



**EPA Office of Compliance
Enforcement Targeting and Data Division**

AFS National Workshop

San Francisco, CA

August 7-9, 2007

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AFS: The Year in Review

**AFS 2007, August 7-9, 2007
San Francisco, CA
Betsy Metcalf**



Acronyms used in this presentation:

- CMS: Compliance Monitoring Strategy
- CMSC: CMS Category Acronym
- CMSI: CMS Frequency Acronym
- HPV: High Priority Violator
- ICR: Information Collection Request
- LCON: Local Control Region
- NSPS: New Source Performance Standards
- OECA: Office of Enforcement and Compliance Assurance

Acronyms used in this presentation:

- OEI: Office of Environmental Information
- PCE: Partial Compliance Evaluation
- PT: Particulates, an AFS pollutant code
- UI: Universal Interface, EPA software used as an interface between an agency's system and AFS
- VOC: Volatile Organic Compounds, an AFS pollutant code
- XML: Extensible Markup Language

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Acronym

Meaning

	xxxxxx	AFS	Andrew File System
	xxxxxx	AFS	American Field Service
	xxxxxx	AFS	Available For Sale (securities)
	xxxxxx	AFS	American Fisheries Society
	xxxxxx	AFS	American Foundry Society
	xxxxxx	AFS	American Fertility Society (now American Society for Reproductive Me
	xxxxxx	AFS	Atomic Fluorescence Spectroscopy
	xxxxxx	AFS	AIRS (Atmospheric Information Retrieval System) Facility Subsystem
	xxxxxx	AFS	American Fisheries Society
	xxxxxx	AFS	Adaptive Front-Lighting System (car safety feature)
	xxxxxx	AFS	American Foundry Society
	xxxxxx	AFS	Air Force Station

See, we made it!

Working Hard....



- Quite a few enhancements were applied to AFS during the time since our last workshop...19!
- Some enhancements fixed a “bug”, others provided more functionality to the system. Here’s a quick summary:

HPV Enhancements:

- New Validation in HPV pathways: An addressing action is required before resolving action can be added.
- HPV Discovery Date is generated from the oldest action if multiples exist in the pathway.
- Days Used to Address is generated as “1” when the addressing date is the same as the Day Zero.

HPV Enhancements:

- Added the LCON field as selection to the 653 report.
- The 653 and 659 HPV Reports select the oldest addressing and resolving actions when multiples are present.
- Increased the number of times an action can be linked to 10.
- Corrected addressing information for several action types that both resolve and address.

HPV Enhancements:

- Print the penalty amount from the oldest addressing action in the 659 report.
- Fixed a bug regarding the linkage of obsolete action types into an HPV pathway.



What other enhancements to HPV records would you like?



Improvement to Help Features

- When updating action, the Help Feature no longer provides shutdown air programs as a valid choice.
- Provided new screen help for National Action types.

General Improvements

- Increased compliance history tracking to 36 months and 12 quarters.
- Blocked the use of obsolete class codes (A1, A2).
- Added the CMSC and CMSI to the Plant Summary browse screen.

New Reports!

- 658-Pending Results Stack Tests Report
- 655-CMS Summary Report

Be sure to check out how to use the new reports in my class offered on Thursday—AFS Ad Hoc and Fixed Format Reports.



New Training Movies!



- We are introducing a new set of training films aimed at providing instruction for new users. As our training budgets decline each year, these films will provide instruction on data entry and program requirements:
 - Host on Demand
 - AFS 101
 - Reports
 - HPV Reporting
 - CMS Reporting

New CMS Category Codes have been added:

- **E** EPA Authority/Oversight for Tribal Lands at Major Sources
- **G** EPA Authority/Oversight for Tribal Lands at Mega Sources
- **N** EPA Authority/Oversight for Tribal Lands at 80% Synthetic Minor Sources
- **Z** EPA Authority/Oversight for Tribal Lands at all Other Sources.
- These codes should assist with jurisdiction problems identified in State Review Framework reviews.

A new Fixed Report is in the works:

- A new report to assist with improving the accuracy of CMS Category Codes will be added to AFS. This report will help identify:
 - Major Sources with a CMSC
 - Major Sources with a CMSC of “S”
 - Minor Sources with a CMSC of “S” or “A”.

