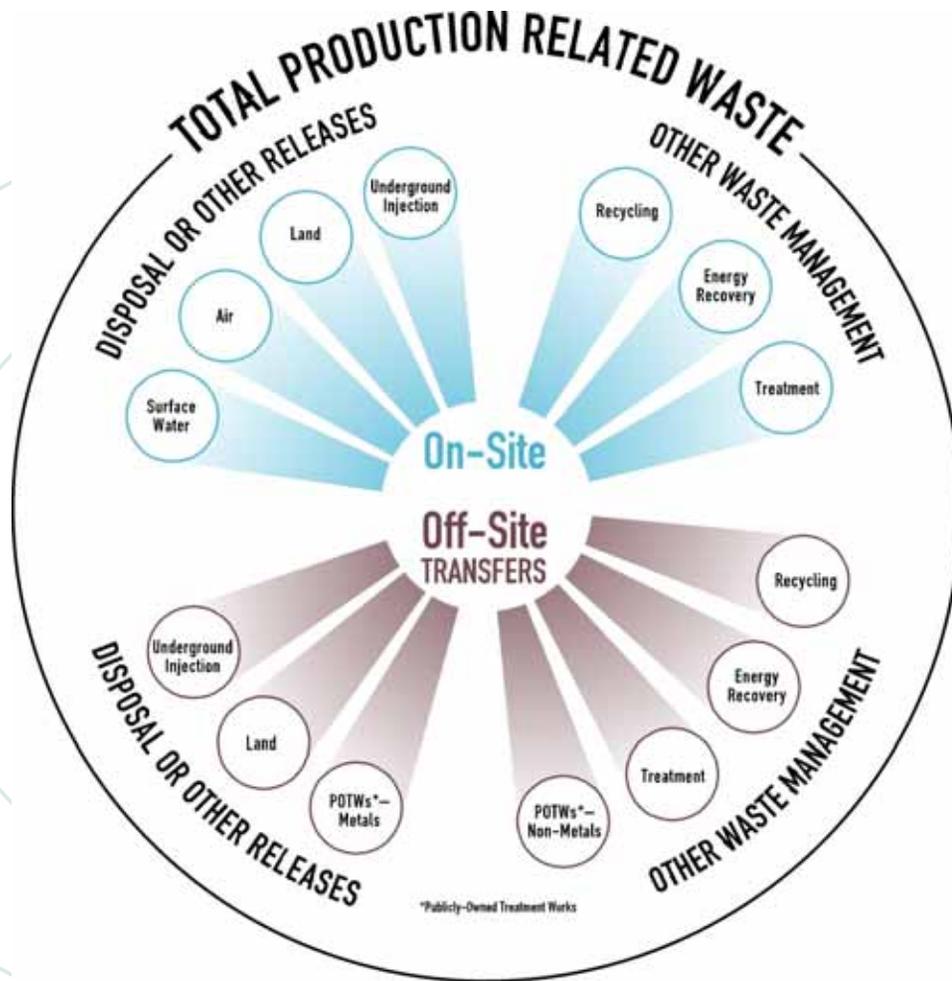




# Toxics Release Inventory



# Toxics Release Inventory



# WHO MUST REPORT?



- **Facilities in covered primary Standard Industrial Classification (SIC) code(s) and federal facilities; and**
- **With 10 or more employees; and**
- **Chemical-by-Chemical Determination**
  - **That exceed “manufacture”, and/or “process”, and/or “otherwise use” thresholds for covered chemicals.**

# Covered SIC codes



- ◆ **Manufacturing since 1988**
- ◆ **In 1998, added:**
  - **Metal and coal mining**
  - **Coal and oil fired electric generators**
  - **Hazardous waste treatment and disposal**
  - **Petroleum bulk terminals**
  - **Solvent recovery facilities**
  - **Chemical wholesalers**

