



Beyond the Numbers: How to Leverage the P2 Results Report

By: NPRR/P2Rx Joint P2 Results Task Force



Overview

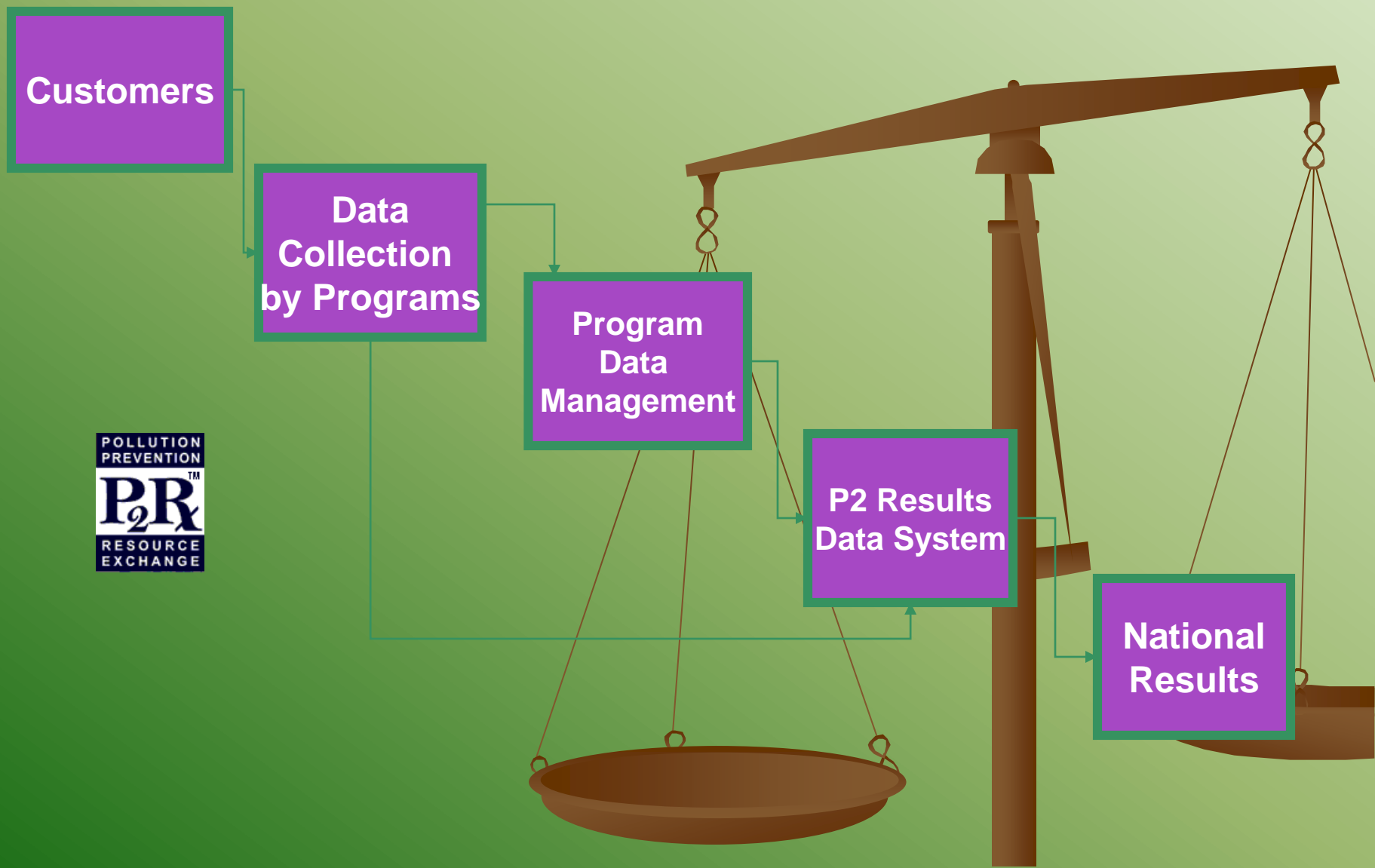
- Introductions
- Highlights from the 2010-2012 Report
- Good data & bad data – reporting best practices
- How to get the most mileage out of the data
- Roundtable of successes/challenges