Updates to the AFS Business Rules-Version 3.0

- Corrects “Receipt of Stack Test Report” action type as a Discovery Date action versus a PCE.
- Addition of Section 15, Dropped HPV Cases
 - Dropped cases in compliance, use 2K/7G-- Source Returned to Compliance by State/EPA
 - Dropped cases in violation, use C7-Closeout Memo Issued

New CAA Extended Management Reports!



- PCEs
- HPVs
- CMS Reports

BETA (test) reports have been loaded on the website. Check them out at:

http://63.160.3.204/otis/mgmt_reports_ecaa.html

AFS Training:



- Region 3: April
- Region 6: May
- Region 1: June
- Region 4: September
- Region 7: September
- Region 2: October

At this time, no training has been scheduled for FY2008. Contact me if you would like a formal training class in your Region or State.

Ongoing Efforts



- Modernization Workgroup
- Enforcement Action Clarification Workgroup
- AFS Business Case
- Renewal of the AFS ICR
- Universal Interface work
- TRI/NEI/AFS Data Quality

AFS Grant Opportunities:

- **CURRENTLY OPEN:** OECA grants for feasibility studies concerning use of the Universal Interface. Accepting grant proposals through August 23, 2007.

<http://www.epa.gov/compliance/state/grants/stag/index.html>

- OEI Exchange Network Grants: The FY2008 Draft Announcement is available at:

<http://www.epa.gov/exchangenetwork/grants/FY08%20Stakeholder%20Draft.pdf>

Our future.....



- AFS Business Case Continues
- AFS ICR Renewal
- AFS Closeness of Fit will follow
- AFS Design
- XML format for AFS reporting using the UI
- DATA QUALITY
- STANDARDIZATION AND CONSISTENCY



..but we're not there yet.

One Priority for 2008 is Glass Manufacturing Plants.....

- Glass manufacturing plants are covered under SIC codes 3211, 3221, and 3296.
- Pollutants for this industry are Particulate, Sulfur Dioxide, Nitrogen Oxides, VOC, Carbon Monoxide and Lead (EPA Emissions Factors and the Mineral Products Industry).

Glass Manufacturing Plants:



- These sources are subject to the New Source Performance Standards (NSPS) Subpart CC, Glass Manufacturing Plants.
- The Enforcement Program is studying a list of 119 plants identified through various databases as the top manufacturers in the United States—all considered major sources.

Glass Manufacturing Plants in AFS:

- AFS shows 183 glass manufacturing plants, 129 are Major.
- Only 80 of the 183, or 43%, have the NSPS air program code.
- Only 26 of the 183, or 14%, have the NSPS CC subpart entered.

Glass Manufacturing Plants in AFS:

- I couldn't find 20 of the sources on the Enforcement list in AFS.
- PT is the prominent pollutant reported on these sources, but only 17 across the nation are reporting emissions of Lead.

Another Priority--Self Disclosures

- ICIS is tracking these.
- Who tracks violations that are Self-Disclosed?
- Should we add an optional action type or code to capture this? Feedback, please.

Consistency is the key....