# Coverage and Scope

- ◆ **Current list contains about 650 individual chemicals and chemical categories**
  - **Most of the rest reported since 1995**
  - **Established Persistent, Bioaccumulative & Toxic (PBT) category in year 2000 reports—lowering thresholds**
  - **Lead reported as PBT starting in 2001**
- ◆ **In the most current year, processed approximately 90,000 forms from 23,000 facilities**

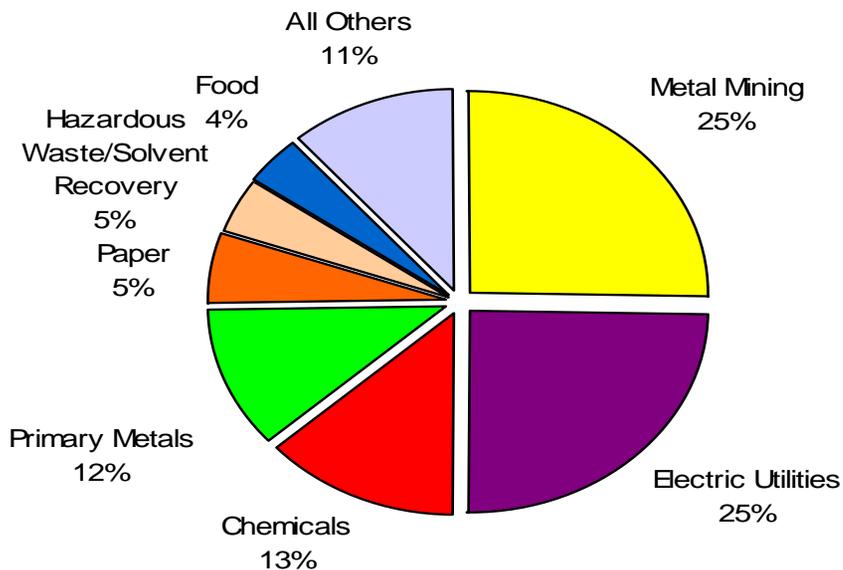
# The Information Cycle

- ◆ **July 1: Reporting deadline for preceding year**
- ◆ **September: Electronic facility data release – facility reporting forms made publicly available as pdf's to public**
- ◆ **March/April of following year: Public Data Release – Key findings plus analyzed, searchable data (Spring 2007 for 2005 data)**



