



Environmental Stewardship Program

Recognizing GHG Reduction and More!

Air & Waste Management Association

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ESCOM



- **VOLUNTARY**
- **NON-REGULATORY**

enHance Objective

“To encourage voluntary environmental stewardship by recognizing committed environmental leaders, thus nurturing the reduction of waste and conservation of resources, resulting in long term economic benefits and continuous environmental enhancement.”



BACKGROUND



- MDEQ signed a Memorandum of Agreement with EPA
- MDEQ launched enHance in July 2008
- Cornerstone of the MOA was an Environmental Management System

ENVIRONMENTAL MANAGEMENT

Traditional concept

Environmental Management =
Meeting compliance requirements



Sustainable concept

Environmental Management =
Exceeding compliance requirements



EPA NATIONAL & REGIONAL PRIORITY FOR POLLUTION PREVENTION

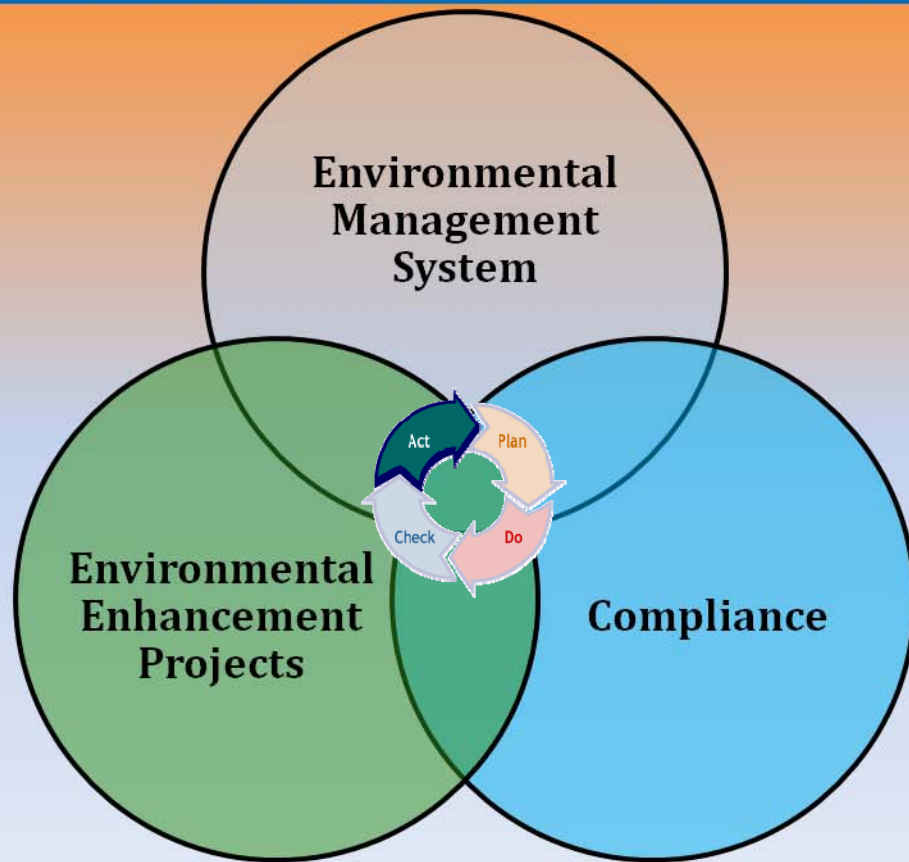
EPA believes that EMS's, if implemented properly, can serve as a valuable tool to help organizations:

- *improve their environmental performance
(reduce impacts)***
- *increase the use of pollution prevention
(reduce costs)***
- *improve compliance
(reduce liability)***





