

Local Source Control Partnership Program



The Environmental Results EnviroStars™ Washington Program

Western Washington MRW Committee
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What is the Local Source Control Partnership?

- **Established by the Legislature**
- **Funding for Local Government**
- **Small Business Assistance**

- **12 county Puget Sound region**

- **Urban Waters Initiative:**
 - Lower Duwamish River
 - Commencement Bay
 - Spokane River Watershed

What are the goals and objectives?

- **Protect and restore Puget Sound & Spokane River Watershed**
- **\$2.5 million for FY08-09 Local Governments**
- **13 Local Source Control Specialists**
- **Urban Waters Ecology Inspectors**
- **Small Business Assistance**
- **Ecology Source Control Coordinator**
- **Ongoing funding**

- **Proposals Due October 29**

How does this support EnviroStars Washington?

- **Pilot Environmental Results Program**
- **Partner with existing EnviroStars programs**
- **Move toward statewide program in 3-5 years**
- **Ecology funding and staffing support**

- **Potential to leverage \$4.0 million in FY2009 CPG Beyond Waste Funding**

The Challenge: Reducing Environmental & Health Impacts

- **Moving *Beyond Waste***
 - Reducing & eventually eliminating hazardous and solid wastes; Minimizing the use of toxic chemicals; Turning waste into resources; Transforming to a clean economy
- **Protecting Waters**
 - Rivers, streams, lakes & Puget Sound contaminated with toxics & stormwater runoff; Not enough water available to meet all needs
- **Reducing Greenhouse Gases & Air Pollution**
 - Reducing our production of gasses that contribute to global warming; Keeping our air clean

The Challenge & Opportunity Reaching Smaller Businesses

- Huge opportunity to help small and medium businesses positively impact the environment and improve their business
- 164,000 businesses with 100 or fewer employees operate in Washington; 56,000 potential small quantity generators (SQG)
- Existing programs, policies, & regulations do not effectively reach these smaller businesses; A new approach is needed
- Assistance and tools are key to reaching small & medium businesses

Program Purpose

- Work with small & medium sized businesses in a new, more collaborative way to improve environmental performance
- Achieve results more efficiently and effectively – less waste, use of toxics, improved water quality etc.
- Improve knowledge of compliance, best management practices, pollution prevention, and health & safety
- Integrate & leverage multiple environmental initiatives

Program Framework

THE “BASICS”

“ERP”

Sector-specific tools & assistance to achieve voluntarily compliance

Special “thanks” for voluntary compliance

Onramp to EnviroStars Washington

“BEYOND THE BASICS”

EnviroStars™ Washington

Statewide EnviroStars to recognize environmental leaders for going “beyond the basics” in waste, toxins, water, climate & air

