



# Engaging with Safety Professionals on Environmental Issues

US EPA P2 Grantee Regional Roundtable

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Getting  
your  
Foot in  
the Door



AMERICAN SOCIETY OF  
**SAFETY PROFESSIONALS**

North Alabama Chapter  
Alabama Chapter  
Mobile Chapter

**Alabama Governor's  
Safety and Health Conference**

**Enjoy Networking With  
Other Safety & Health  
Professionals**



**Shoals Chapter SHRM**

Affiliate of the Society for Human Resource Management  
*Florence, AL*

Shoals Safety and  
Health Association

# THE E IN EHS

AKA



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THE UNIVERSITY OF ALABAMA  
College of Continuing Studies

# THE KNOWN UNKNOWNNS OF ENVIRONMENTAL REGS

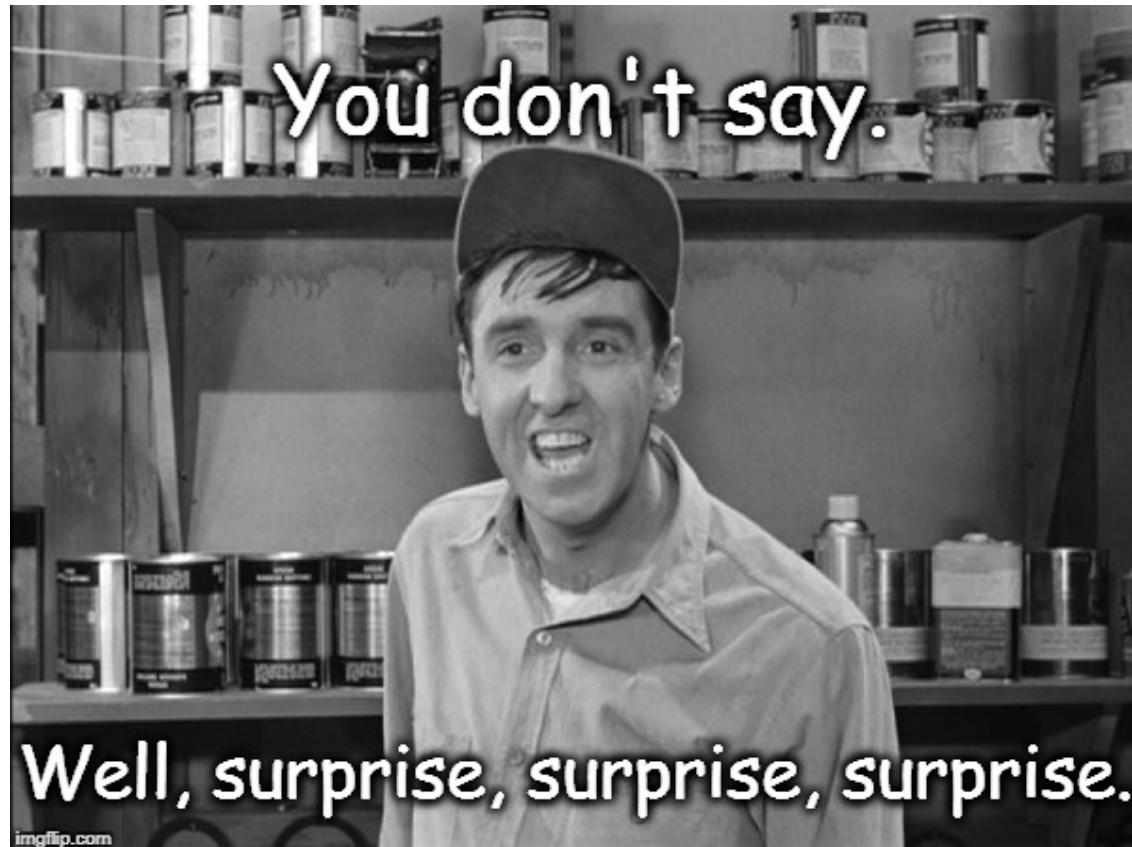


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What we often see...

