

DuPont Safety

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Safety Management Systems
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Bill Mooney
VP Operations Excellence
DuPont Sustainable Solutions



The miracles of science™

DuPont Core Values

Safety and Health. We share a personal and professional commitment to protecting the safety and health of our employees, our contractors, our customers and the people of the communities in which we operate.

Environmental Stewardship. We find science-enabled, sustainable solutions for our customers, always managing our businesses to protect the environment and preserve the earth's natural resources both for today and for generations into the future.

Respect for People. We treat our employees and all our partners with professionalism, dignity and respect, fostering an environment where people can contribute, innovate and excel.

Highest Ethical Behavior. We conduct ourselves and our business affairs in accordance with the highest ethical standards and in compliance with all applicable laws, striving always to be a respected corporate citizen worldwide.

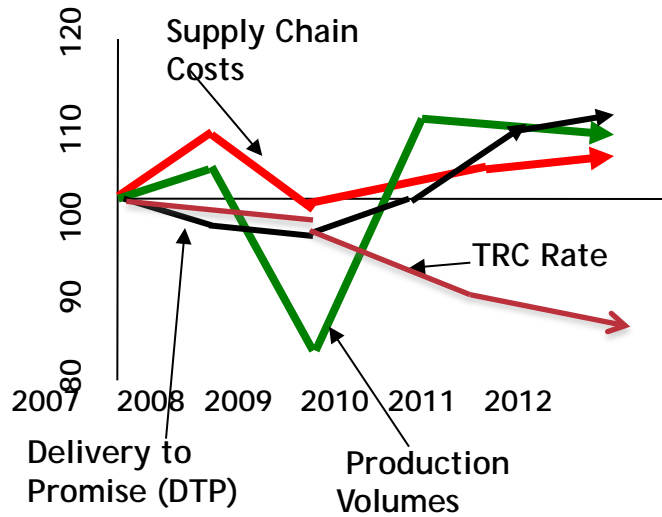


“Committed to ZERO”

Our Purpose

DuPont is a science company. We work collaboratively to find sustainable, innovative, market-driven solutions to solve some of the world's biggest challenges, making lives better, safer, and healthier for people everywhere.

DuPont Global Integrated Operations – At a glance



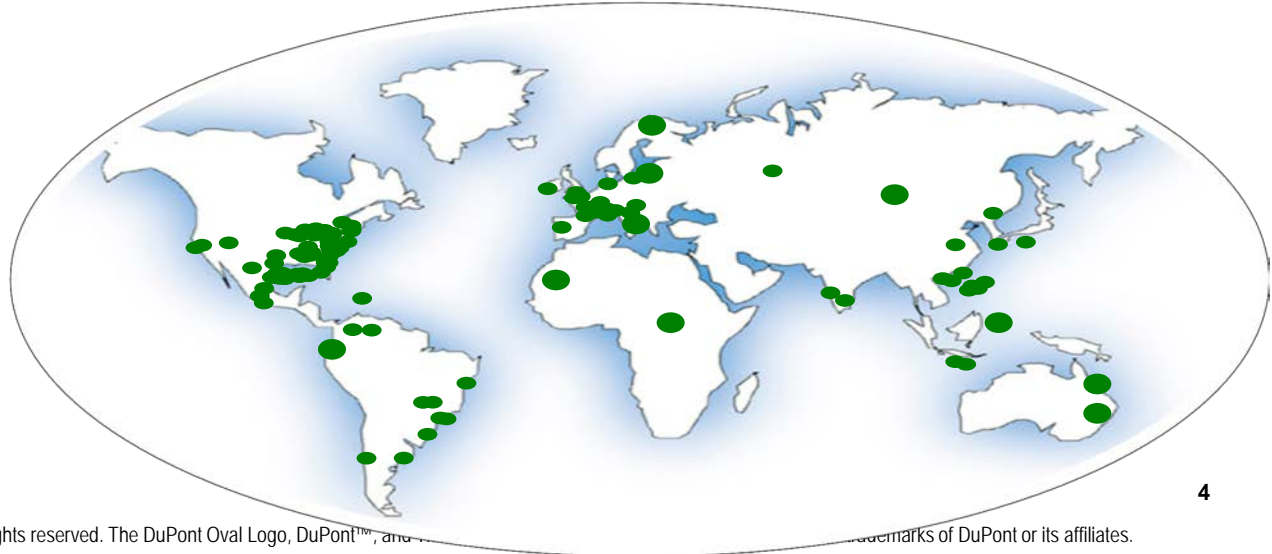
Diverse Operations

- Seeds
- Discrete Parts
- Food Additives
- Industrial Biotech
- Film production
- Polymer and Fiber Production
- Mining operations
- Pigments Production
- Consumer goods
- Electronic materials
- Continuous chemical process
- Fine and custom chemicals
- Fluorine Chemicals

