



# Beyond the Numbers: How to Leverage the P2 Results Report

By: NPPR/P2Rx Joint P2 Results Task Force



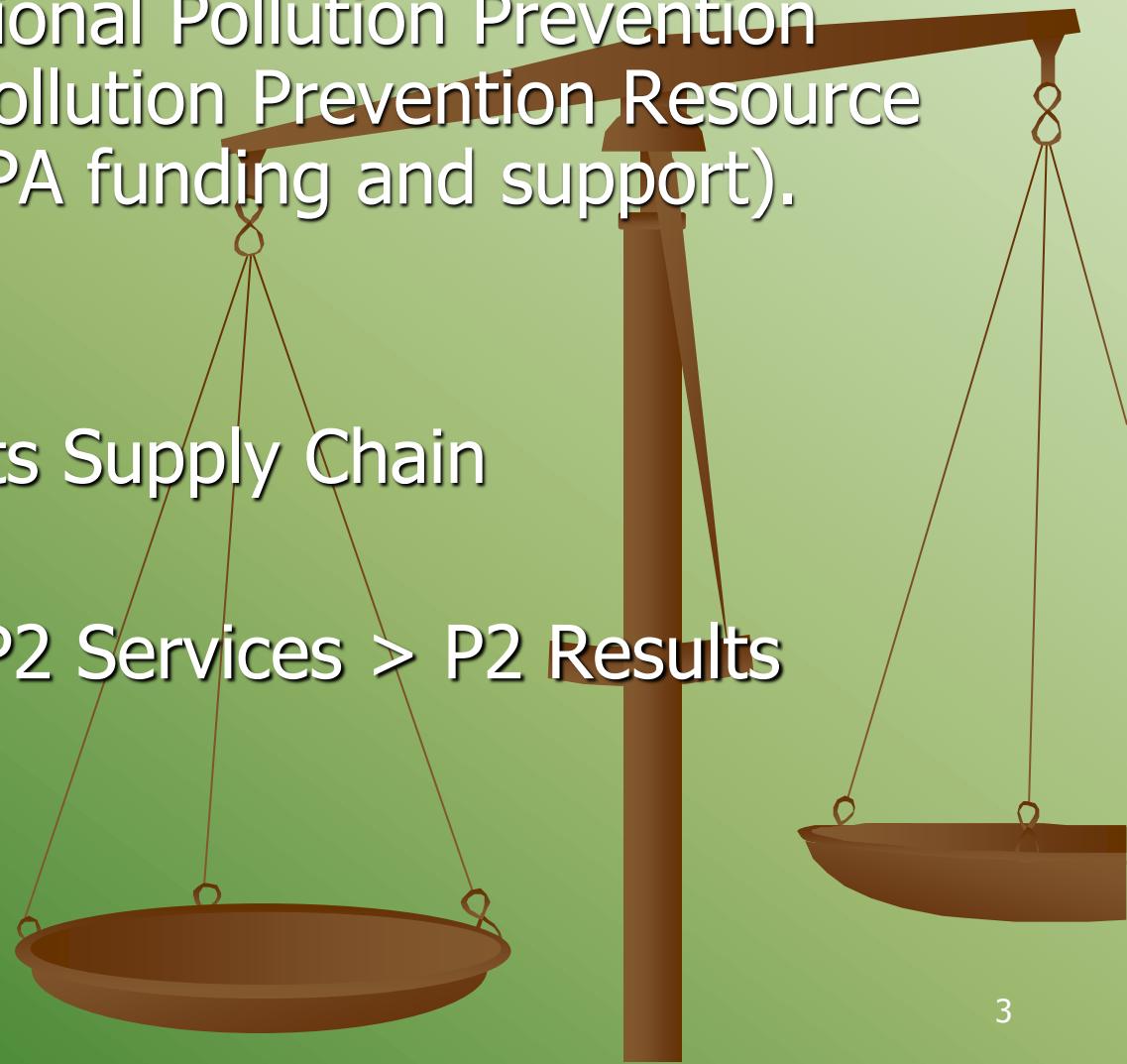
# Overview

- Introductions
- Highlights from the 2010-2012 Report
- Good data & bad data – reporting best practices
- How to get the most mileage out of the data
- Roundtable of successes/challenges