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 > P2 Services > P2 Results

National P2 Results Supply Chain



2010 – 2012 Results

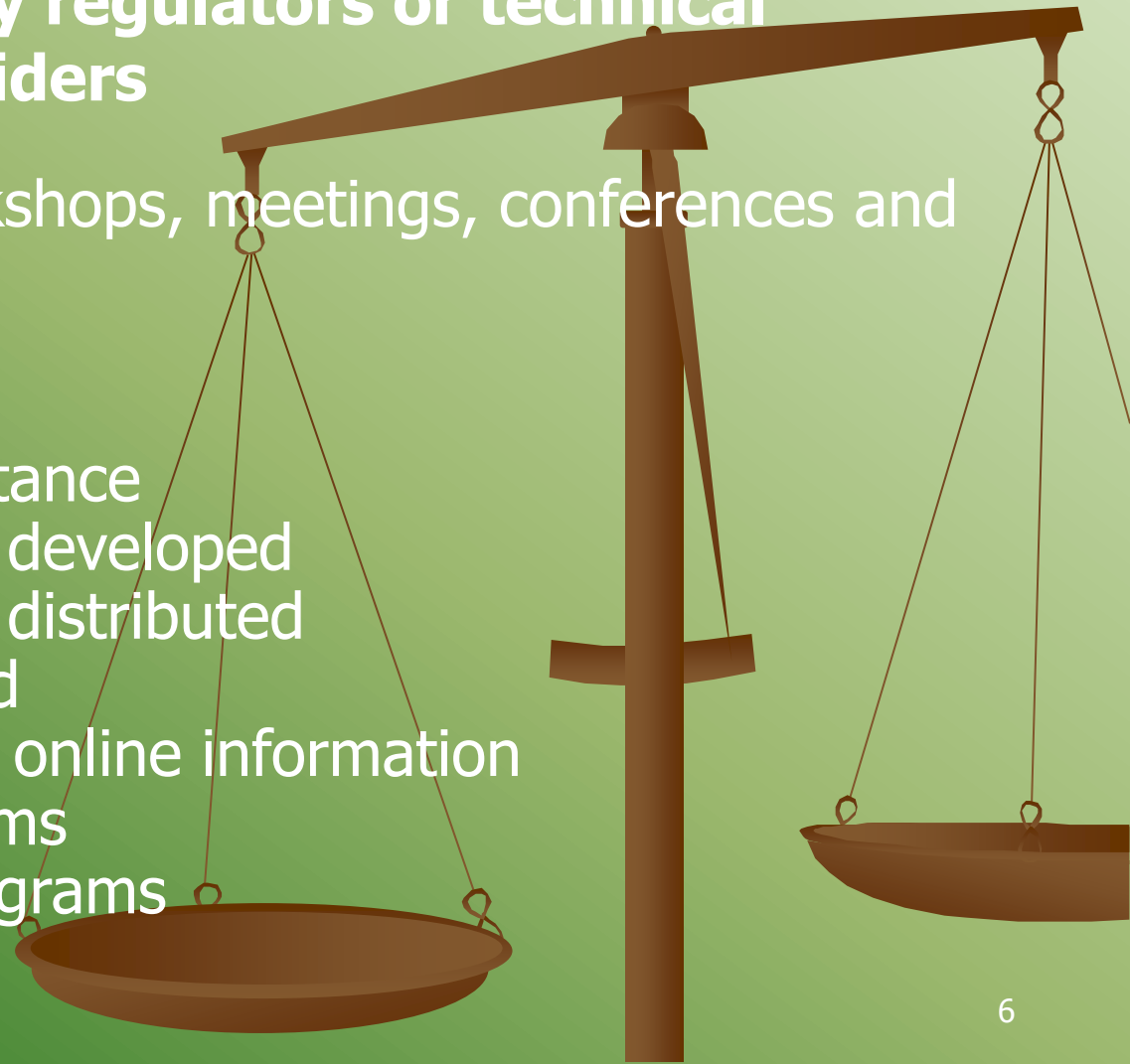
- Input from over 90 organizations:
 - State Environmental and Health Departments
 - Technical Assistance Programs
 - Small Business Development Centers
 - Universities and Colleges
 - Tribal Governments
 - Local Governments
 - Federal Agencies