Benefits and incentives to drive participation

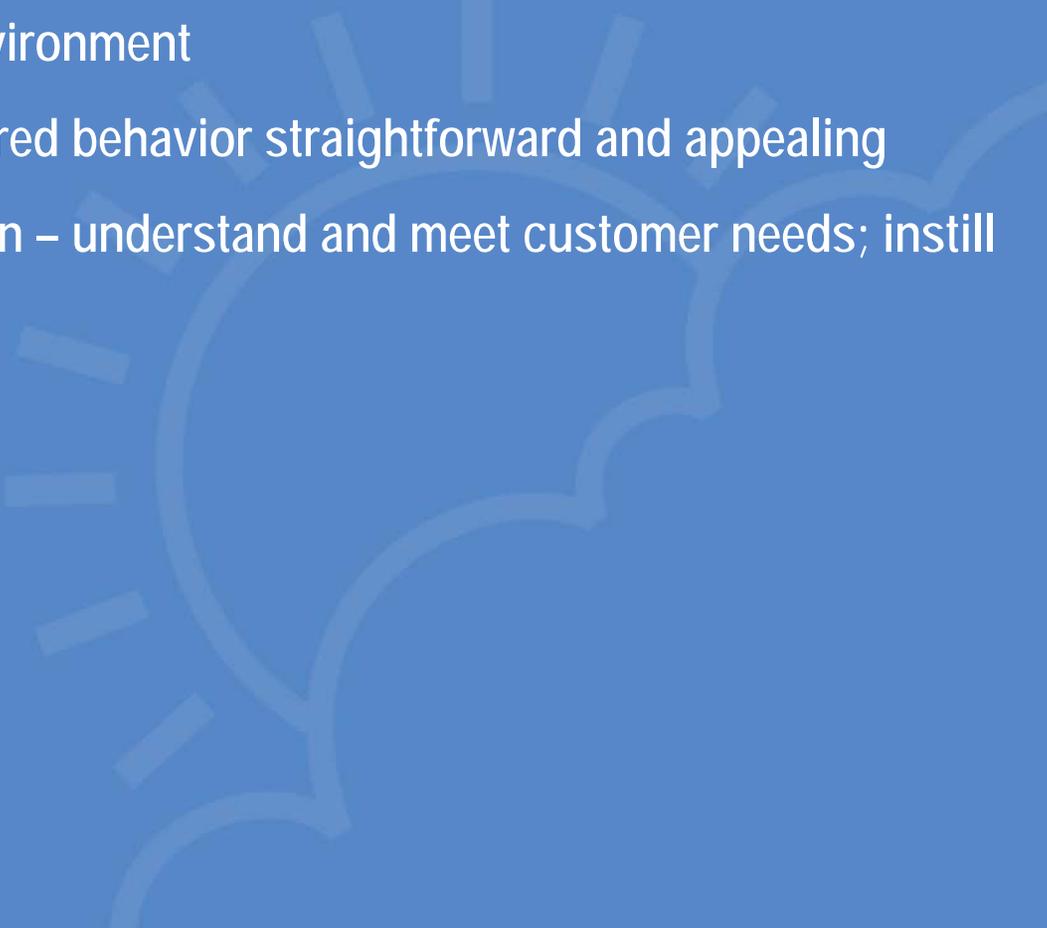
Focus on small and medium businesses, but open to all

Integrates and connects to various state-level environmental initiatives

Governor’s Award



Inspire with Benefits & Incentives

- Collaborative approach with industry to achieve environmental outcomes
 - Suite of seven kinds of benefits to drive commitment and action to reduce liability and improve the environment
 - “Build a road” to make desired behavior straightforward and appealing
 - Customer service orientation – understand and meet customer needs; instill confidence
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Key Audience

- Designed for small and medium businesses; sector-specific customization over time
- Auto body selected as ERP pilot sector
 - Big sector, ERP sector, connection to air, past experience, technological innovations, new regulations, strong industry associations
- Priority sectors identified for subsequent years:
 - Medical
 - Marinas & Boatyards
 - Painting, Paint Stores
 - Government
 - Cabinet Manufacturers
 - Printers
 - Aerospace Parts/Supplies
 - Landscapers/nurseries
 - Janitorial

Connect & Leverage Multiple Environmental Initiatives



Effectively reach smaller businesses with assistance and incentives to achieve outcomes associated with multiple initiatives

Partner for Success

- Establish key partnerships with industry associations and leaders to build on existing networks and gain credibility
- Recognize industry leaders who actively promote and support the program
- Collaborate across agencies and departments to offer value
- Partner with local government to deliver assistance and service
- Engage NGOs and other organizations to leverage resources

Next Steps

- Establish partnerships with local government, key departments & agencies and business groups & leaders
- Work with partners to finalize program benefits & requirements
- Develop tools and resources; build program infrastructure
- Implement ERP, track lessons learned
- Phased merger with EnviroStars; transition existing members, re-brand program

Beyond the Basics:



EnviroStars™ Washington

- Suite of tools, benefits and incentives to help business reduce liability and improve the environment
- Three levels of environmental leadership
 - ★★★ : Simple actions, plans and commitments to reduce environmental impacts.
 - ★★★★ : Incorporate environmental practices directly into operations, marketing, management, and accounting systems.
 - ★★★★★ : Demonstrated leaders in reducing environmental impacts. Environmental responsibility goes well above industry peers.