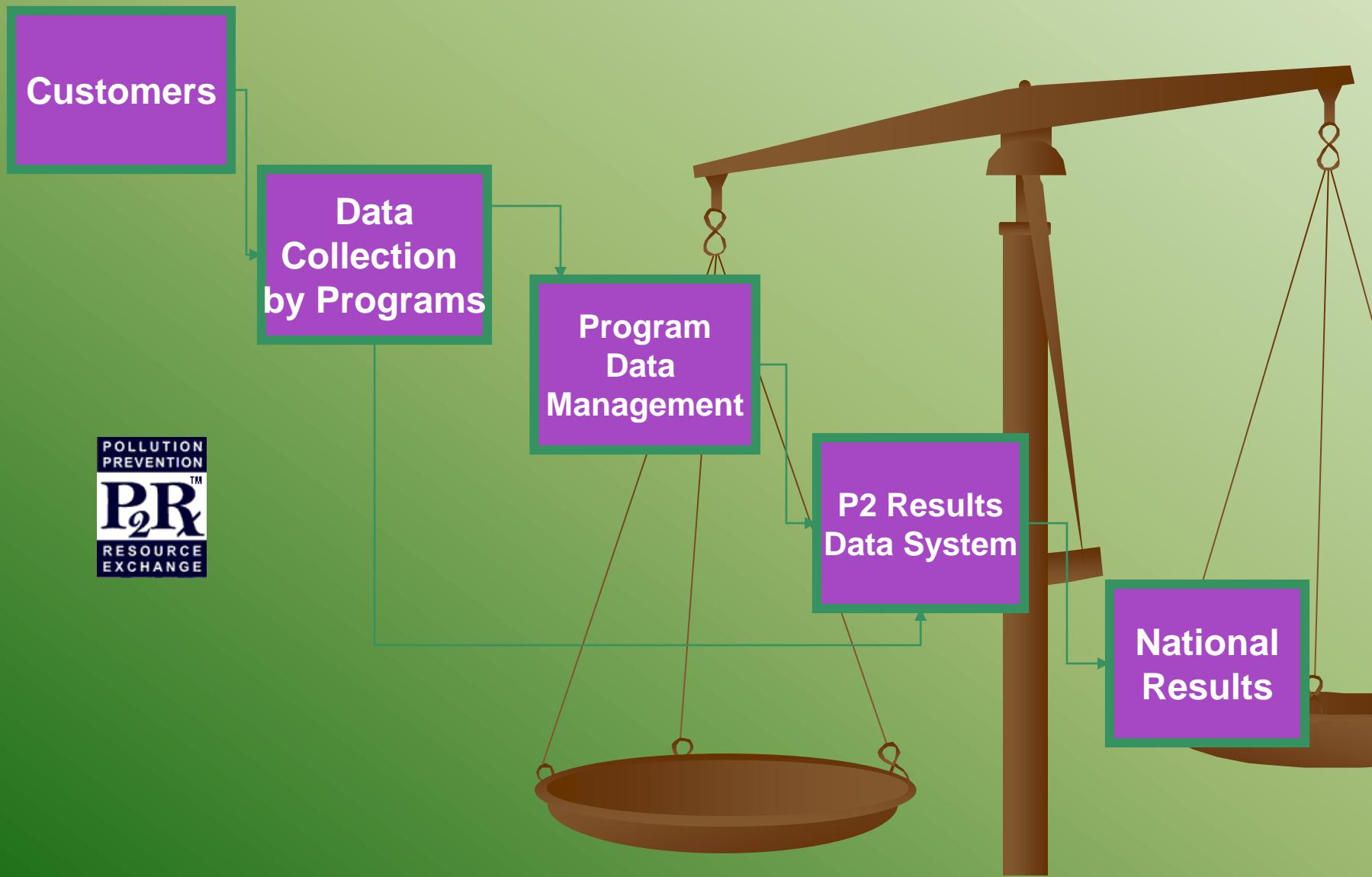


# P2 Results Data Management System

- Developed by National Pollution Prevention Roundtable and Pollution Prevention Resource Exchange (with EPA funding and support).
  - Began in 2003
- National P2 Results Supply Chain
- [www.p2rx.org](http://www.p2rx.org) > P2 Services > P2 Results



