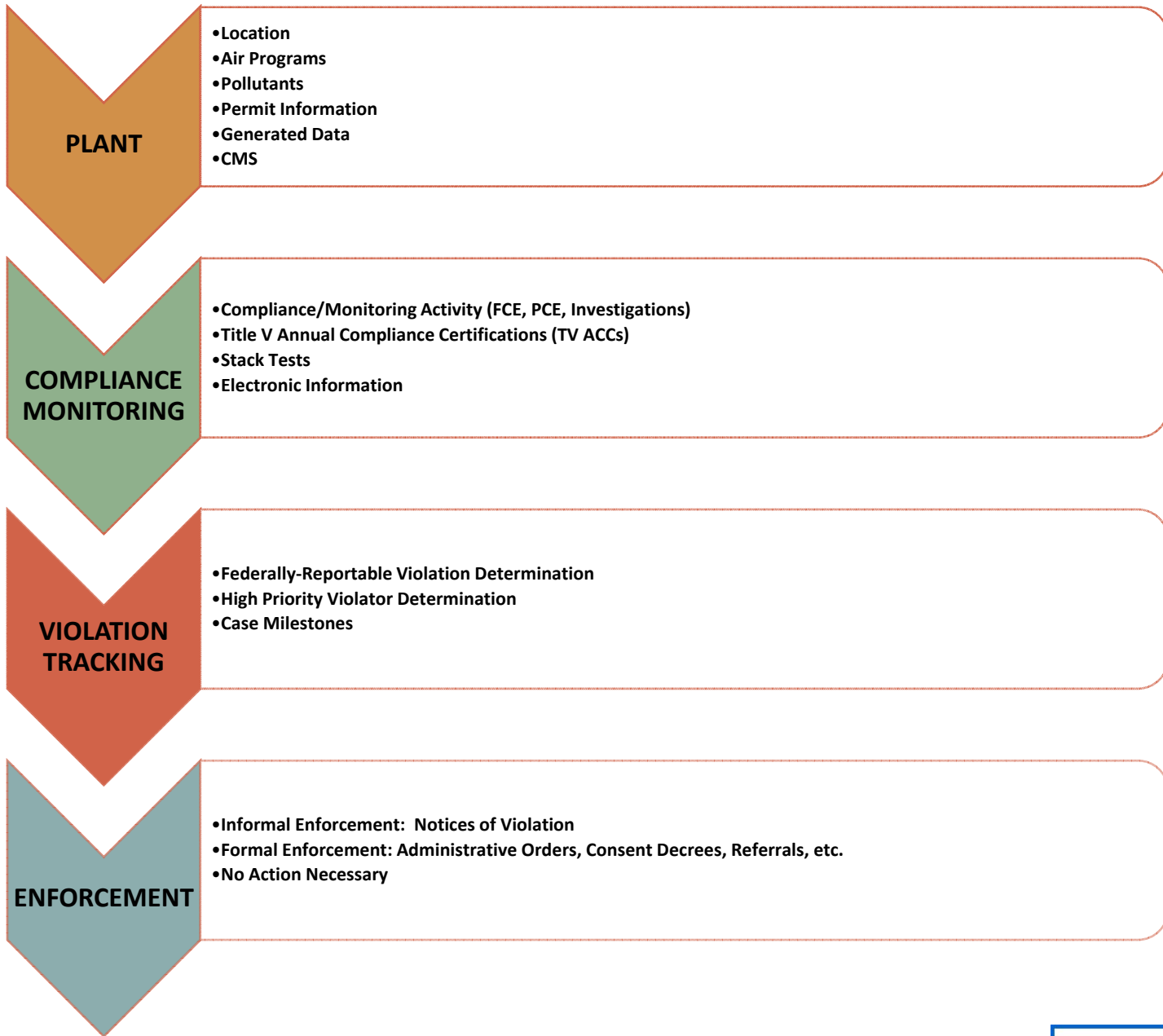


AFS MODERNIZATION: OVERVIEW OF PROPOSED SYSTEM STRUCTURE

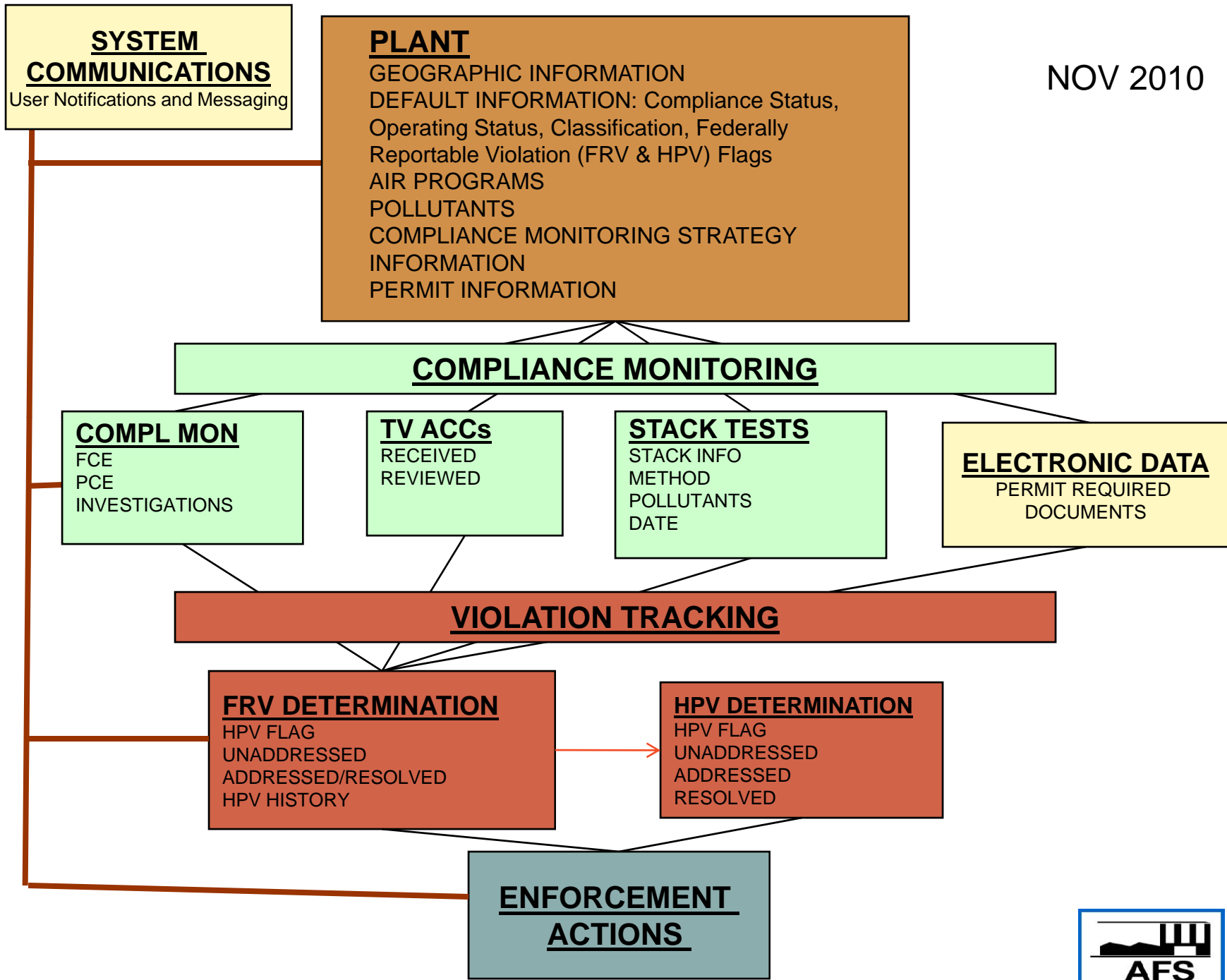
NATIONAL AFS WEBINAR

DECEMBER 2, 2010





NOV 2010



*MDR

Location

- State (PO Abbreviation & FIP)*
- County (PO Abbreviation & FIP)*
- City*
- Zip Code*
- Plant Name*
- Address*
- Gov Facility Definition*
- State Registration Number
- Local Control Region*
- Tribal Designation*
- LAT/LONG (Generated)
- National Initiatives
- Name Change History
- Source Web Site
- Plant Mailing Address
- Contact Information

- Comments
- NAICS (and SICs)*
- Owner Names and Addresses
- Monitor Data Indicator
- Portable Source Indicator*
- User Defined Fields ?

Air Programs

- Applicable Air Programs*
- Operating Status*
- AP Start Date
- AP Shutdown Date*
- Subparts*
- Subpart Operating Status (Generated)
- Subpart Start Date
- Subpart Shutdown*
- Comments
- User Defined Fields?
- Default AP Compliance Status Fields ?

Pollutants

- Pollutant Code *
- Chemical Abstract Service Number*
- Applicable Air Programs
- Attainment Area Indicators (From OAR)
 - Pollutant
 - Designation
- Owner Names and Addresses
- Potential To Emit
 - Default Value
 - EPA Value
 - State Value*
- LINKAGE TO NEI DATA
- User Defined Fields ?

NOTE: Title V Permit Data is still optional reporting.