# TRI Total Disposal or Other Releases, 2004

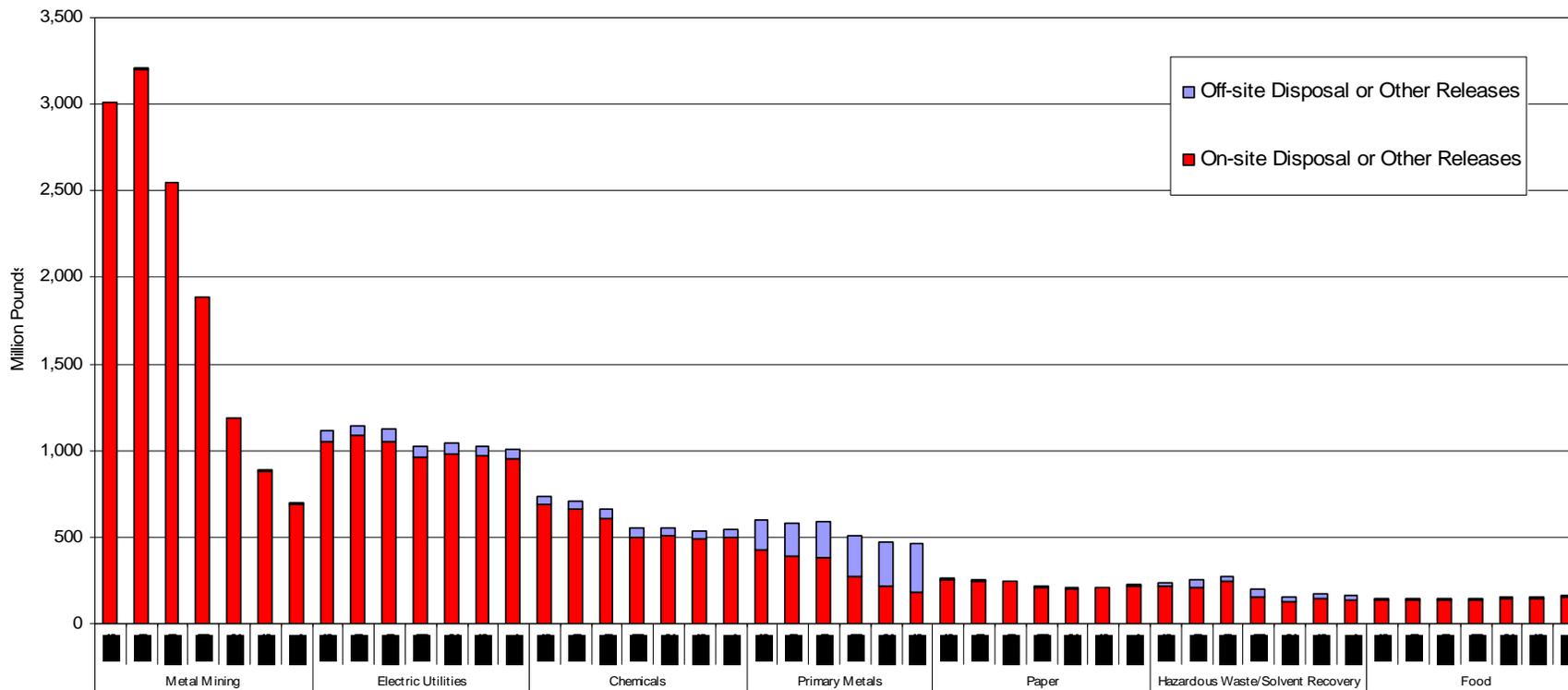
2004 TRI Total Disposal or Other Releases  
4.24 billion pounds