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



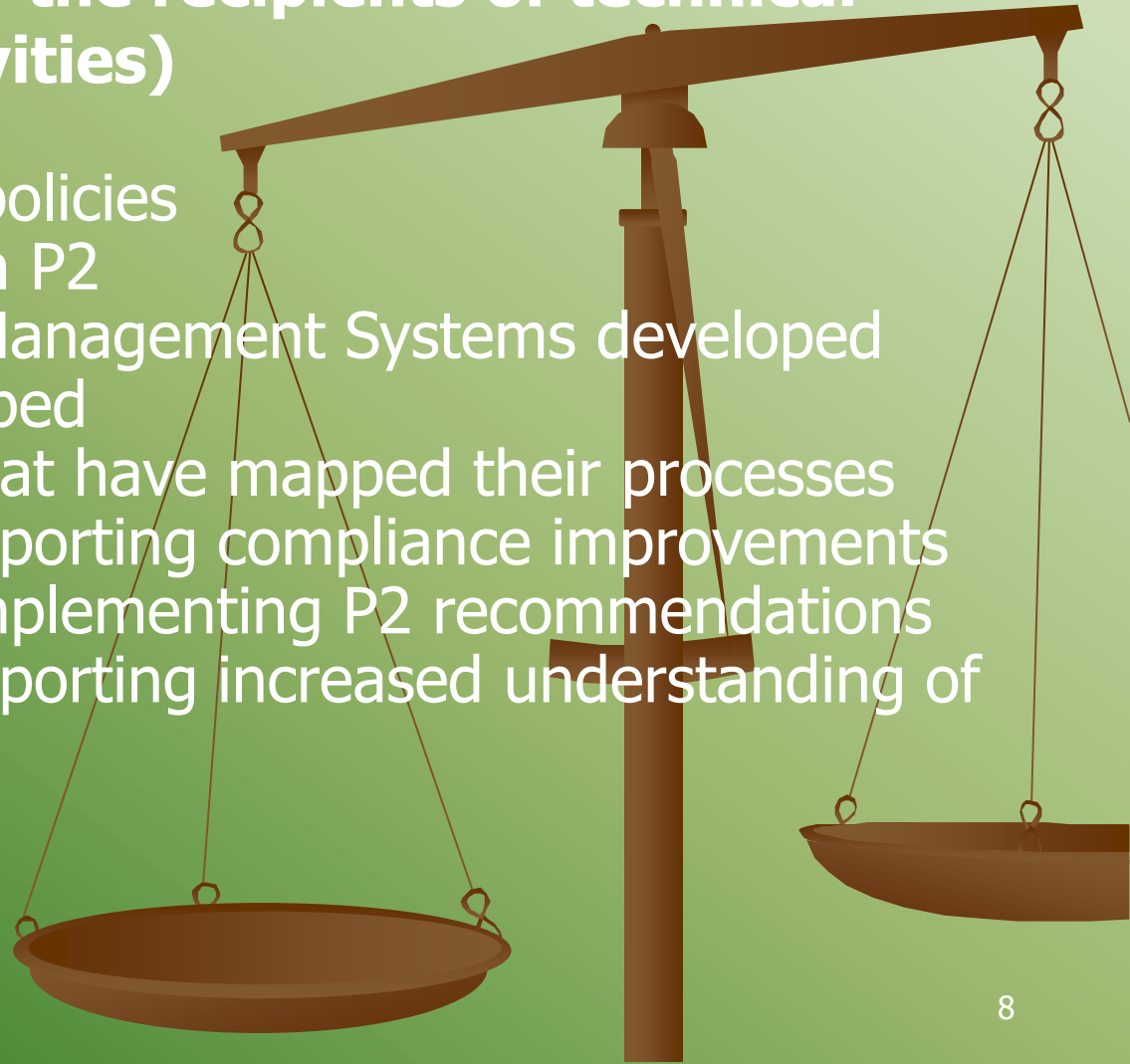
Activity Results (Highlights)