Beyond the Basics:



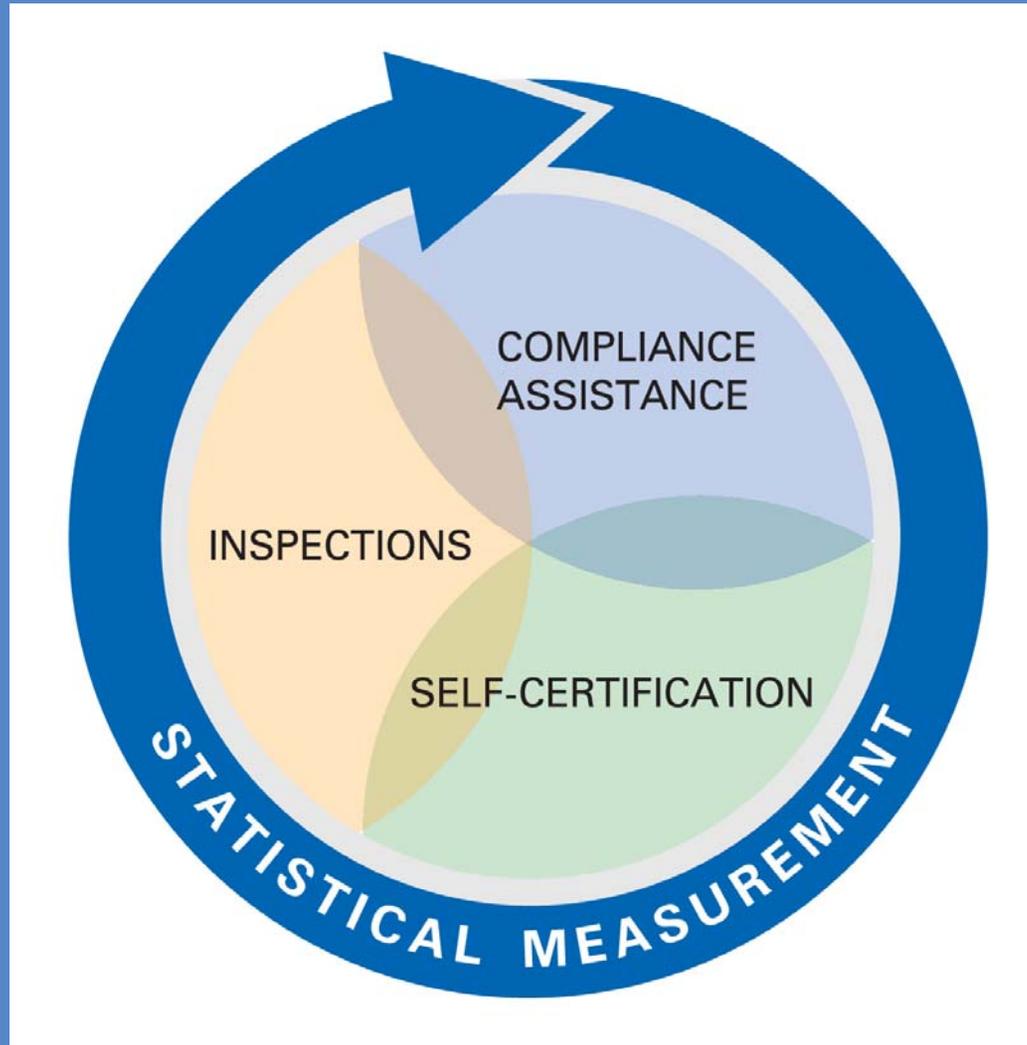
EnviroStars™ Washington

- High degree of flexibility; choice to make commitments & actions in three environmental areas:
 - Reducing waste and toxics
 - Protecting waters
 - Curbing greenhouse gases & air pollution
- Tools to help members effectively manage & report progress