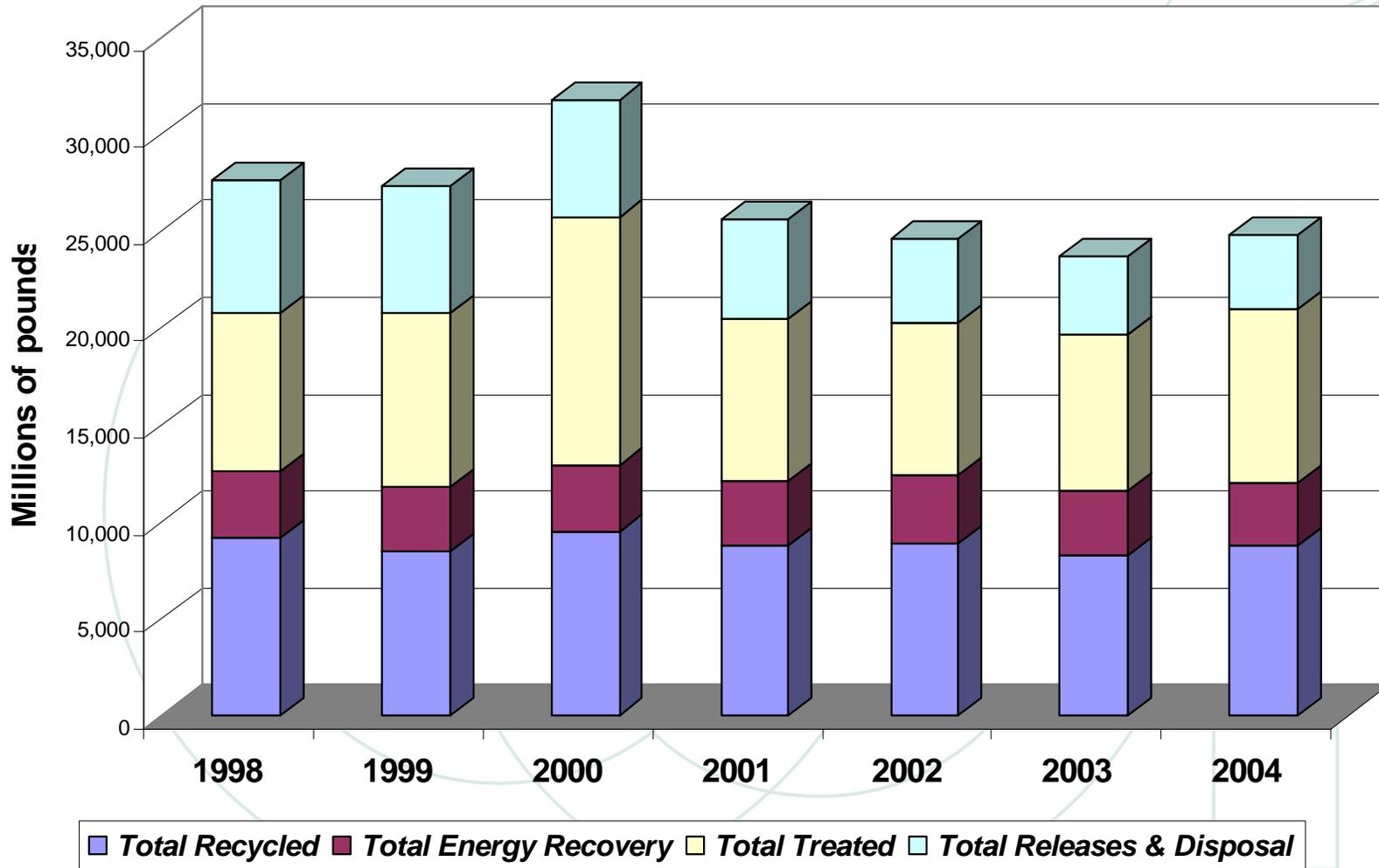
Note: This information does not indicate whether (or to what degree) the public has been exposed to toxic chemicals. Therefore, no conclusions on the potential risks can be made based solely on this information (including any ranking information). For more detailed information on this subject refer to The Toxics Release Inventory (TRI) and Factors to Consider When Using TRI Data document at [www.epa.gov/tri/tridata/index.htm#pdr](http://www.epa.gov/tri/tridata/index.htm#pdr). Data are from TRI Form R, Section 5 (all parts) and Section 6.1 (metals and metal compounds only) and Section 6.2 (disposal codes only and metals and metal compounds reported under codes M40 and M61). Does not include off-site disposal or other releases transferred to other TRI facilities that reported the amount as on-site disposal or other releases. Data as of March 2006.