Recognizing Environmental Leaders



enHance Membership

Levels of Membership

Associate

Steward

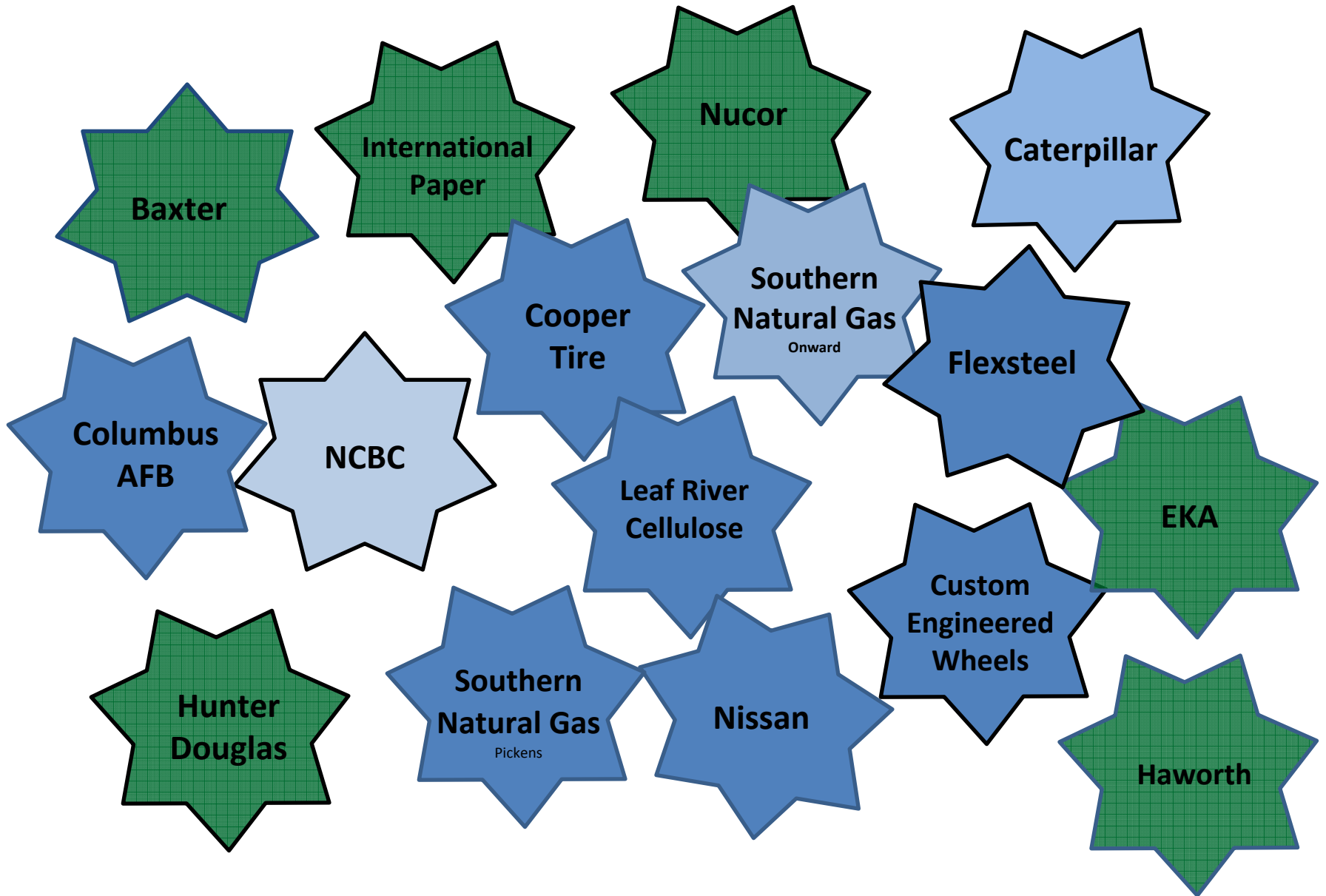
Leader

Dependent upon:

**Environmental Management Plan
or
Environmental Management
System**

**Projects Resulting in Improvements
to the Environment**

enHance LEADERS



ENERGY

“A 2010 study by Gartner found that many large organizations primarily focus their **environmental initiatives** on **energy efficiency** and are still in the early states of the implementation of such projects”

ENVIRONMENT



enHance Projects

- Energy Efficiency

Reduced energy use = Reduced GHG emissions

- Zero Landfilled Waste/ Solid Waste Reduction

enHance encourages the use of associated EPA Tools for reporting results



ENERGY STAR

Industry Challenge

- The U.S. manufacturing industry is responsible for nearly 30 percent of greenhouse gas emissions in the United States and spends nearly \$100 billion annually on energy.
- If the energy efficiency of industrial facilities improved by 10 percent, EPA estimates businesses would save nearly \$10 billion and prevent greenhouse gases emissions equal to the annual emissions of approximately 12 million vehicles.



