

A Team Approach to Data Analysis

Breaking Down Stovepipes
&
Working Together

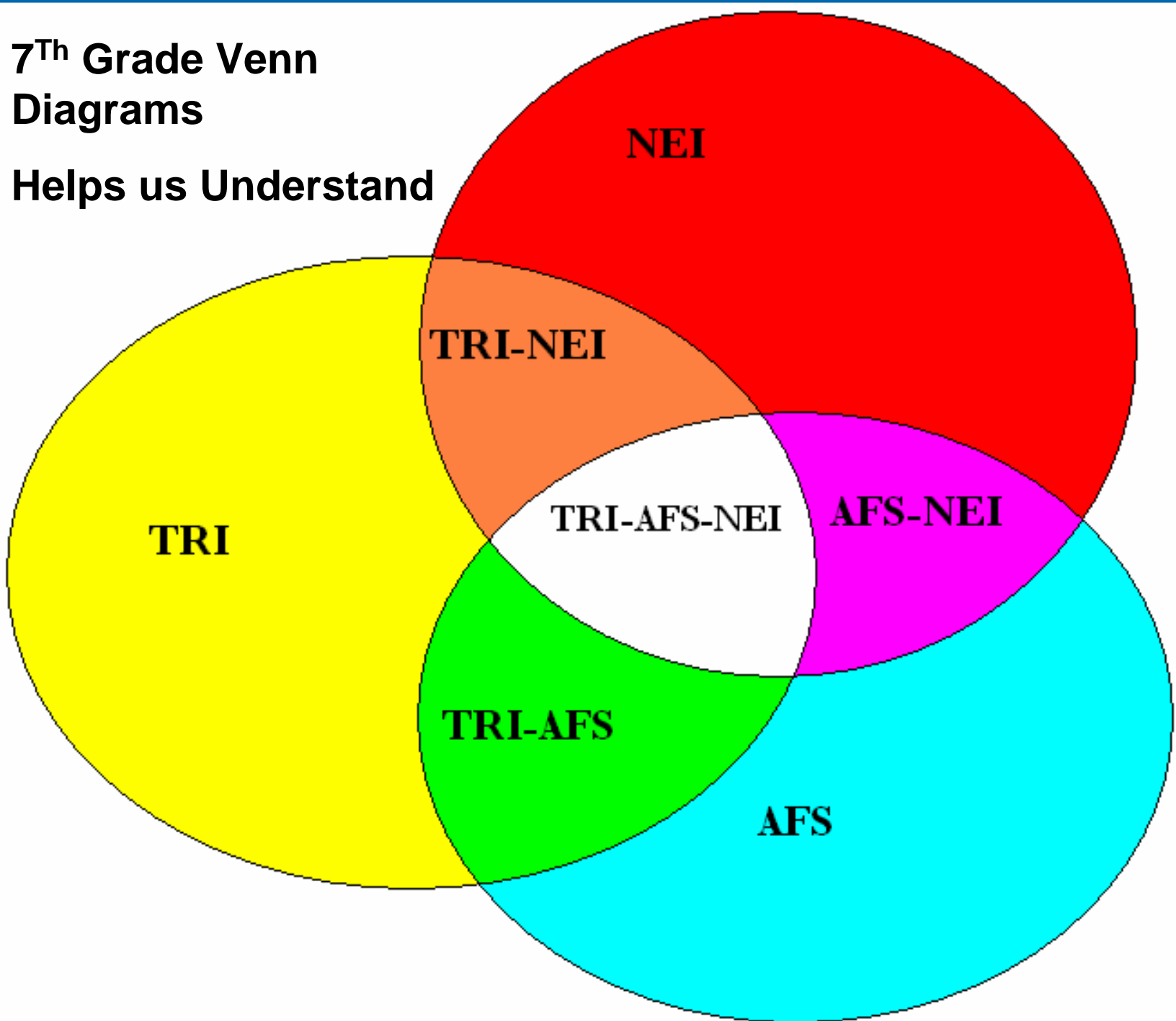
Facility Registry System

- Integrating Database that identifies all Permits/Reports for a “Facility”
- Links Key Identifiers (Name, Ids, SIC, POC, etc.)
- Improves Values, and Completeness (fills in data gaps, corrects bad values)
- Used for Program Support
- Improves Knowledge of “Place” Universes