- **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



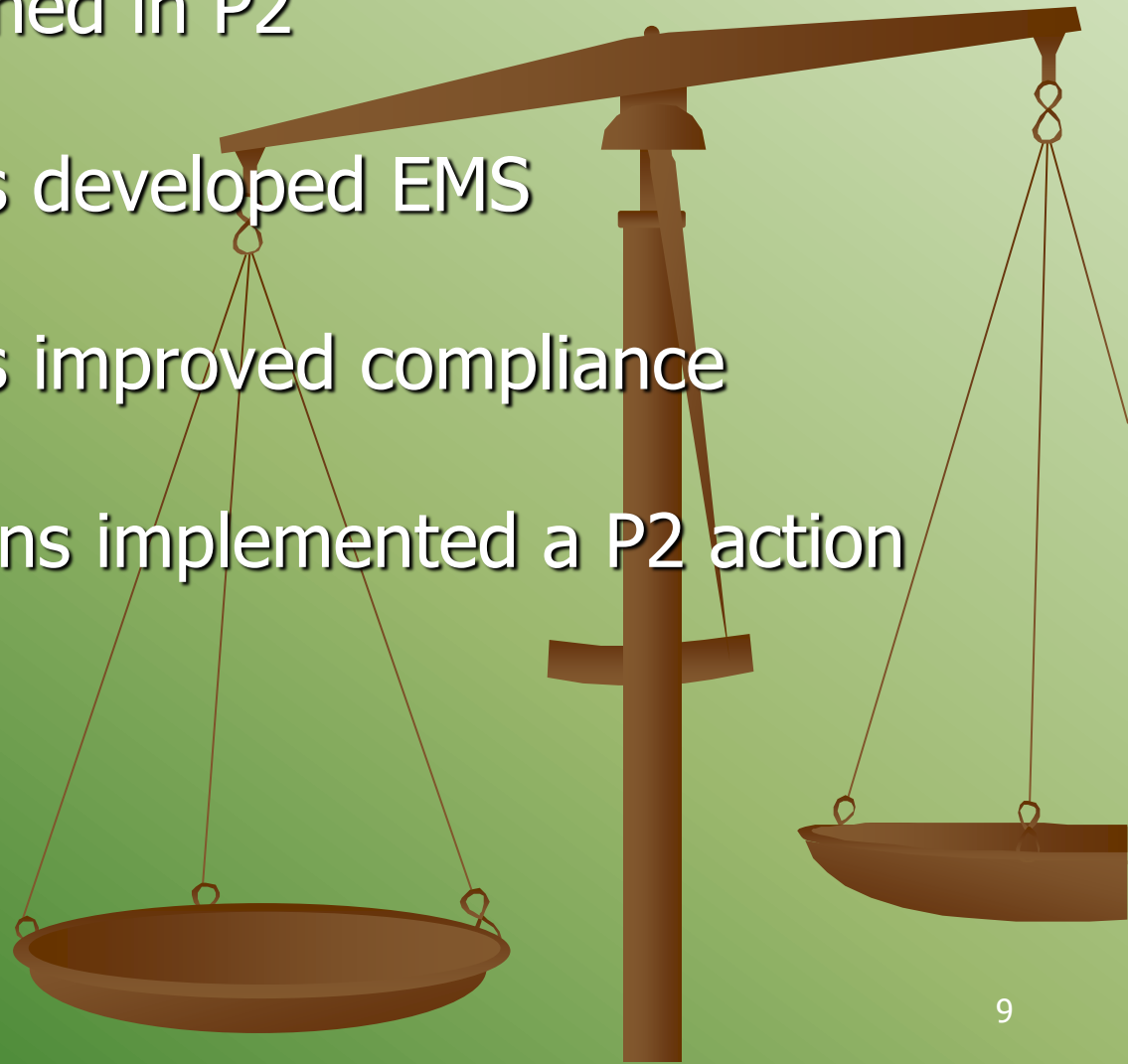
Behavior Change (Highlights)