Permit Data

- Permit ID*
- Permit Category*
- Effective Date*
- Modification ID
- Modification/Renewal Effective Date
- Expiration Date*
- Permit URL
- Permit Authority
- Permit Authority Staff
- TV ACC Cycle*
- TV ACC Due Date-Year 1*
- TV ACC Due Date-Year 2*
- TV ACC Due Date-Year 3*
- TV ACC Due Date-Year 4*
- TV ACC Due Date-Year 5*
- User Defined Due Date

- Option Permit Events
 - Permit ID*
 - Permit Event*
 - Date Scheduled
 - Date Achieved*
 - Results
 - Permit Authority Staff Name
 - Comments
- User Defined Fields

*Required, if any permit data is Populated.



Generated Data

- FRS Number
- Date Plant Last Updated
- Date of last CM Activity
- Date Added to CMS Plan
- Current HPV Flag
- Historic HPV Activity
- Current FRV Flag
- Historic FRV Activity
- Classification for EPA and Agency
- Operating Status
- Attainment Area Indicators (From OAR)
 - Pollutant
 - Designation
- National Initiatives
- Historic National Initiatives



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Compliance
Monitoring Strategy

- CMS Category*
- CMS Category Description
- CMS Frequency*
- CMS Frequency Description
- Historic CMS Category for 5 CMS Cycles
- Historic CMS Frequency for 5 CMS Cycles
- Default Latest FCE Date
- Default Latest FCE Action
- Date of Last EPA Evaluation
- Type of EPA Evaluation
- Date of Last Agency Evaluation
- Type of Agency Evaluation

- CMS Start Date
- Fiscal Year of FCE A
- On Site Visit Indicator A
- Fiscal Year of FCE B
- On Site Visit Indicator B
- Fiscal Year of FCE C
- On Site Visit Indicator C
- Fiscal Year of FCE D
- On Site Visit Indicator D
- Fiscal Year of FCE E
- On Site Visit Indicator E
- Comments
- User Defined Fields ?



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Compliance Monitoring (CM) Activity-FCEs, PCEs, Investigations

- Lead: EPA or Agency*
- Air Programs*
- Action Description*
- Date Scheduled
- Date Achieved*
- Results
- Staff Code and Name
- Document URL
- Pollutants
- National Initiatives
- Violation*
- Violation Identifier*
- Comments
- User Defined Fields?

Title V ACCs

- Lead: EPA or Agency*
- Air Program is always V
- Permit Number*
- Date Range of Permit
- For Each Year of Permit:
 - Period of Review
 - Deviations Reported
 - # of Deviations
 - Results of Review*
 - Due Date (Generated)
 - Received Date*
 - Review Date Scheduled
 - Review Date Achieved*
 - Violation*
 - Violation Identifier*
 - Document URL
- National Initiatives
- Comments

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Stack Tests

- Lead: EPA or Agency*
- Air Programs*
- Action Description*
- Date Scheduled
- Date Achieved*
- Results*
- Staff Code and Name
- Document URL
- Pollutants*
- National Initiatives
- Comments
- Method
- Stack Information
- Violation Identifier*
- User Defined Fields?

Question for discussion:
Are all stack test failures
automatically considered
an FRV?

WILL THIS DATA BE
PROVIDED BY THE
ELECTRONIC REPORTING
TOOL?



Federally-Reportable

- Violation indicated from CM
- Violation Identifier*
- Violation Definition*
- Violating Pollutants*
- State/Local Regulations
- Violation Tracking Date-generated by CM date
- FRV Addressing Date-generated from Enforcement actions
- FRV Resolution Date-generated from Enforcement actions
- Milestone Statistics
 - Days to Address
 - Days to Resolve
 - Unaddressed Days
 - Final Penalty
 - etc.

High Priority Violation

- Violation Identifier*
- Violation Definition*-can be generated from FRV info
- Violating Pollutants*-can be generated from FRV info
- HPV Discovery Date*-can be generated from FRV info
- HPV Day Zero* (can be generated from FRV Violation Tracking Date)
- HPV Addressing Date-generated from Enforcement actions
- HPV Resolution Date-generated from Enforcement actions
- Milestone Statistics

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Enforcement Actions

- Lead: EPA or Agency*
- Action Description*
- Date Scheduled
- Date Achieved*
- Results
- Penalty-Draft
- Penalty-Assessed*
- Penalty-Stipulated
- Penalty-Final*
- Penalty-Collected
- Environmental Projects
- Staff Name
- Document URL
- Pollutants
- National Initiatives
- Injunctive Relief
- CAP reduced thru Enf
- HAP reduced thru Enf
- Violation Identifier*
- Comments