# TRI Total Disposal or Other Releases, 1998-2004

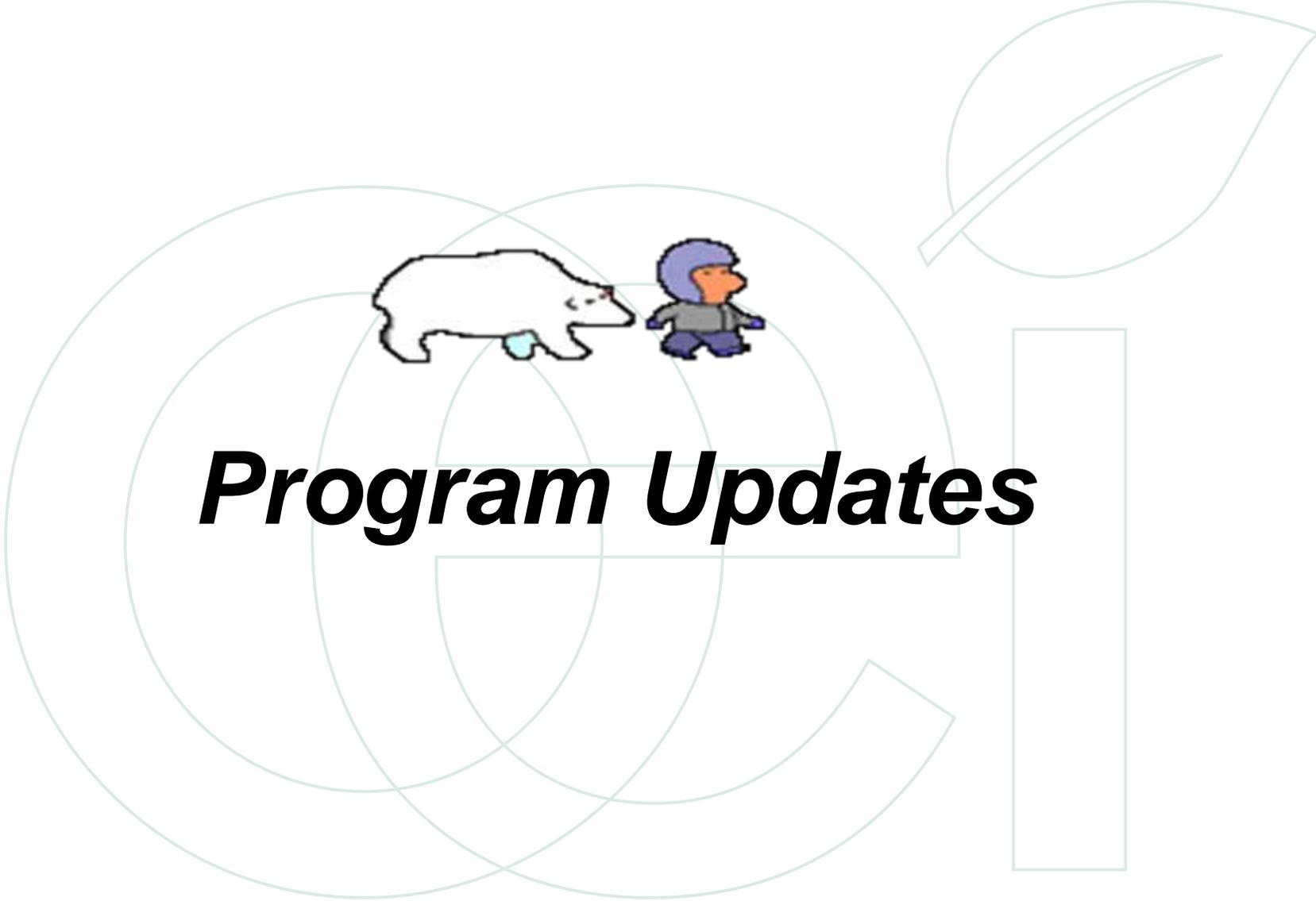
## *Industries with Largest Disposal or Other Releases*