Washington State Environmental Results Program



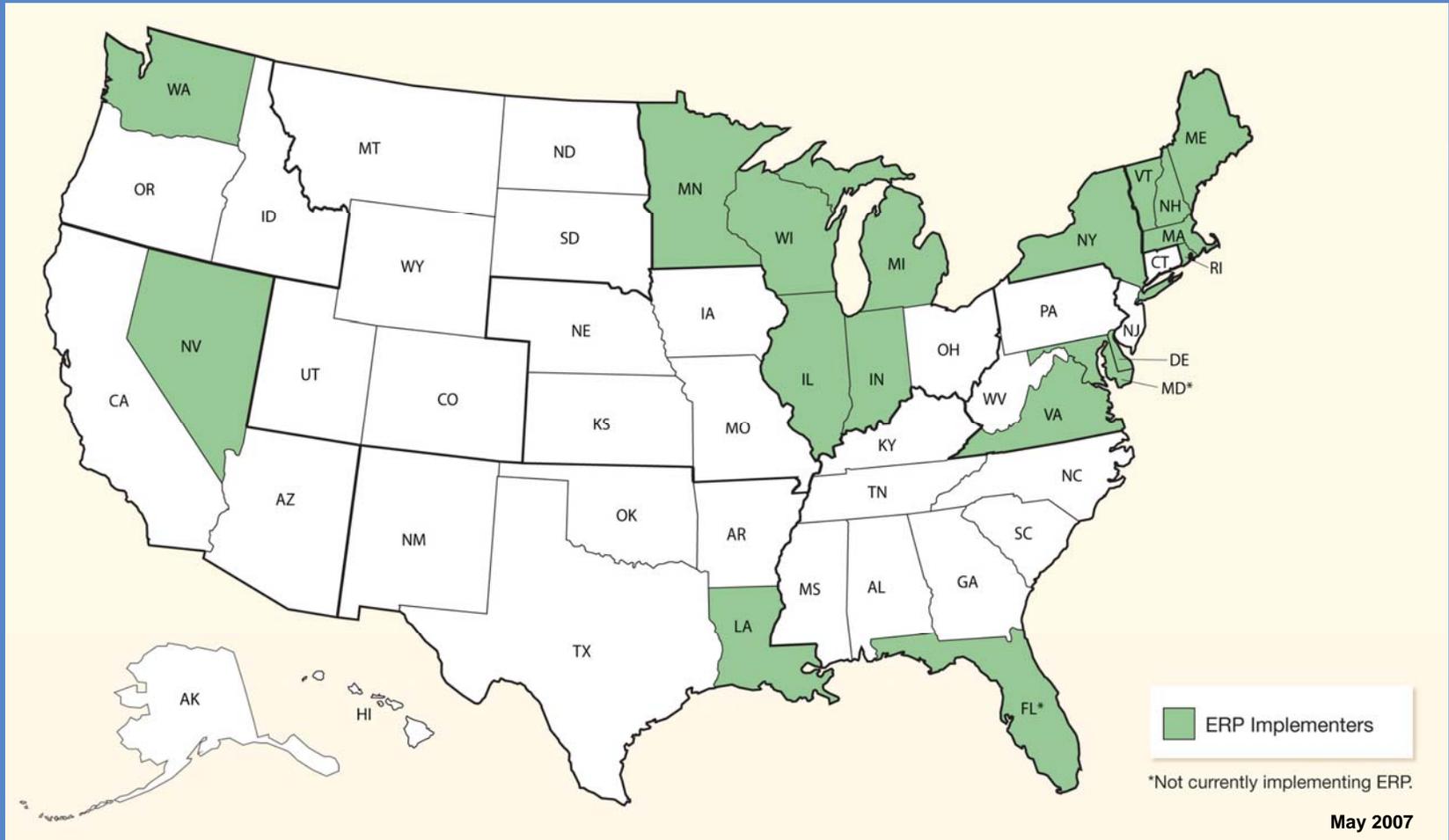
ERP: Interlocking Tools, Integrated System



Current State of ERP

- **2007 EPA State Innovation Grant**
 - Three year funding support
- **2007 Local Source Control Specialists**
 - Site visits, technical assistance, and tools
- **2008 Auto Body Pilot Project**

Who's Doing ERP? (18 States, 8 EPA Regions)