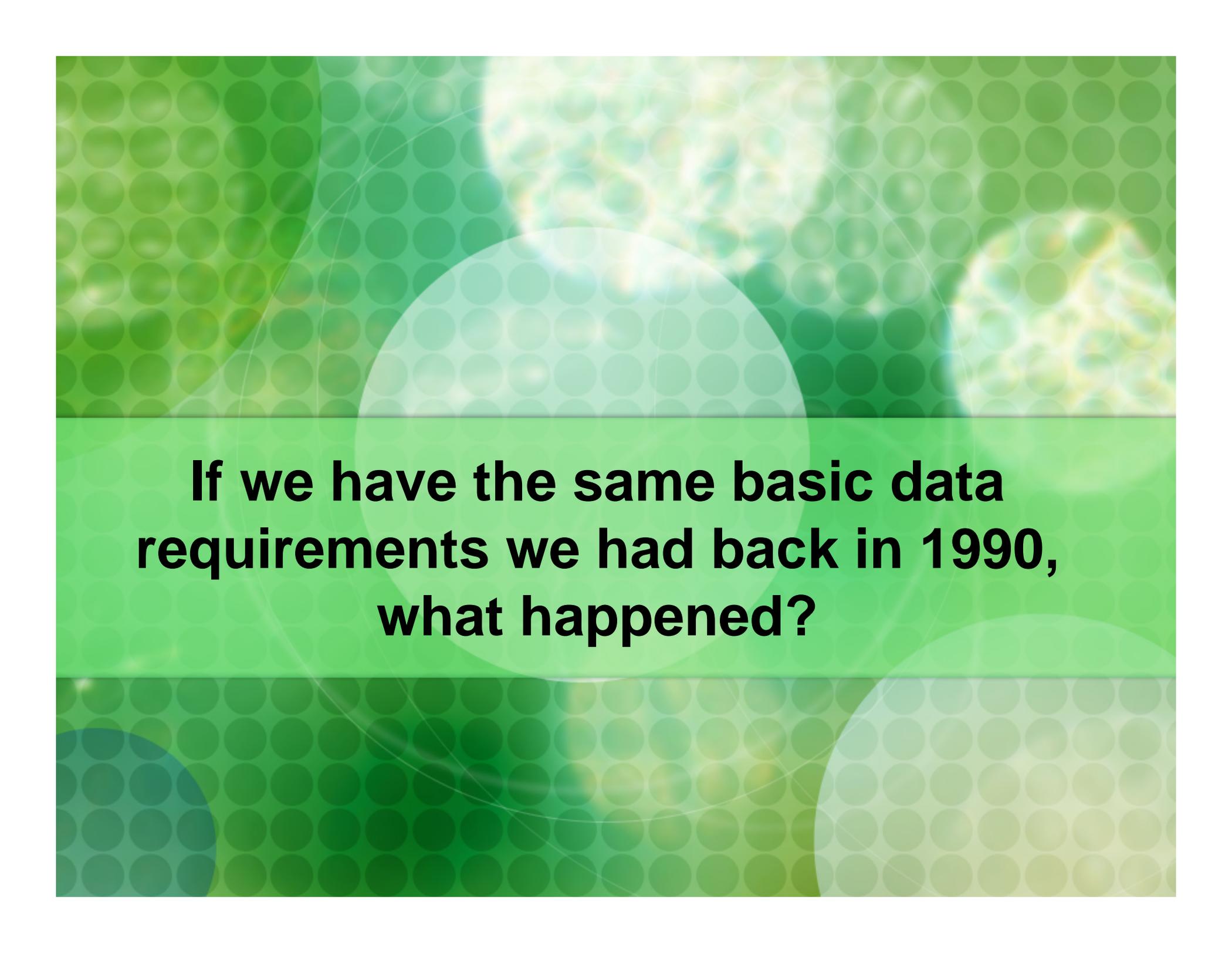
- Compliance Status
- Enforcement Definitions



We seem to have different priorities....

- Air Programs and Pollutants
- Compliance Status
- Formal Enforcement Actions





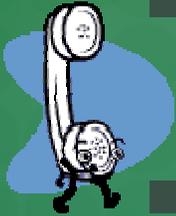
If we have the same basic data requirements we had back in 1990, what happened?

Communication is another key!



■ Quarterly Updates:

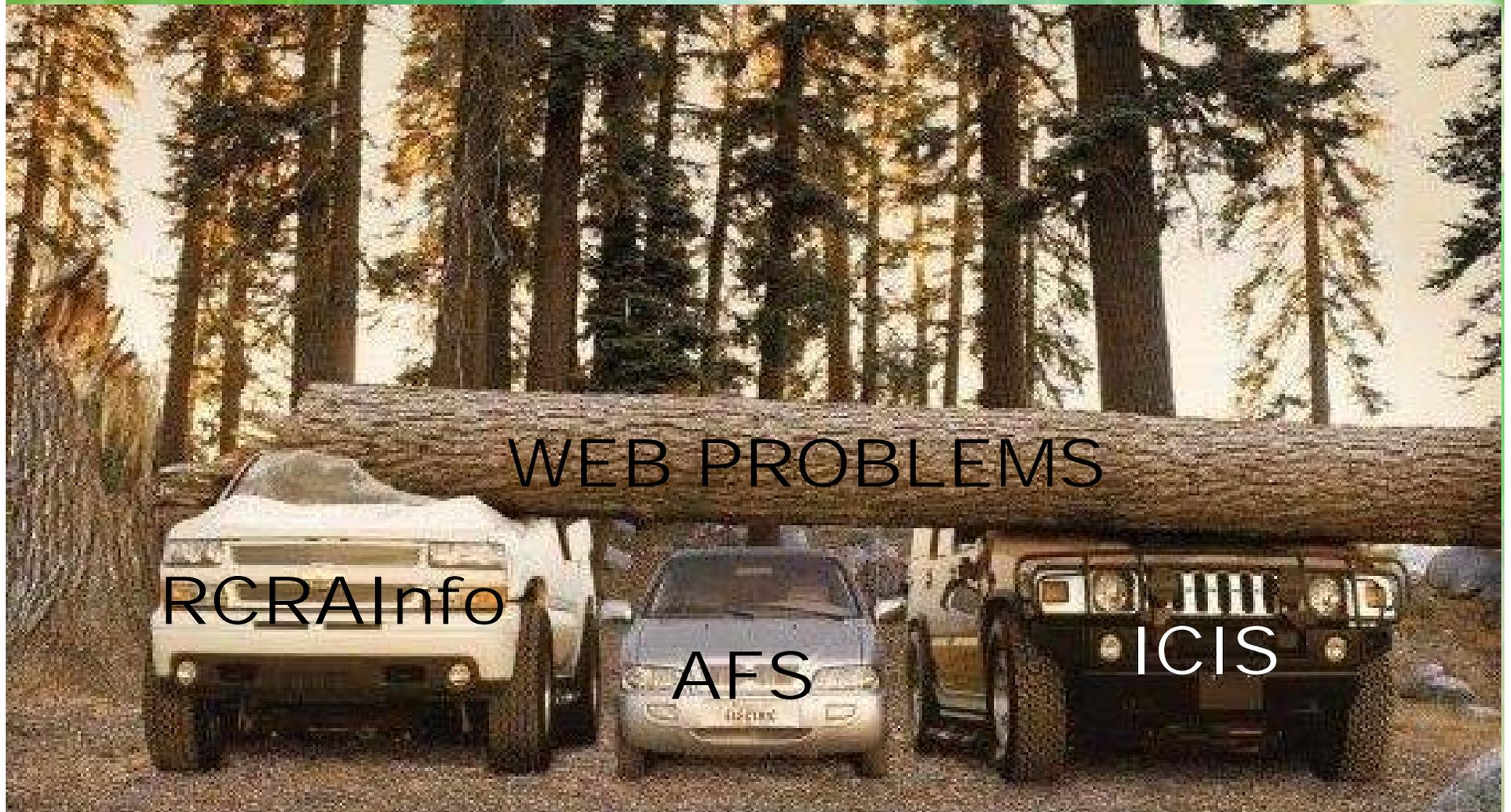
- National Updates loaded on the AFS Webpage?
- Conference or even Web calls with Regional agencies?
- State Review Framework calls?



■ More Training?

- Distribution of training films to all new users, and anyone that would like them!
- Annual Regional Meetings?

Sometimes its not so bad on the mainframe...



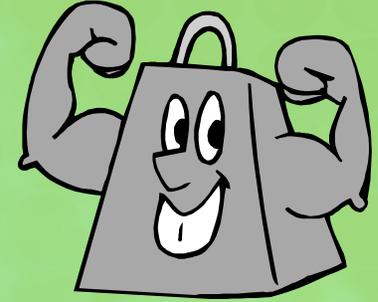
RCRAInfo

WEB PROBLEMS

AFS

ICIS

Herculean Efforts.....



- Our application is obsolete in today's web world.
- Our modernization effort has been under-funded due to other priorities.
- Our Regional, State and Local Agency partners keep our system going day, many times under-staffed and under-funded.

WE KNOW HOW HARD YOU WORK!

