



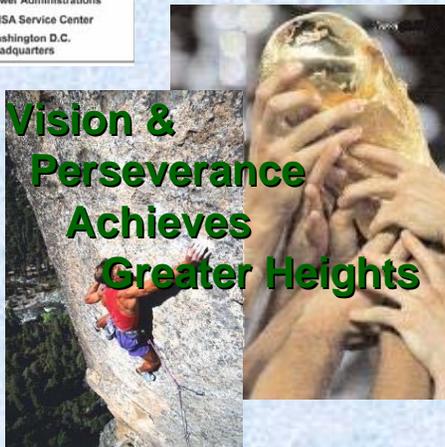
The Office of Health, Safety and Security (HSS) is the Department of Energy's (DOE) central organization responsible for health, safety, environment, and security; providing corporate-level leadership and strategic vision to coordinate and integrate these vital programs.

HSS is responsible for policy development and technical assistance; safety analysis; corporate safety and security programs; education and training; complex-wide independent oversight; and enforcement. The Chief Health, Safety and Security Officer advises the Secretary and the Deputy Secretary on all matters related to health, safety and security across the complex.



- LEGEND:**
- Operations Offices
  - ▼ Production/Cleanup
  - Laboratories
  - Field Offices
  - ▼ Site or Project Offices
  - Special Purpose Sites/Offices
  - ▲ Power Administrations
  - ◆ NNSA Service Center
  - Washington D.C. Headquarters

**Vision & Perseverance  
Achieves  
Greater Heights**



### Our Stakeholders

- Labor Unions/Workers
- Local Communities/General Public
- Contractors
- Universities/Academic Institutions
- Professional Associations
- Industry
- National Laboratories
- State and Local Governments
- Federal Agencies
- DOE-Headquarters/DOE Sites

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## Sustainability Outreach Program

Our Goal:

Engage in a dialogue and exchange of ideas related to sustainability management practices at DOE

### What is Sustainability?

A recognized business approach, *sustainability* is a management model intended to allow an organization to systematically evaluate its ability to achieve its mission within a framework of changing internal and external conditions



## Why Sustainability at DOE?

As reflected in its mission statement, "*Discovering the solutions to power and secure America's future,*" DOE has a vital role in ensuring the nation meets its energy, scientific, environmental, and national security goals. To meet its mission, DOE must remain at the forefront of technology and creative thinking which is critical to the nation's global competitiveness and national security.

Applying the approach of sustainability to DOE's management practices will enable senior executives to capture a full and integrated picture of how the Department is performing within the context of its mission and the constraints of its resources, thereby ensuring the Department's continuing effectiveness in achieving its mission in an increasingly global and diverse business climate.

## Sustainability Outreach Program

To ensure that the approach of corporate sustainability is successfully introduced and accepted by the DOE community and stakeholders, HSS is pursuing the Sustainability Outreach Program to seek collaborative research and information exchanges leading to innovative technologies, services and procedures. As many DOE organizations are managed by private companies, DOE should consider adopting the management models that industry incorporates.

This collaboration – with the best-in-class in industry, academia, workers, and the local community – is essential for DOE's future effectiveness and value.

### U.S. Strategic Initiatives

*American Competitiveness Initiative  
Advanced Energy Initiative  
National Security Initiative  
Economic Strategy  
Manufacturing Initiative  
Defense Industrial Base  
Educational Initiative  
Nanotechnology Initiative  
21<sup>st</sup> Century Sea Power  
DOE Strategic Plan*

## DOE Sustainability Elements

The twelve elements most relevant to DOE's mission:

- 1. Infrastructure:** the basic framework or foundation of an organization or system
- 2. Human Capital:** the appropriate knowledge, training, experience, and personnel development to support the Mission
- 3. Safety:** the appropriate level of safety for the workforce, customers, community, stakeholders, and environment
- 4. Security:** the appropriate level of effort and control assets
- 5. Environmental Stewardship:** the appropriate awareness of environmental risks, impact, and prevention in all activities
- 6. Leadership and Organizational Transformation:** the assurance of monitored teamwork, leadership, competency, development, and accountability
- 7. Mission and Markets:** the ability to monitor, understand, and respond or adapt to market conditions
- 8. Legal and Licensing:** tracking systems to ensure compliance with legal and licensing requirements
- 9. Stewardship, Good Governance, and Reputation:** the culture and reputation of excellent community relations and balance governance of all management activities
- 10. Acquisition, Procurement, and Supply Management:** expertise in acquisition and contracting areas to support the mission
- 11. Science, Technology, and Innovation:** the achievement of a balance in faster technology development and long-term research science
- 12. Business Systems:** the ability to solve problems systematically to measure performance against industry, national, or international standards

## What can Sustainability do for an Organization?



The Dow Jones Sustainability index measures the activities of best-in-class industry leaders on a global and regional level. **The Dow Jones Sustainability North America Index captures the leading 20% in terms of sustainability**

**out of the largest 600 North American companies of the Dow Jones Global Index.**

The Dow Chemical Company sets challenging sustainability goals intended to focus their efforts on strengthening the relationships within the communities where they operate, continuing to improve their product stewardship and innovation to solve some of the world's most pressing problems, and to reduce their global footprint.

DuPont fully integrates sustainability into its business goals – from reducing its environmental footprint to including 'market-facing' goals, intended to turn technology development into products to meet the customer's needs. DuPont's sustainability activities work to increase shareholder value while striving for a goal of zero safety and environmental incidents.

## Sustainable Organization Attributes



- Full and integrated view for effective decision-making
- Efficient/effective issue resolution
- Analysis driving organizational performance
- Performance assurance
- Integrated flow of information and knowledge (transparency with discernment)
- Governance and management of the critical few at the top level
- Situational awareness