# National P2 Results Supply Chain



# 2010 – 2012 Results

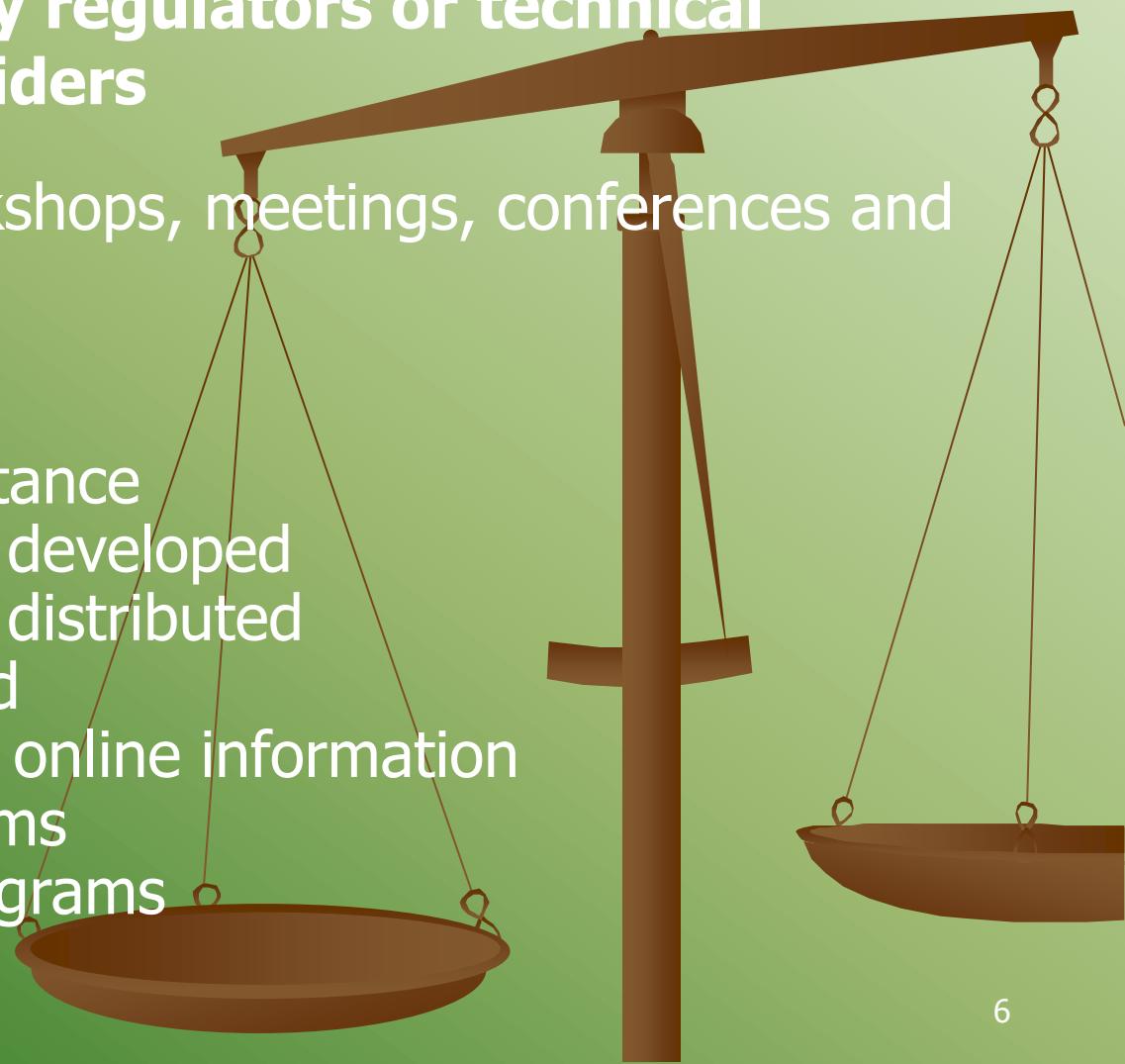
- Input from over 90 organizations:
  - State Environmental and Health Departments
  - Technical Assistance Programs
  - Small Business Development Centers
  - Universities and Colleges
  - Tribal Governments
  - Local Governments
  - Federal Agencies