ERP Now Covers 11 Sectors/Groups

Small Animal Feedlots (<i>MN</i>)	Auto Salvage Yards (<i>IN, RI</i>)
Auto Body Shops (<i>DE, MD*</i> , <i>ME, NY, RI, WA</i>)	Auto Repair Shops (<i>FL*</i> , <i>MD*</i>)
Dry Cleaners (<i>MA, MI, NH, NV</i>)	Gas Stations (<i>RI, VA, VT</i>)
Oil & Gas Extraction Facilities (<i>LA</i>)	Photo Processors (<i>MA</i>)
Printers (<i>MA, NY, WI</i>)	Stormwater Dischargers (<i>ME, RI</i>)
Underground Injection Wells (<i>IL</i>)	

*FL/MD no longer implementing ERP. MD had one ERP that covered both auto body and auto repair shops

How ERP Works: A Typical ERP Cycle



ERP States Produce Results

- **Across-the-board improvement in first cycle of each ERP**
- **Measured with *Environmental Business Practice Indicators (EBPIs)***
 - Reflect highest priority compliance and best management practices. e.g.:
 - DE auto body shops' hazardous waste disposal compliance increased from 66% to 91% in one year
 - ME auto body shops' use of "green" solvents increased from 46% to 97% in one year

Across-the-Board EBPI Improvements

Observed Average Indicator Improvement in First ERP Self-Certification Cycle

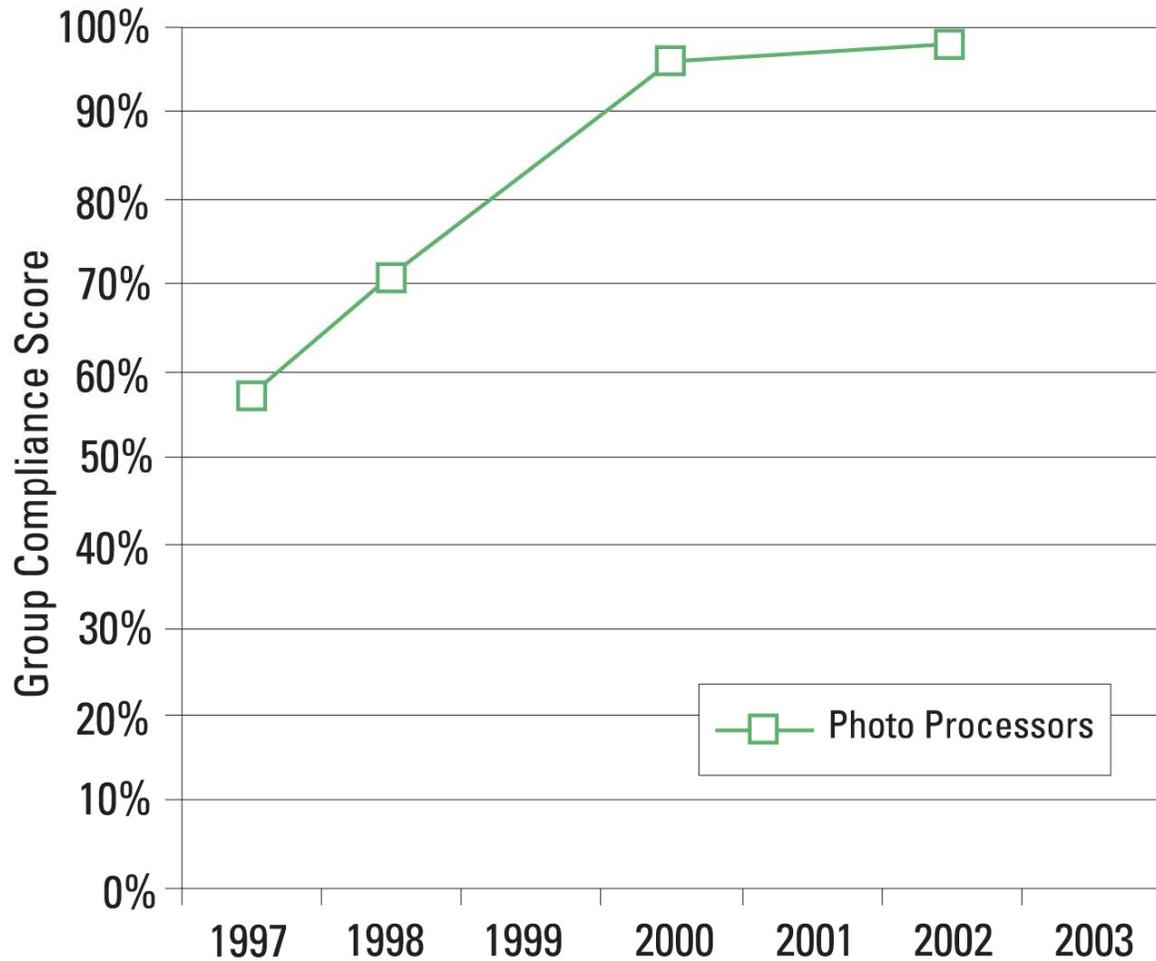
Sector	State	Avg. Improvement* (Percentage Points)
Auto Body	DE	30
	ME	10
	RI	21
Auto Body/Repair	MD	12
Auto Repair	FL	7
Dry Cleaners	MA	5
Photo Processors	MA	12
Printers	MA	13