4,500 people trained in P2

250 organizations developed EMS

500 organizations improved compliance

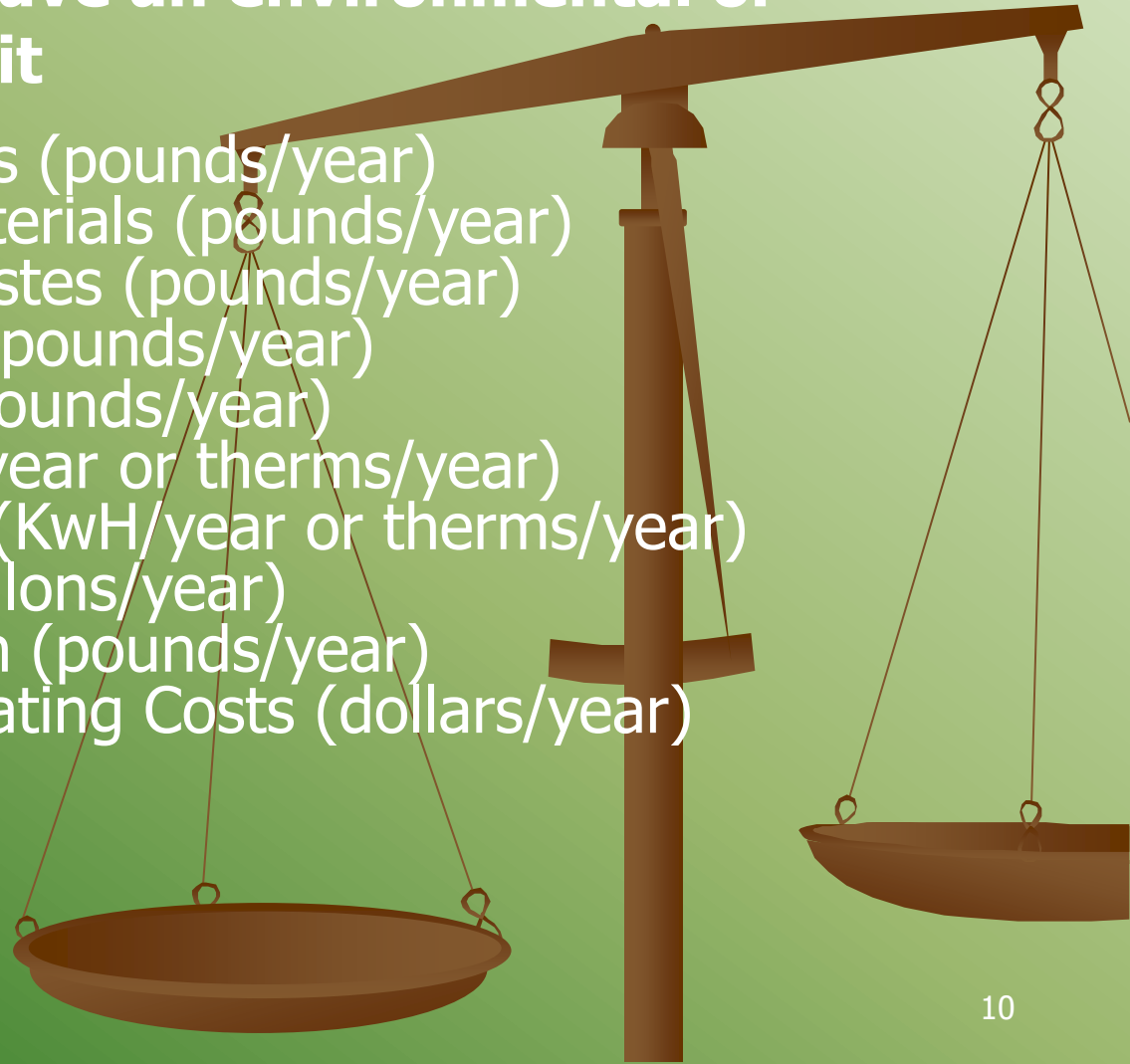
3,000 organizations implemented a P2 action
(4/day)



Outcomes

Results which have an environmental or economic benefit

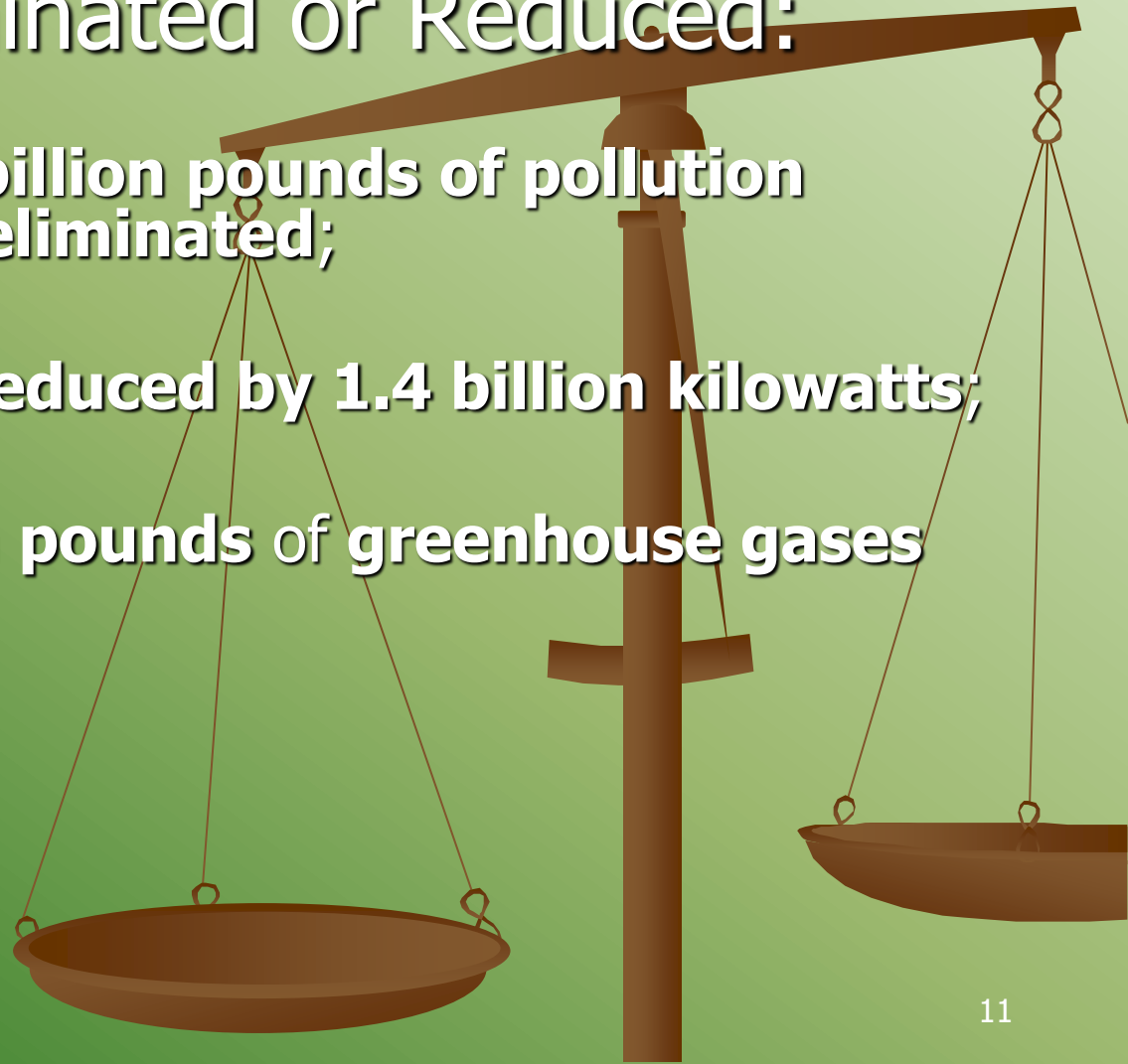
- Non-Hazardous (pounds/year)
- Hazardous Materials (pounds/year)
- Hazardous Wastes (pounds/year)
- Air Emissions (pounds/year)
- Solid Waste (pounds/year)
- Energy (KwH/year or therms/year)
- Green Energy (KwH/year or therms/year)
- Water Use (gallons/year)
- Water Pollution (pounds/year)
- Reduced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