# Activities

## **Actions taken by regulators or technical assistance providers**

- Trainings, workshops, meetings, conferences and roundtables
- P2 Plans
- Site visits
- Technical assistance
- P2 information developed
- P2 information distributed
- Grants awarded
- Web visitors to online information
- Awards Programs
- Leadership Programs



# Activity Results (Highlights)

- **25,000 people trained in P2 (30/day)**
- **5,500 site visits (22,000 hours)**
- **4,600,000 web site visitors (1.5M/yr)**
- **750 documents developed**
- **800,000 documents distributed**



# Behavior Change

## **Actions taken by the recipients of technical assistance (activities)**

- Adoption of P2 policies
- People trained in P2
- Environmental Management Systems developed
- P2 Team developed
- Organizations that have mapped their processes
- Organizations reporting compliance improvements
- Organizations implementing P2 recommendations
- Organizations reporting increased understanding of P2 Opportunities



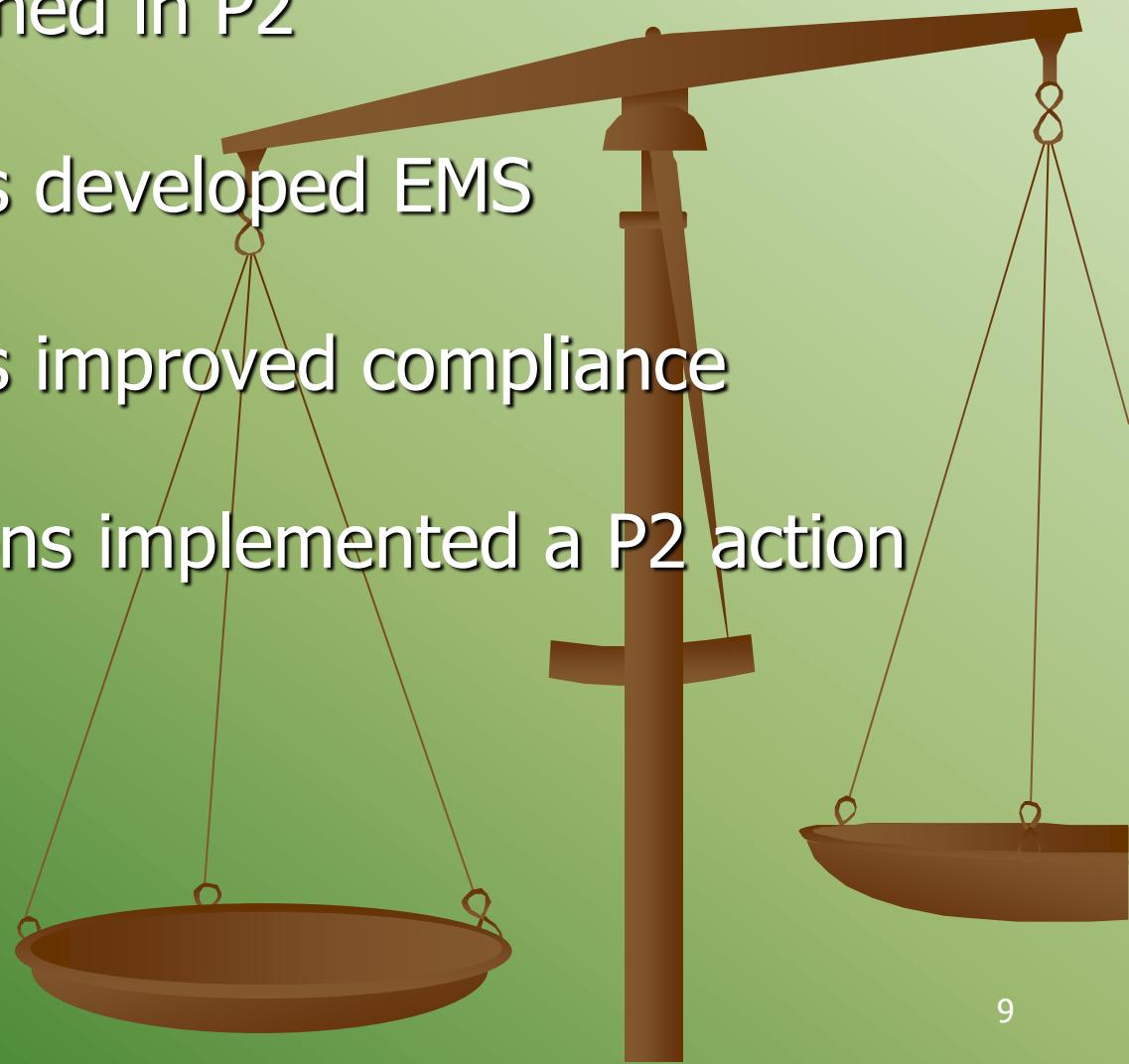
# Behavior Change (Highlights)