* Explanation of calculations available in ERP 2007 Report and Executive Summary.

ERP Sector-Level Measures Show Sustained Compliance

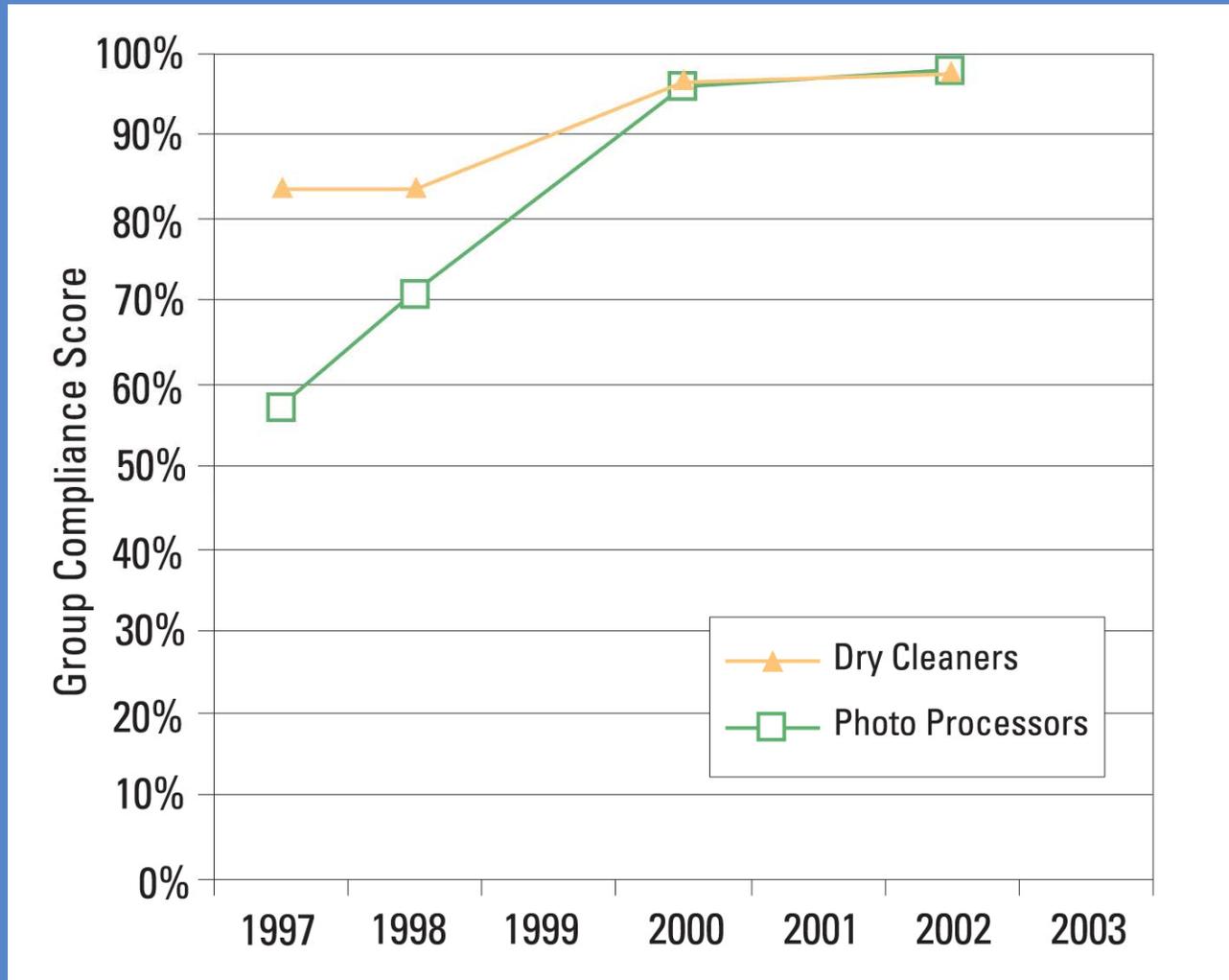
- **FL inspectors found "straight-A" auto repair facilities rose 17 percentage points after two rounds of self-certification**
 - "Straight-A" = No violations of any kind
- **MA uses a "group compliance score" as its primary measure**
 - Shows the extent to which facilities are achieving EBPIs
 - Can show improvement, even when facilities are not perfect