**“YOU ARE THE NEW ENVIRONMENTAL MANAGER!”**



# Typical Topics Covered

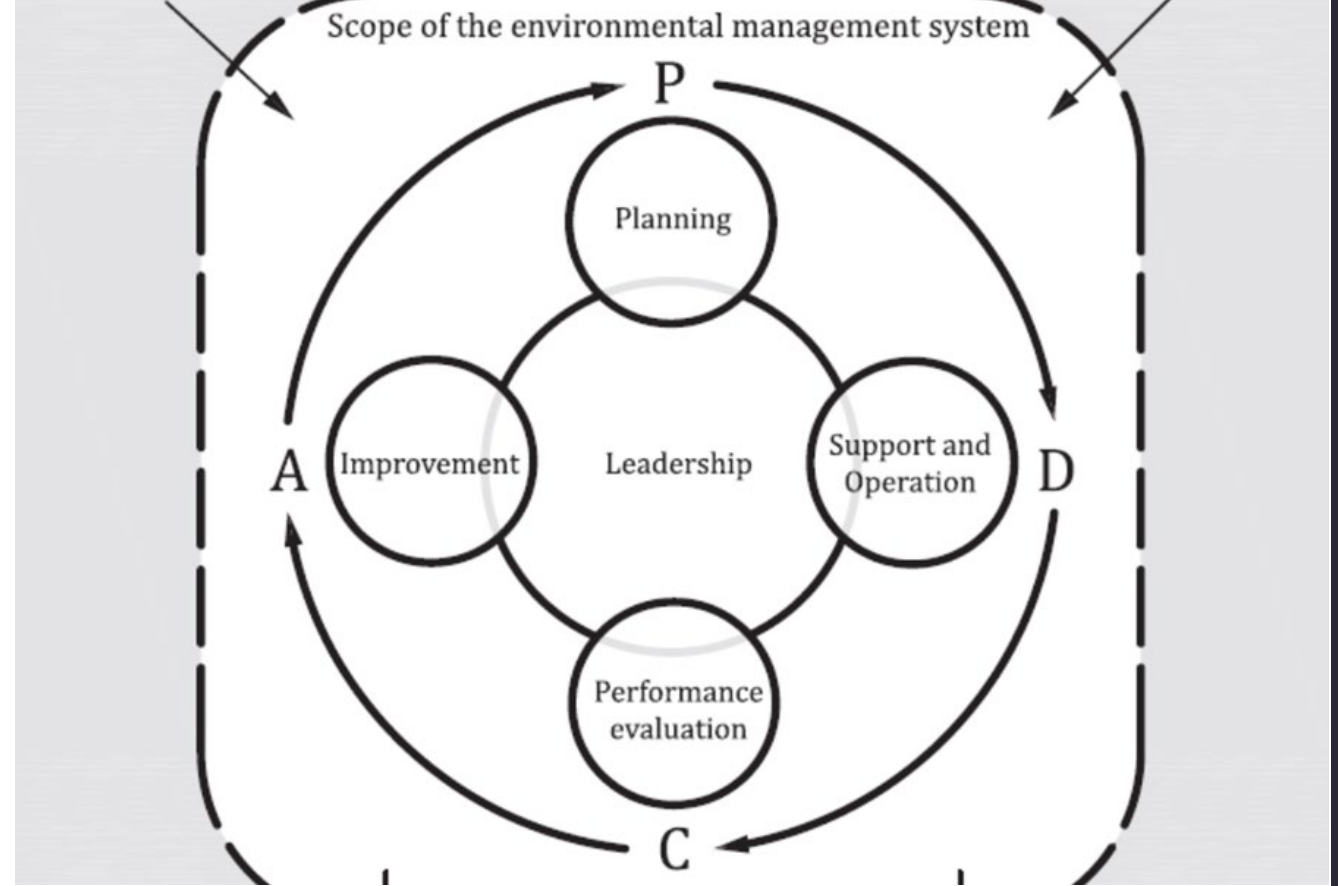
Facility Assessment Approach

Common Non-Compliance Issues

Auditing Strategies

Environmental Aspects

Going Beyond Compliance (P2)



It's not just about compliance!

- Get help from the UA P2 and IAC Program







Is a lack of employee awareness costing you money?



*The materials in the yellow box DO NOT belong in a hazardous waste bin!*



It costs **50 Times** more to dispose of these materials if they land in this bin and do not belong.

*\$2.83/bag vs \$140.77/bag to dispose!*



**Approx. 25 bags per day!!**



# P2 Program

Dairy Manufacturing Facility Example:

Met and networked with facility safety and health officer at an ASSP meeting.

They engaged with UA SafeState to perform a P2 Assessment to help meet corporate environmental goals.



# Facility Issue

Dairy Manufacturing Facility Example:

Two carton filling machines were observed discharging water to the drain while not in production.

Facility personnel said that this discharged continuously. We measured a rate of 1 gallon per 41 seconds!

# Insightful Recommendations

Dairy Manufacturing Facility  
Example:

## P2 Recommendation

Install a solenoid or actuator so that water only runs as needed to dilute H<sub>2</sub>O<sub>2</sub>.



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# Success Story: Pollution Prevention Program

Dairy Manufacturing Facility Example:

Cost to Implement: < \$100

Water Waste: 868,844 gallons

Annual Savings: \$11,837

**Facility shared and implemented this  
recommendation at their other facilities!**

## Facility Testimonial

*“If you are looking for ways to improve your overall footprint, then The UA SafeState P2 program is the way to go. UA SafeState was a tremendous resource for determining sustainable solutions in energy, water, and waste for the plant. The team was easy to work with and provided great feedback to our plant team.”*

# Regular Email Blasts (*Not Spam*)



**Are you looking to reduce waste in your daily operations and potentially save some money?**

With a federal [Pollution Prevention \(P2\)](#) grant UA SafeState, a division of the College of Continuing Studies at The University of Alabama, is seeking interested partners in the automotive manufacturing sector.



# Maintaining Online Presence Website, Social Media, Etc.

Pollution Prevention (P2)  
Program

Mission

Our goal is to ensure that a business can yield an economic advantage while also protecting public health and the environment.

Making Alabama businesses as economically efficient as possible, create jobs and improve Alabama's economy.



Pollution Prevention Program

[www.alabamasafestate.ua.edu/pollutionprevention](http://www.alabamasafestate.ua.edu/pollutionprevention)

To learn more and sign up to receive a free P2 evaluation, contact the

## About the P2 Program

Partially funded by a grant from the U.S. EPA, the UA SafeState P2 Program assists businesses with technical assistance and training to find ways to reduce waste and save money. The assessments examine energy efficiency, water conservation, chemical use and waste reduction opportunities.

For participating businesses, UA SafeState is committed to conduct a FREE in-depth assessment of plant operations from a pollution control and prevention standpoint. UA SafeState will identify all reasonable cost savings measures to assist

# Creating Versatile & Sharable Content

**U.S. For Students**

## Benefits of Implementing P2 Strategies

- 1. Increase student engagement
- 2. Increase student achievement
- 3. Increase student motivation

Decrease Costs

Costs

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