7th Grade Venn Diagrams

Helps us Understand



Integration but with Differences

- FRS provides Coarse Filters within Media areas
 - Which Facilities have a Major AFS permit and have reported to the TRI Program
 - **Matches on Name and Location**
 - **Creates a Comprehensive Listing of SIC, NAICS, Interest Types, Names and POC**
 - **Locates a “Place” for Mapping and Access**
- But FRS does NOT store the chemicals
 - So Investigation with the Legacy Systems is still necessary
 - FRS can filter down from 1000's to hundreds or fewer

The Gain For Agency Users of FRS

- Improves Overall Data Quality
 - Environmental Interest Designation (i.e. LQG, Major, Non-major, etc.)
 - Program Linkages for the same Facility that has different Names
 - Improves Authoritative Record by Eliminating Duplicates
- Requires Hands on investigation
- Project Looks for Facilities of Interest for Non, Under and Over-Reporting



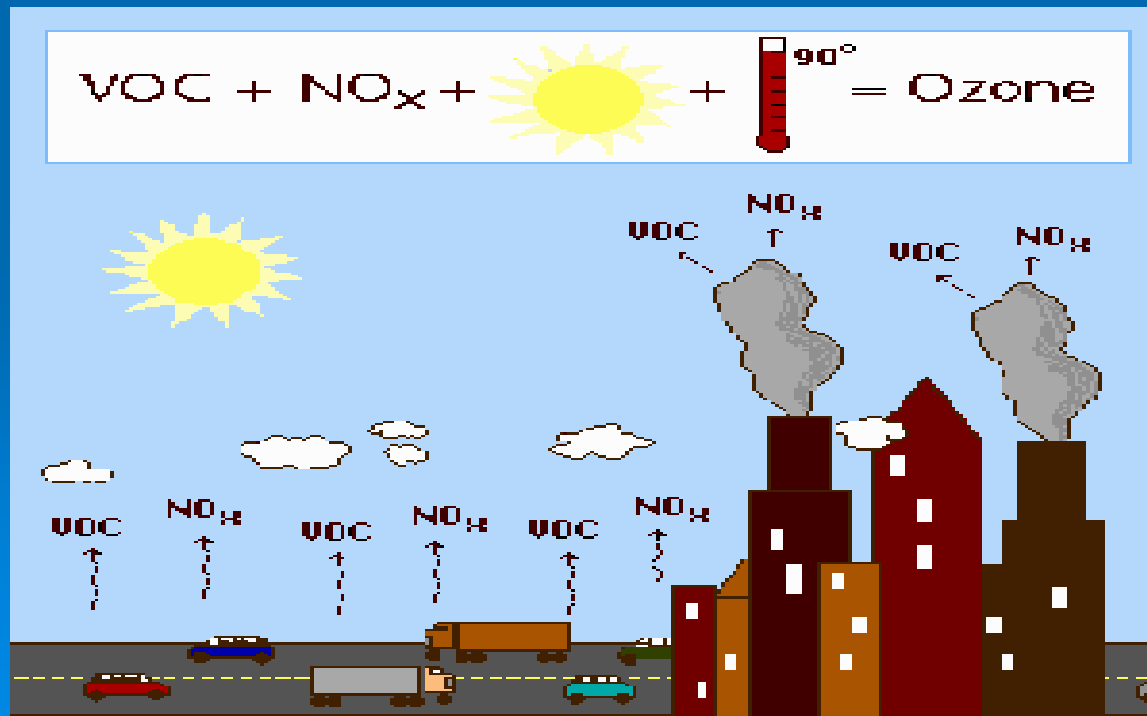
Hands on FRS

- Data Steward Involvement at HQ and the Regions
 - Keeps Eyes on the Data
 - Continuous Improvement
- Increases Data Sharing with the States
 - Improves the Understanding of key Universe Data Sets in the Programs
- Project Ensures Facility's have Proper Designation under Title V and other Regulatory Programs



Project Poses Challenges to FRS

- National Databases Collect at Different Time Periods, often years apart!
- False Positive Candidates must be Documented
- Regulatory Data Has Legal Standing but Might be Wrong and Needs Correction Somehow



FRS Serves Many Customers

- Performs as an Integrator for the Agency
 - In Applications
 - In Analysis
 - In Other Databases

Serving Various Interests

Creates Unique

Challenges!

(Sharing, refreshes, data changes)



Our Message

- We're working to Provide States/Regions/Tribes with Thoughtful Approaches in using Data for Targeting
- Not Limited to Federal Gov.
 - Create your own Cross Media/Program Teams (for your own Project!)
 - Share Data!
 - Help Clean up bad data
 - Help Create Working Relationships for better Understanding of Current Data

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