ENERGY STAR

Portfolio Manager

- Designed to provide users with the ability to record, track, and communicate the GHG emissions associated with the energy use of their buildings.
- Methodology consistent with the Greenhouse Gas Protocol³ developed by the World Resources Institute and World Business Council for Sustainable Development,
- Compatible with the accounting, inventory and reporting requirements of Environmental Protection Agency's (EPA) Climate Leaders program, as well as other state and NGO registry and reporting programs



Waste Reduction Model (WARM)

The Waste Reduction Model (WARM) helps solid waste planners and organizations estimate greenhouse gas (GHG) emission reductions from several different waste management practices.



enHance & Sustainability

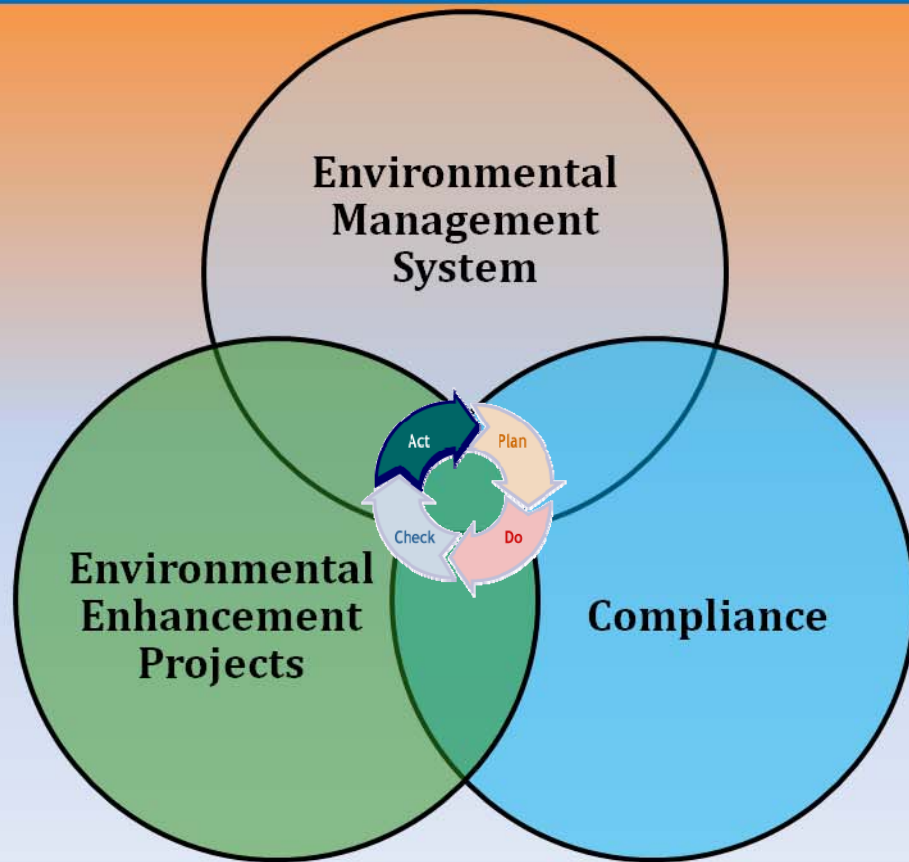


The TRIPLE BOTTOM LINE is an Emerging Standard for Public and Nonprofit Accounting that considers Three Larger Factors:

People
Planet
Profit



Recognizing Environmental Leaders



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