DuPont Sustainable Solutions

DuPont Integrated Operations Worldwide

| | |
|---------------------------|----------------------|
| Reporting Segments | 6 |
| 2012 Revenue | \$38B |
| Global Supply Chains | 108 |
| Plant sites | 239 Sites |
| Warehouses | 740+ |
| Shipping | Major Container user |
| Employees (approx.) | 38,000+ |
| Countries | 45 |
| Contract operations | ~1100 Sites |
| New Product Launches | 5%-25% |
| Annual Gross Productivity | > \$1B per year PTOI |



The DuPont Commitment: Safety, Health and the Environment

The core direction of DuPont is Sustainable Growth—the creation of shareholder and societal value while we reduce our environmental footprint along the value chains in which we operate. Through this Commitment to safety, health and environmental excellence, we affirm to all our stakeholders, including our employees, customers, shareholders and the public, that we will conduct our business with respect and care for the environment. We will implement those strategies that build successful businesses and achieve the greatest benefit for all our stakeholders without compromising the ability of future generations to meet their needs.

We will continuously improve our practices in light of advances in technology and new understandings in safety, health and environmental science. We will make consistent, measurable progress in implementing this Commitment throughout our worldwide operations and support Responsible Care® as a key program to achieve this Commitment.

Topics covered in the commitment...

- **Highest Standards of Performance, Business Excellence**
- **Goal of Zero Injuries, Illnesses and Incidents**
- **Goal of Zero Waste and Emissions**
- **Conservation of Natural Resources, Energy and Biodiversity**
- **Continuously Improving Processes, Practices and Products**
- **Open and Public Discussion, Influence on Public Policy**
- **Management and Employee Commitment, Accountability**

Responsible Care[®] Global Charter







The global Responsible Care initiative is “an inspiring model of voluntary self-regulation for other industries to consider following.”

Former UN Secretary General Kofi Annan








SHE Governance



Policy

-  S1Z – DuPont SHE Protocol
-  S2Z – DuPont SHE Commitment
-  S3Z – Responsible Care
-  S4Z – Supplemental SHE Policies

Governing Bodies

-  Environmental Policy Committee
-  Sustainable Growth Council
-  Safety, Health and Environmental Growth Center
-  Product Stewardship Council
-  Responsible Care Core Team

Standards and Guidelines

-  84 SHE Standards
-  36 SHE related Engineering Standards

SHE Principles – S26G

DuPont safety is built upon nine principles which provides an important and time-tested foundation for our core value commitment to provide a safe work environment.

- All injuries and illnesses can be prevented.
- Management is responsible.
- All operating exposures can be controlled.
- Safety is a condition of employment.
- Training employees to work safely is essential.
- Audits must be conducted.
- All deficiencies must be corrected promptly.
- Employee involvement is essential.
- Off-the-job safety is an important part of the safety effort.

S26G – 1.2 Management is Responsible

1.2 Management is responsible

Management, which includes all levels from the **chief executive officer to the first-line supervisor**, is responsible for preventing injuries and illnesses.

Safety and health is a line-management responsibility; it **cannot be delegated** to a staff group or to a government agency. Only when senior management exerts sustained leadership in establishing safety goals, demanding accountability for safety and health performance and providing necessary resources, can a safety and health program be effective in an industrial environment.

Proper safety and health management necessitates involvement. **The lead must come by example** rather than rhetoric alone. At DuPont, the chief executive officer of the company is the chief safety officer. The DuPont chairman, as well as the other senior executives, set the safety and health standards for the entire company. It follows that plant managers are responsible for the safety of all workers on site and each supervisor must accept responsibility for the safety and health of the employees under their direction.