4,500 people trained in P2

250 organizations developed EMS

500 organizations improved compliance

3,000 organizations implemented a P2 action  
(4/day)



# Outcomes

**Results which have an environmental or economic benefit**

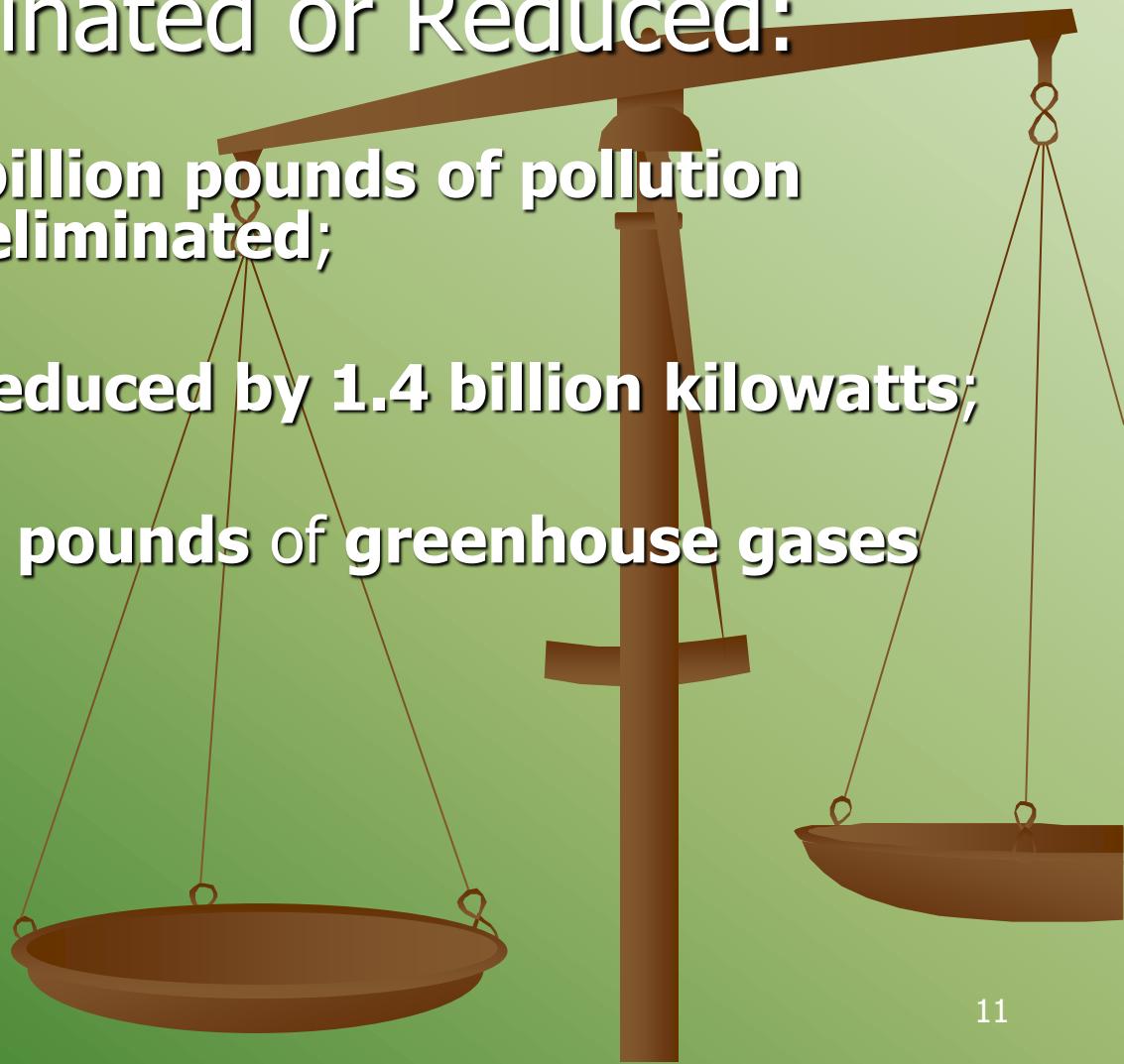
- Non-Hazardous (pounds/year)
- Hazardous Materials (pounds/year)
- Hazardous Wastes (pounds/year)
- Air Emissions (pounds/year)
- Solid Waste (pounds/year)
- Energy (KwH/year or therms/year)
- Green Energy (KwH/year or therms/year)
- Water Use (gallons/year)
- Water Pollution (pounds/year)
- Reduced Operating Costs (dollars/year)