- Just Remember the following:

Your data is used every day at the National level of the agency.



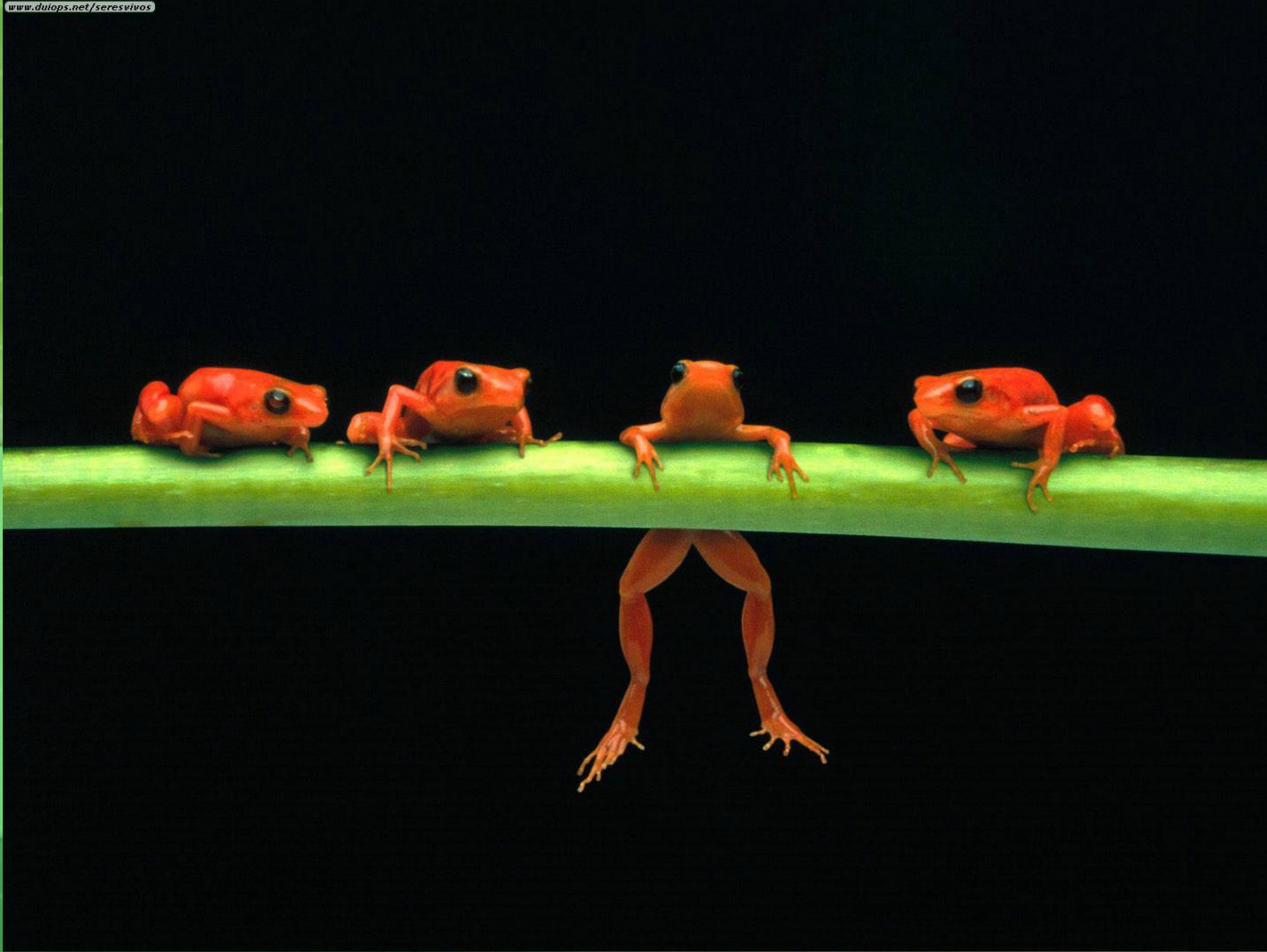
Your data is viewed every day by members of the public.



Your data is reviewed every year by members of Congress.



www.duiops.net/seresvivos



Hang in there, your work is appreciated!



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