## Total Production Related Waste



Based on Form Section 8 data



# ***Program Updates***

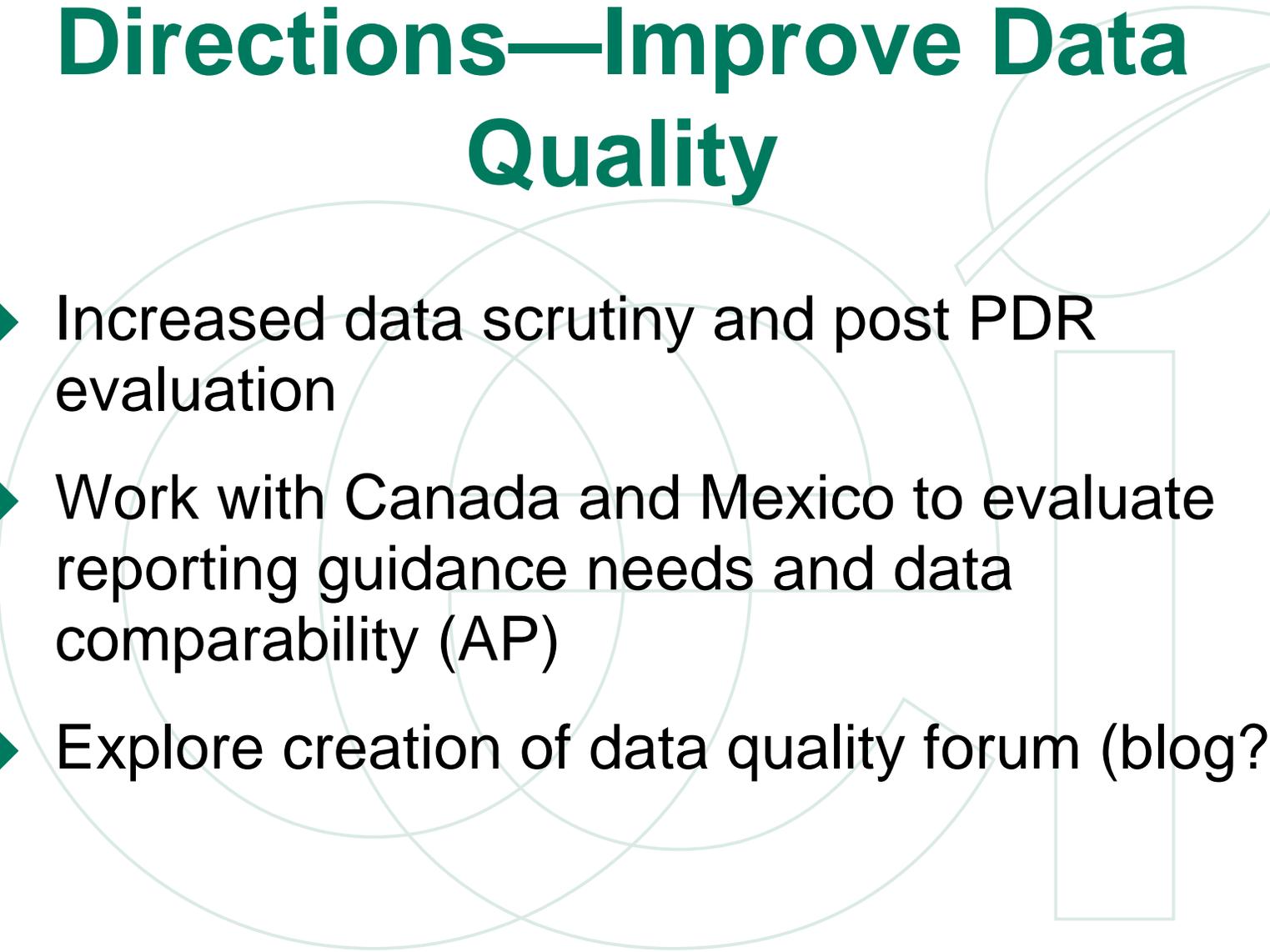
# Regulatory changes responsive to Action Plan (AP)

- ◆ Change to NAICS promulgated (AP)
- ◆ TEQ reporting is close (AP)
- ◆ Forms modification rule implemented [will move us closer to standardizing name and location data (AP) ]
- ◆ Closer to completion of metals framework (AP)

# Directions—Speed Up Data Release

- ◆ This year's eFDR occurred in September
- ◆ Hopeful that PDR will occur in March
- ◆ Web based TRI ME available in 2007
- ◆ Agreements in place for over a dozen States for automated data exchange