Improvements in MA Group Compliance Scores



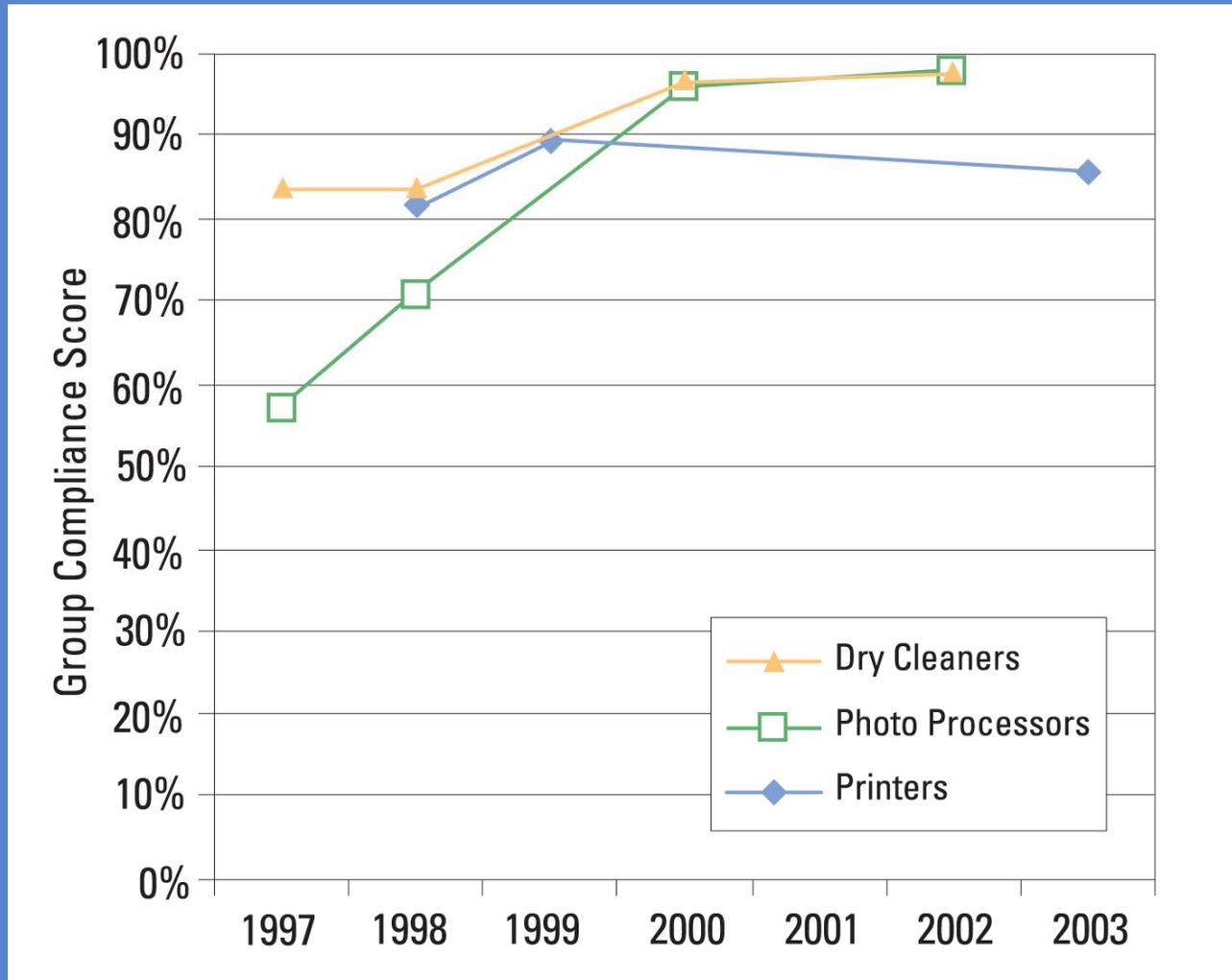
Explanatory notes for figure available in ERP 2007 Report and Executive Summary.

