

# Opportunities for Taking Stock

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# Introduction

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- ☞ Purpose: to discuss and identify opportunities for Taking Stock Report (data year 2004)
- ☞ Previous reports have included special features on air releases, progress in Mexico, mercury, primary metals, community case studies
- ☞ Discussion paper

# Topics of Discussion

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- First Trilateral Picture: Options for RETC Data
- Options for Streamlining Taking Stock Report
- Opportunities for Special Features:
  - Geographic analyses
  - Five years of PBT reporting
  - Focus on Recycling
  - Your ideas

# First Trilateral Picture Emerges

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- 📄 New opportunity with mandatory RETC data 2004
- 📄 How to incorporate Mexican data into Taking Stock?
- 📄 Various options

# Options for including RETC Data

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- 📄 New trilateral analysis (RETC/TRI/NPRI)
- 📄 New bilateral analysis (RETC/TRI and RETC/NPRI)
- 📄 New RETC analysis and history
- 📄 Other?

# Option: New Chapter with Trilateral Analysis

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- 📄 RETC/TRI/NPRI matched data using federal COA Section V data
- 📄 about 50 chemicals
- 📄 about 12 industrial sectors
- 📄 releases and transfers
  - air, water, land, treatment, energy recovery, recycling
  - underground injection for TRI/NPRI only (not practiced in Mexico)
  - no sewage (not in federal RETC, reported at municipal level)

# Option: Add new bilateral analysis

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## RETC/TRI

- 📄 About 65 chemicals - pesticides, PCBs
- 📄 about 12 sectors
- 📄 Releases and transfers except sewage

## RETC/NPRI

- 📄 about 50 chemicals
- 📄 about 12 sectors
- 📄 Releases and transfers except sewage

# Option: New RETC data

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- 📄 Add new chapter on Mexican RETC data
- 📄 Include all chemicals and all sectors (not just matched as earlier)
- 📄 Include history of development
- 📄 Include case studies



# Options Summary

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☞ New trilateral analysis (RETC/TRI/NPRI)

☞ New bilateral analysis (RETC/TRI and RETC/NPRI)

☞ New RETC analysis and history

☞ Questions:

- Which options to include?
- What level of detail?
- Other ideas?

# Options for Existing Bilateral Analysis NPRI/TRI

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☞ About 200 chemicals, about 20 sectors,  
releases and transfers

☞ Time trends 1995-2004 and 1998-2004

☞ Questions:

- What level of detail is desired?
  - As is?
  - More on web?
  - Summary only?
  - Summary plus Special Features?
- Other ideas?

# Opportunity 1:

## Mapping of PRTR Data

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- Part of CEC North American Atlas
- Use GIS to create PRTR data layers
- Static maps/interactive maps?
- Many possible layers
- Cooperative approach

# Possible GIS data layers

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- ☞ Map facilities - all or matched
- ☞ Map on-site releases - by chemical, by health effect, by sector, by total
- ☞ Map transfers - amounts and destinations
- ☞ Combine with other layers - bioregions

# Questions for Mapping of PRTR Data

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- 📄 Is there interest in this type of analysis?
- 📄 What type of data layers would be most useful?
- 📄 Any data protocols that would be most useful? Compatability?
- 📄 Any groups interested in working on this possible project?

## Opportunity 2: Trends in Persistent, Bioaccumulative Toxics (PBTs)

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☞ Mercury, lead, dioxins and furans, etc.

☞ Five year trend (three year trend for lead)

☞ Look at sectors, reasons for changes

☞ Discuss TRI and NPRI separately

☞ Questions:

- Is there interest in this type of analysis?
- Any suggestions for particular analyses?

# Opportunity 3: Focus on Recycling

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📄 Analyze amounts, sectors, trends

📄 Probe reasons for large shifts - between landfill and recycling

📄 Case studies

📄 Questions:

- Is there interest in this type of analysis?
- Any particular areas that are of interest?
- Any groups interested in working on this particular project?

# Opportunity 4: Your ideas

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- ☞ Several ideas have become report sections
- ☞ What's of interest to you?



# Comments?

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Send ideas by November 7, 2005 to:

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CEC will send out document responding to  
comments in Dec/Jan