# Outcome Results (Highlights)

## Avoided, Eliminated or Reduced:

- more than **8.9 billion pounds of pollution minimized or eliminated**;
- energy **usage reduced by 1.4 billion kilowatts**;
- over **1.7 billion pounds of greenhouse gases (GHG)**



# Outcome Results (Highlights)

- **\$5.4 billion** in economic benefits



# Funding Costs Reduced for 2010

NON-GRANT TOTAL BUSINESS, INSTITUTIONAL  
AND GOVERNMENT COSTS  
REDUCED (\$)

**1,800,000,000**

P2 AND SRA GRANT TOTAL BUSINESS, INSTITUTIONAL  
AND GOVERNMENT COSTS  
REDUCED (\$)

**83,000,000**

0

400,000,000

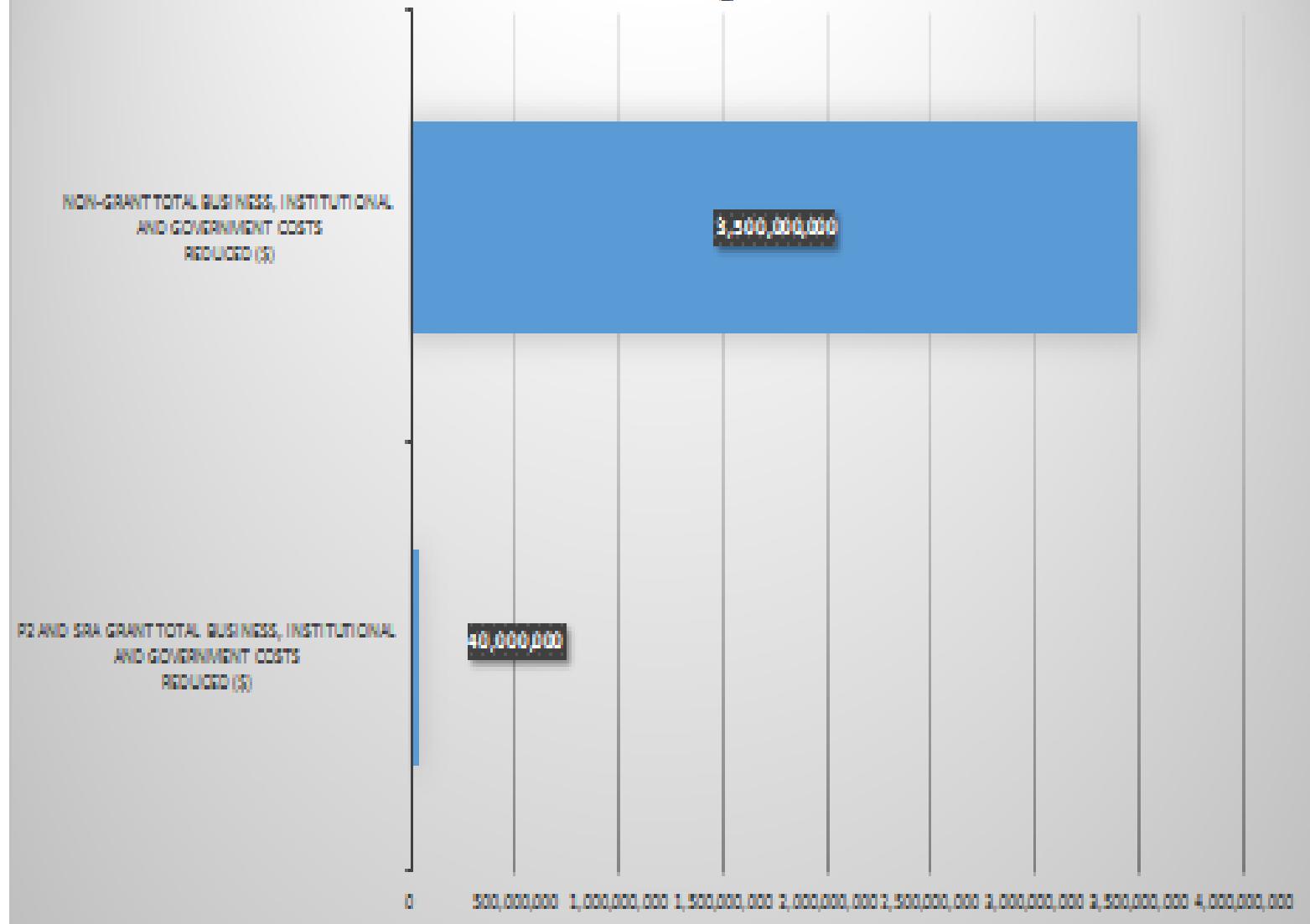
800,000,000

1,200,000,000

1,600,000,000

2,000,000,000

## Funding Costs Reduced for 2011



# P2 Results Data Quality Assurance

- Participant QA
  - Expectations
- Task Force QA
  - Historical Errors & Review
- Participant QA
  - Guidelines