# Directions—Improve Data Quality

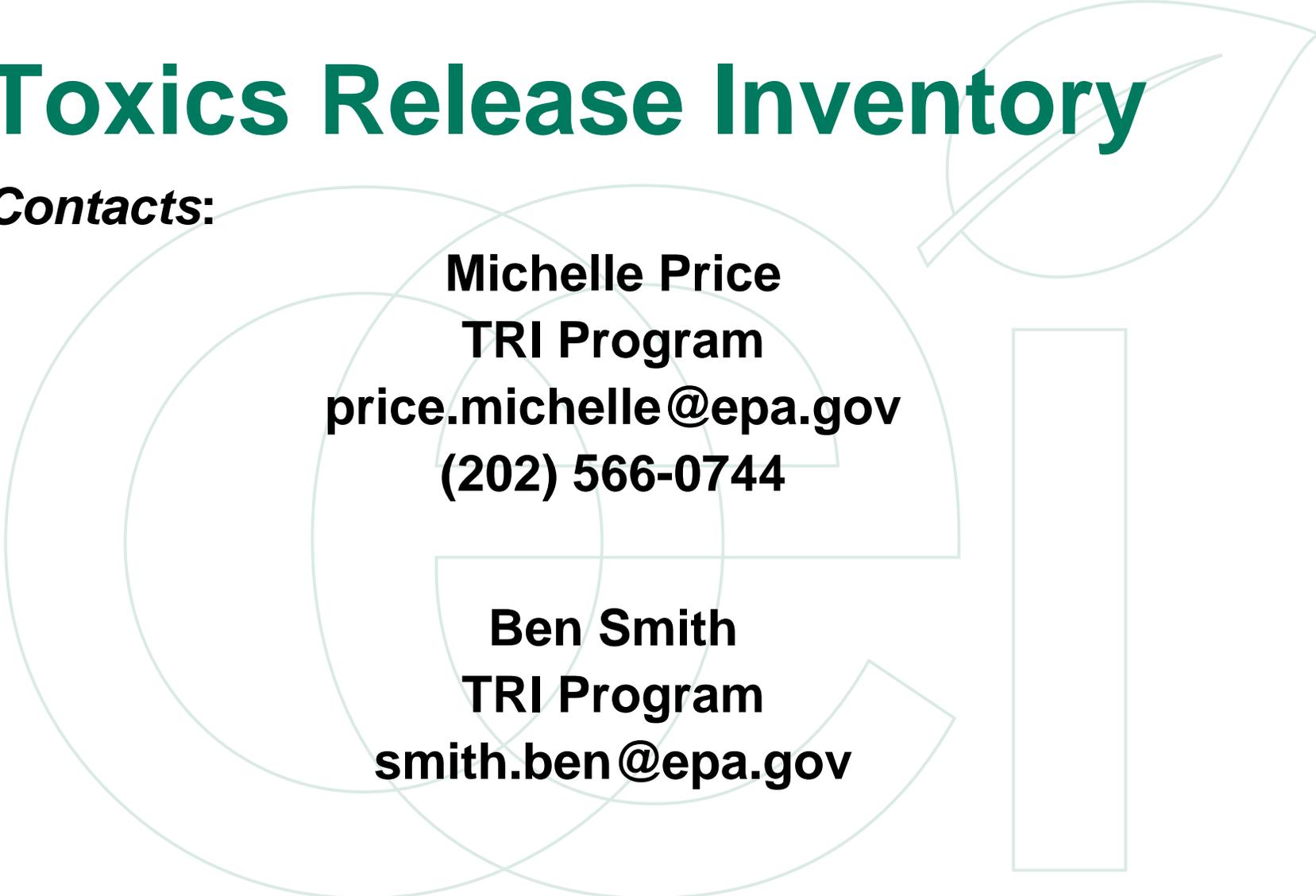


- ◆ Increased data scrutiny and post PDR evaluation
- ◆ Work with Canada and Mexico to evaluate reporting guidance needs and data comparability (AP)
- ◆ Explore creation of data quality forum (blog?)

# Directions—Improving Information Utility and Availability

- ◆ Web page enhancements
- ◆ Explore new presentations for the PDR and “partnering” opportunities (AP)
- ◆ Make custom query data sets more available

# Toxics Release Inventory



## ***Contacts:***

**Michelle Price  
TRI Program  
price.michelle@epa.gov  
(202) 566-0744**

**Ben Smith  
TRI Program  
smith.ben@epa.gov**