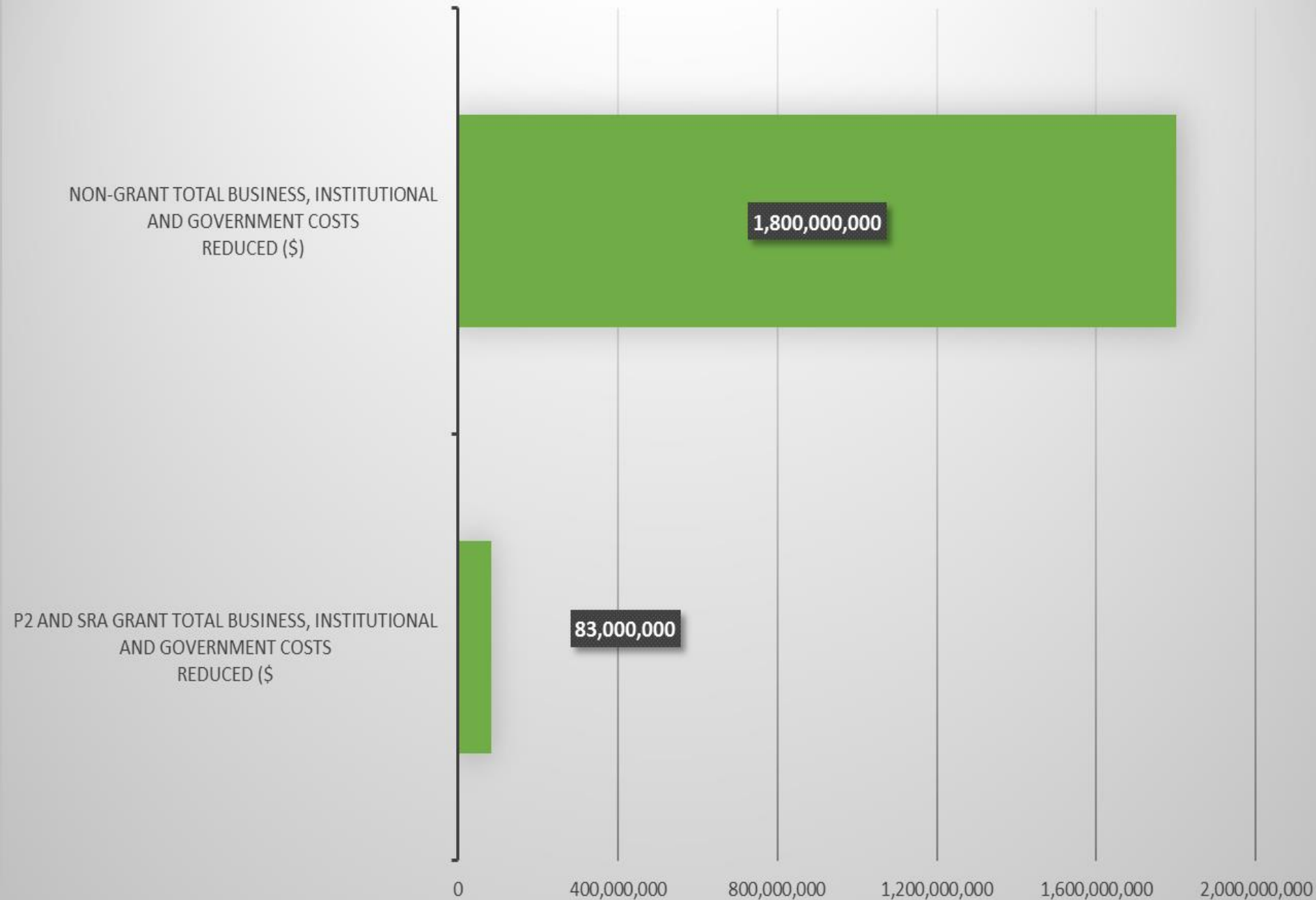
400,000,000

800,000,000

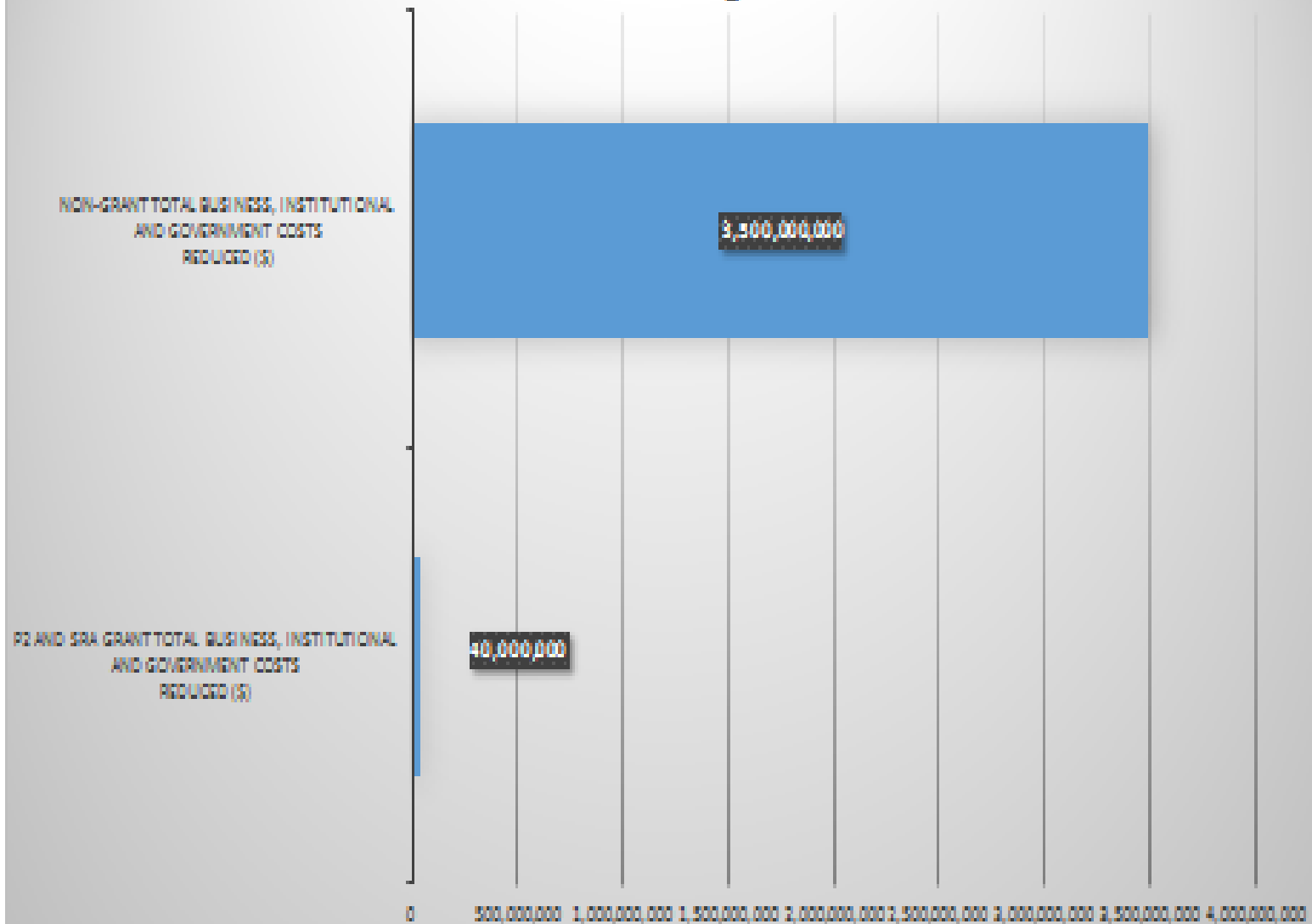
1,200,000,000

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

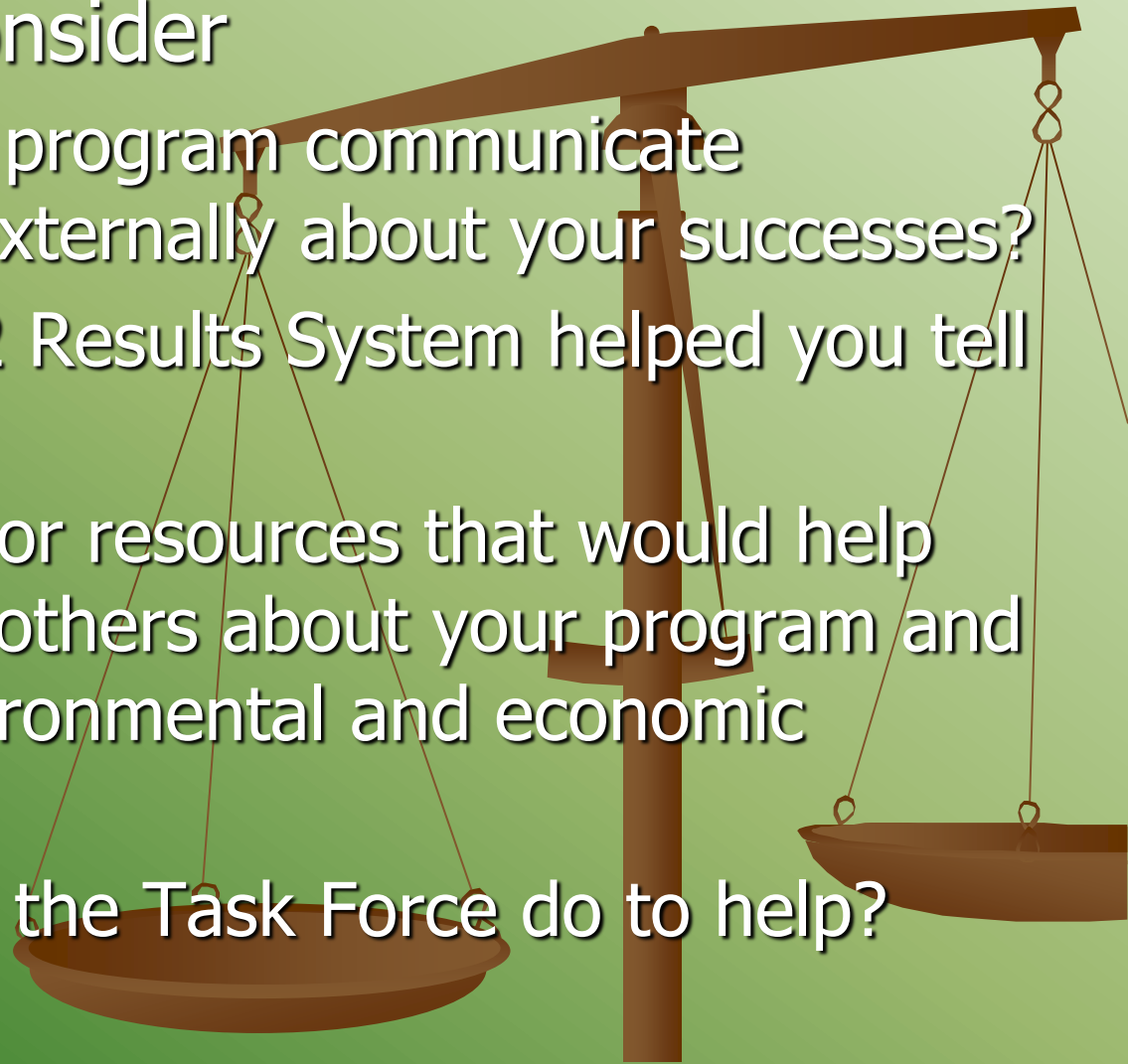
- Roll-out package
 - Press release
 - Have you pushed it out?
 - Letter to Commissioners
 - Brag about your program
 - Letter to Congressional Delegation
 - Educating
 - Know your agency's rules of engagement



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?





preventing pollution at its source

25
years

Pollution Prevention Act 1990

right from the start

Questions?

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