# Why Measurement is Important?

- Reveals Our Values
- Drives Our Behavior
- Inspires Us
- Helps Us Learn



# Importance of Participation

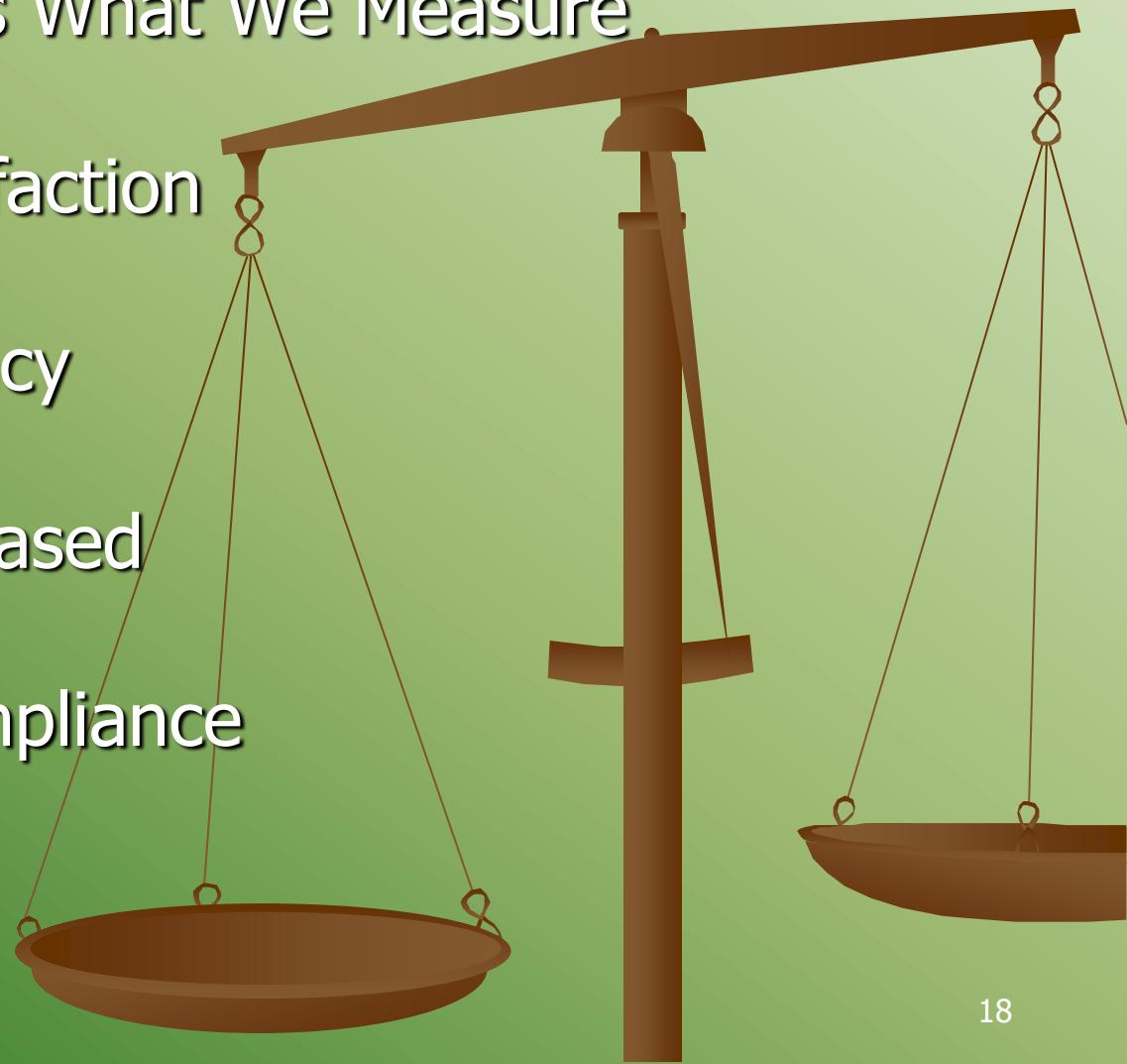
- Agencies
- Businesses
- Public



# Reveals Our Values

What is Important is What We Measure

- Customer Satisfaction
- Process Efficiency
- Materials Purchased
- Regulatory Compliance



# Drives Behavior

What Gets Measured Gets Managed

- Energy Consumption
- Process Speed
- Habitat Protected



# Inspires Us

Achieving Goals Makes Us Feel Good  
(and is good for the environment)

Reducing Emissions

Saving Energy (Costs)

Recognition



# Helps Us Learn

Can Transform the Intelligence of the Organization

- Are We Having An Impact?
- Are We Improving?
- How Long Does the Process Take?



# Have Numbers, Will Engage

- Roll-out package
  - Press release
    - Have you pushed it out?
  - Letter to Commissioners
    - Brag about your program
  - Letter to Congressional Delegation
    - Educating
    - Know your agency's rules of engagement



# Roundtable Discussion

## ■ Questions to Consider

- How does your program communicate internally and externally about your successes?
- How has the P2 Results System helped you tell your story?
- Are there tools or resources that would help with educating others about your program and its positive environmental and economic impacts?
- What more can the Task Force do to help?



# Questions?

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