System Communication

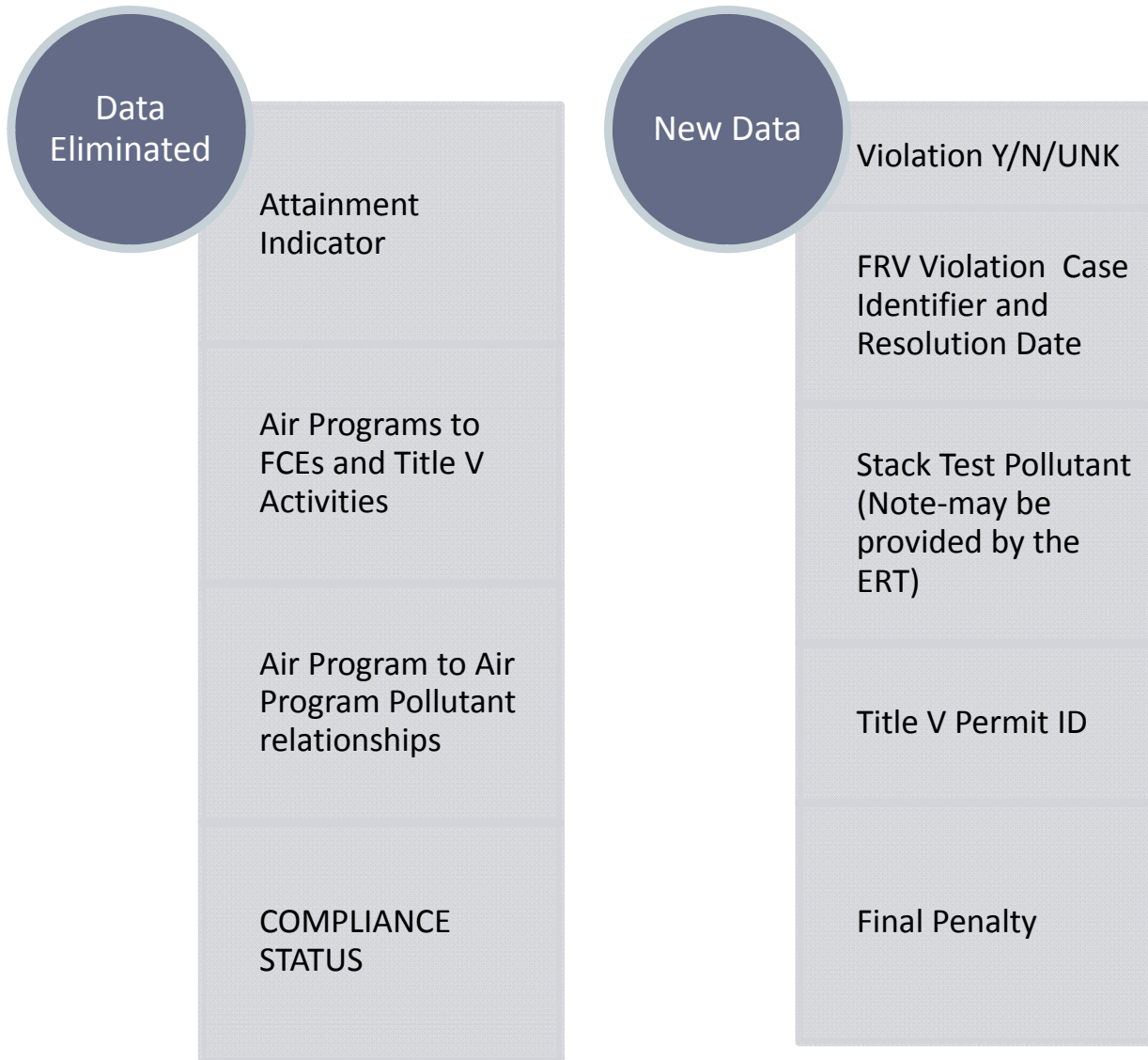
- New Roles for users
- Notifications to users generated for:
 - System Downtime
 - Important Dates
 - Expiration of User ID
 - Missing/Incorrect Data

Electronic Information

- Permit Required Reports (Note: Will require statutory changes for submittal)
- Permits
- Compliance Monitoring Reports
- Enforcement Actions
- Forms submitted to EPA electronically with the correct metadata indicators will negate data entry into AFS.



SYNOPSIS OF CHANGES TO MINIMUM DATA REQUIREMENTS (MDRs)



QUESTIONS PERTAINING TO THESE SLIDES CAN BE ANSWERED BY BETSY METCALF, (202) 564-5962 OR EMAIL metcalf.betsy@epa.gov

