

# *Providing resources to support Virginia's Industries: A sustainability challenge for VA manufacturers*

Developed by:



## Program Features

- A State-wide platform tailored to
  - Virginia manufacturing
  - Virginia policies
  - Industry only
- “Accredited” showcase of your sustainability to your
  - Customers
  - Suppliers
  - Employees
  - Corporation
  - Community
- Goal: to recognize your value-added sustainable programs
  - Already implemented
  - New programs to enhance



## Participation Benefits

- Friendly competition
- Recognition Program
  - Tied to the development of your company's sustainable goals
  - Manufacturer-defined business relevant criteria
  - Promote your own and Virginia's green goals
  - Peer and community recognition
  - VMA and VDEQ
- Establish tools for use by manufacturers
  - Best Practices Forum
  - Industry Benchmarking
  - Sustainability Roundtables
  - Facilitate Supply Chain needs



## Development Collaborators

VMA and its members:

DuPont

Smithfield

Northrop Grumman

Georgia Pacific

MeadWestvaco

VDEQ

O'Brien & Gere

Trane

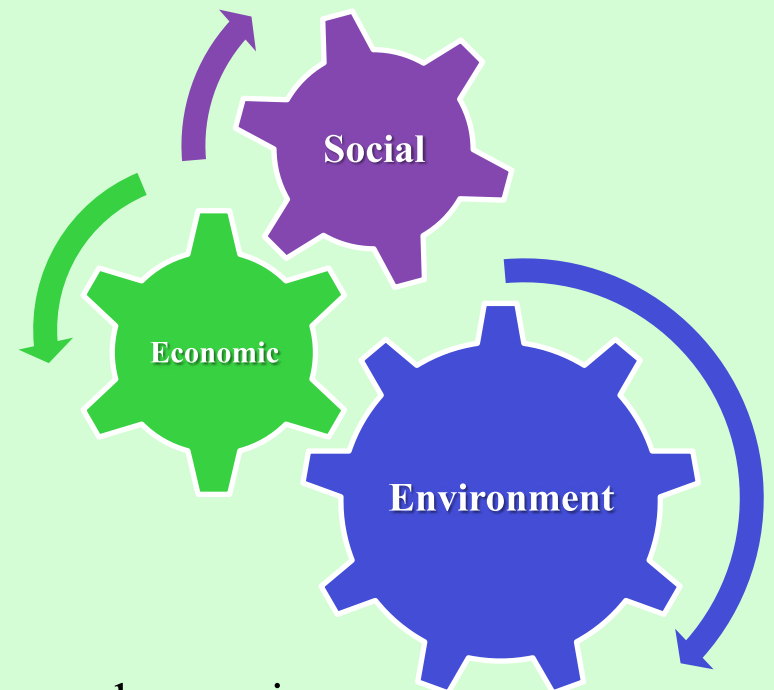
Wyatt Partners



## Sustainable Value

### A focus on

- Innovation
- Technology
- Triple bottom line success
  - Economic
  - Environment
  - Social



### Substance and metrics

- Not "green washing"
- Web-based: Not a paperwork exercise
- Closely tied to real time and current issues
- Meets the needs of the manufacturing community





SOCIAL · ENVIRONMENT · ECONOMIC

Category & Section	Total Available Points
<b>Environment</b> 1. Energy Management 2. Air & Climate 3. Water Management 4. Materials Handling, Waste Reduction and Recycling 5. Land, Buildings and Grounds Including Biodiversity 6. Operations, Supply Chain, and Procurement 7. Transportation	100 65 115 145 80 130 95
<i>Environment Category Subtotal</i>	730
<b>Social</b> 8. People 9. Product	80 125
<i>Social Category Subtotal</i>	205
<b>Commitment</b> 10. Leadership	105
<i>Commitment Category Subtotal</i>	105
<b>TOTAL :</b>	<b>1040</b>

HOME

ASSESSMENT

BEST PRACTICES + RESOURCES

TRAINING

TIPS

ASK THE EXPERT

FAQS

GLOSSARY

ABOUT US

## SURVEY OVERVIEW

### Energy Management

		Total Possible Points
1	Conduct an energy assessment and/or audit of your operations to identify opportunities for improvement.	15
2	Implement an Energy Improvement Plan (EIP).	10
3	Establish an energy baseline of your facilities using an assessment tool such as the USEPA's Energy Star program.	10
4	Build an energy efficiency culture to include an empowered energy director, team or function, reporting into executive leadership.	15
5	Use power from renewable energy sources or install renewable energy technology (e.g., solar, wind, hydro, geothermal, or biomass) for use in your facilities.	20
6	Establish/maintain a policy to limit use of heated water unless absolutely necessary, recapture heat from water for reuse, or use alternative methods for water heating.	10
7	Establish a policy requiring the use of products that are Energy Star compliant.	10
8	Adopt a policy to ensure EPEAT registration and/or the use of Greenpeace Guide to Greener Electronics.	5
9	Publicize your energy efficiency improvements either via company website, company sustainability report or article in newspaper/journal with circulation of 1,000 or more.	5

[Register to Take Survey](#)

## AwardC riteria

Award recognition for firms that go “above and beyond”

Categories are yet to be determined, but could be tailored around:

- \* Products
- \* Programs
- \* Projects





## Smithfield Foods

- 50% water reduction in ham cooling process
- Cool ham at a certain rate
- Identified continuous water nozzle as opportunity
- Engineered new nozzle (wider) to reduce water usage AND improve cooling process
- Increase productivity; 40-50% more ham can be processed than previously

## Energy Projects

- Volvo
- BASF
- BAE Systems
- MeadWestvaco
- DuPont
- Merck
- Many to be highlighted at VCU Energy & Sustainability Conference, January 30<sup>th</sup> & 31<sup>st</sup>

## A Recognition Program

Designed for Manufacturers



Supporting the needs of Manufacturers

Specific to Virginia



Sponsored by VMA



Supported by VDEQ



A Focus on the Future