Improvements in MA Group Compliance Scores



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Improvements in MA Group Compliance Scores



Explanatory notes for figure available in ERP 2007 Report and Executive Summary.

Progress on Measures of Environmental Improvement

- MA has experimented with estimating environmental outcomes based on ERP data
- Dry cleaners: approx. 30% reductions in waste and emissions of toxic perchloroethylene
 - Occurred between first certification and second certification
 - Outcome a factor in EPA's "credit" decision
 - MA received flexibility in applying enforcement resources to nontraditional problems and approaches

Why Do These Improvements Happen?

- **Mix of Compliance Assistance, Self-Certification and Agency Verification**
 - Plain-language materials help facilities understand requirements
 - Facilities more capable and driven to improve performance
 - Facilities hold themselves more accountable
 - More collaborative, trusting relationship with the agency
- **Key ERP measure: Return-to-compliance plan submission rate**
 - Surprising numbers of facility self-declared violations
 - e.g., 20% of all RI auto body shops submitted at least one RTC plan

Why Are States Adopting ERP?

- **Cost Effectiveness**
 - Performance at least as good as that of traditional approaches
 - Substantially less cost over time
- **Improved resource targeting with rich ERP data sets**
- **Decreased need for enforcement over time**
- **Economies of scale with statistics and automation**
- **Stakeholder measurement demands**
- **Businesses support a more level playing field, clearer obligations**
- **Public supports the often visible improvements**

ERP's Future: Applying Subsets of ERP Tools

- **ERP Measurement Approach: Multi-State Common Measures Project**
 - Common indicators for a regulated group (SQGs) and auto body shops
 - Statistical performance measurement by participants
 - Allow benchmarking of different policy approaches, across participants
- **Credible Certification-Only Approaches**
 - Show promise when full ERP not feasible
 - MA increased control of dental mercury discharges by hundreds of pounds
 - MA increased control of gas-station VOC emissions by thousands of tons
 - Self-certification and third-party certification

ERP's Future: Leadership from New Consortium

- **States ERP Consortium**
 - Founded 2006
 - An official "forum" of Environmental Council of the States
 - 18 members (September 2007)
- **Goals:**
 - Communicating successes to build stakeholder support
 - Sharing information among practitioners
 - Expanding support within EPA & promoting ERP as a proven compliance strategy
 - Improving & disseminating tools for easier automation & measurement

Want to Learn More about ERP?

- Check out "ERP States Produce Results: 2007 Report on States' Experience Implementing the Environmental Results Program."
 - Executive Summary (May 2007)
 - 2007 Report (Expected Fall 2007)
- **Purpose of Report:**
 - Update the story of ERP
 - Identify ERP states and sectors
 - Describe results and other benefits of ERP
 - Discuss new directions within ERP community

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