Excellence in Safety: 22 Elements



Risk Management

- Personnel
- Facilities
- Technology

Culture

- Leadership
- Organization
- Processes & Actions

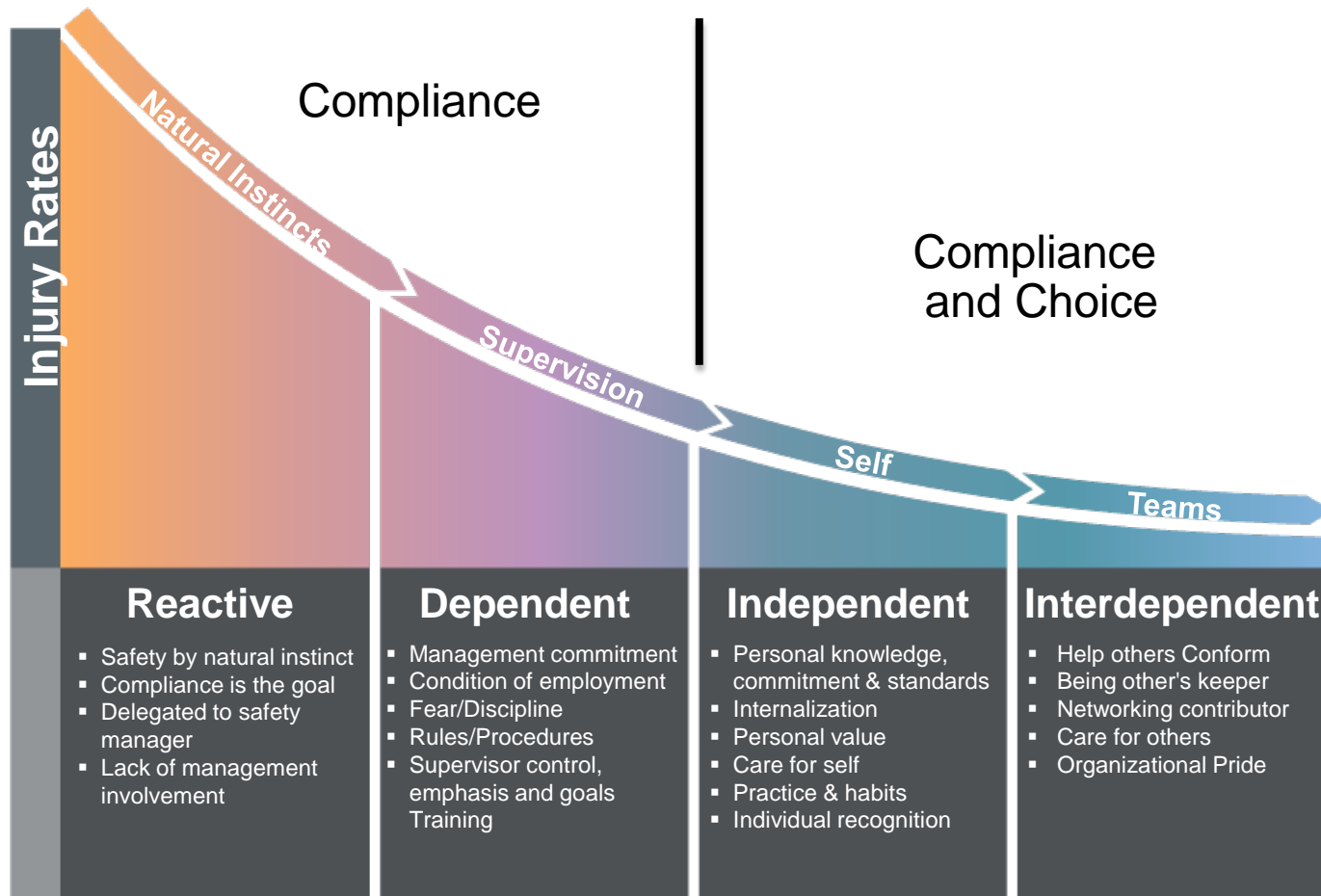
The DuPont Holistic Approach



Required Leadership Competencies



The DuPont Bradley Curve

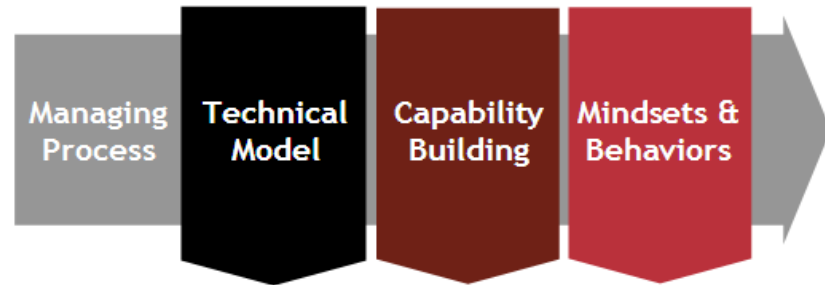


Operational Excellence is a must...



The best system in the world, poorly executed, is worthless

Continuous Improvement Drives Sustainability



To ensure sustainability and continuous improvement of results, DuPont employs an integrated management system that fully develops people and organizational capability for effectiveness and creativity in utilizing assets and eliminating all waste. This system, deployed at over 200 DuPont sites and at a multisite petrochemical client in Russia, is a general framework designed for sustainability, has four major blocks:

- **Technical Model** - foundational processes, standards, tools, best practices and methods focused on optimizing equipment and manufacturing process, common assessment and problem solving tools
- **Capability Building** - Insuring managers and specialists are equipped with the right knowledge, and assessment, training, development processes are in place, as well as effective knowledge sharing
- **Mindsets and Behaviors** - engagement of all levels of the organization, developing motivation for employees to apply the best available technical tools and their skills and capabilities to achieve individual and company goals
- **Managing Process** - integrating all of the elements into effective operational process with transparent performance and talent management mechanisms, including Business Objectives Key Performance Indicators cascade to the shop floor level



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Bill Mooney – Vice President, DuPont Sustainable Solutions

Bill is the Vice President, Sustainable Operations - DuPont Sustainable solutions. He has worked for DuPont for 35 years serving in a variety of Business Management, Operations, Supply Chain, Finance, and Technical roles. In 2006 and 2007, Bill served as the DuPont's Operations Competency Leader where he led the effort to develop and deploy DuPont's Production System (DPS).