

# DuPont case study

Building a Competitive Advantage through  
Sustainable Growth

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**Navigating Sustainable Business Journeys**

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**DuPont Sustainable Solutions**  
SUSTAINABLE OPERATIONS



*The miracles of science™*

# Core value contact

- ❑ Powder mill operation began in 1802.
- ❑ First safety rules established in 1811.
  - ❑ *Safety is a line management responsibility.*
  - ❑ *No employee may enter a new or rebuilt mill until a member of top management has personally operated it.*  
—E. I. du Pont
- ❑ Safety statistics began in 1912.
- ❑ Belief that all injuries are preventable developed in the 1940s.
- ❑ Off-the-job safety program began in the 1950s.



**At DuPont, our vision is to be the world's most dynamic science company, creating sustainable solutions essential to a better, safer, healthier life for people everywhere**



**We are a market-driven science company**

# DuPont identified 4 sustainability megatrends driven by population growth...



## Increasing Food Production



## Decreasing Dependence on Fossil Fuels



## Protecting Lives and the Environment



## Growing in Emerging Markets

## ...making sustainable growth the DuPont Mission

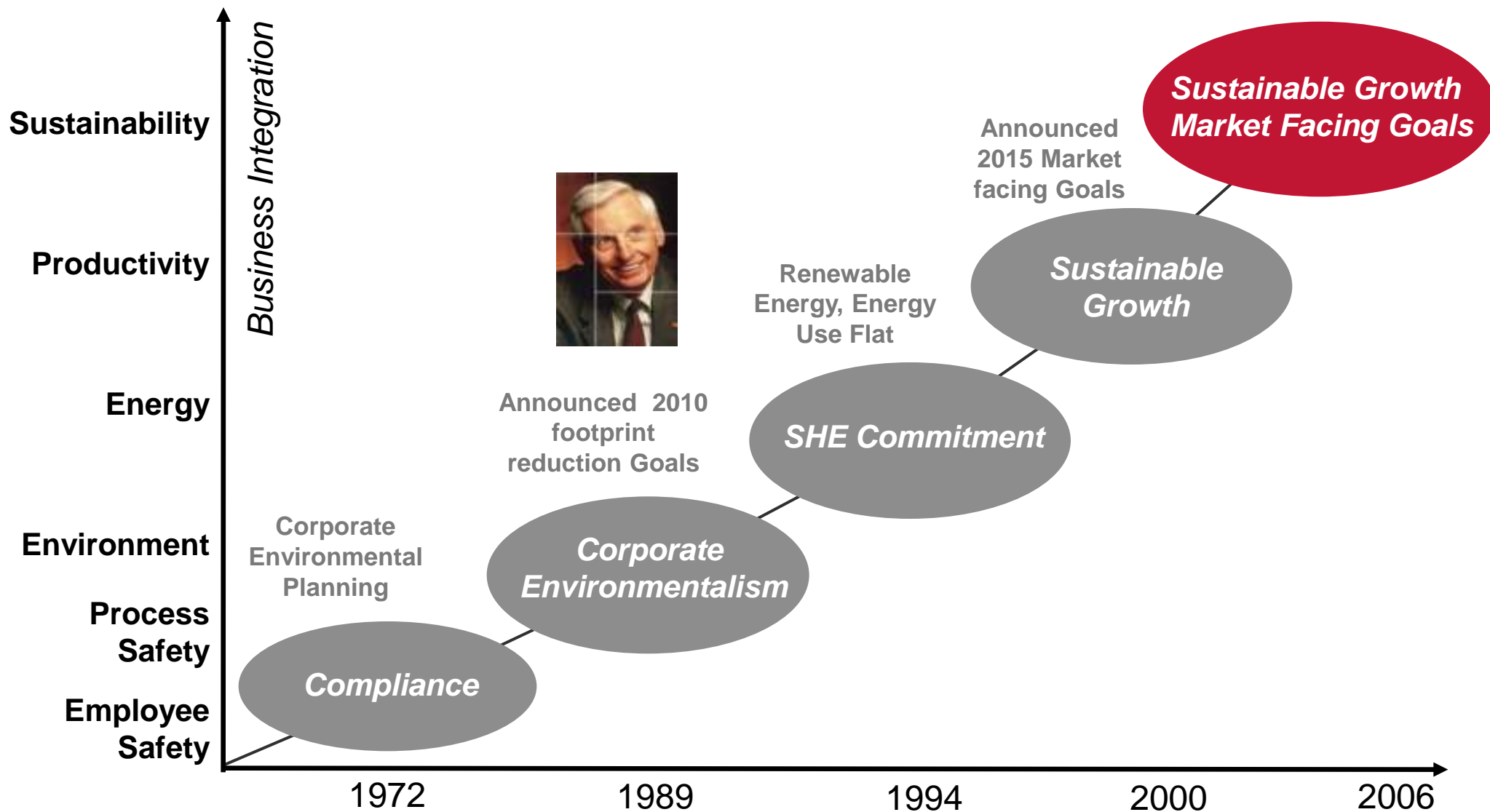
The creation of shareholder and societal value while we reduce the footprint along the value chains in which we operate



We define “footprint” as all injuries, illnesses, incidents, waste, emissions, use of water and depletable forms of raw materials and energy

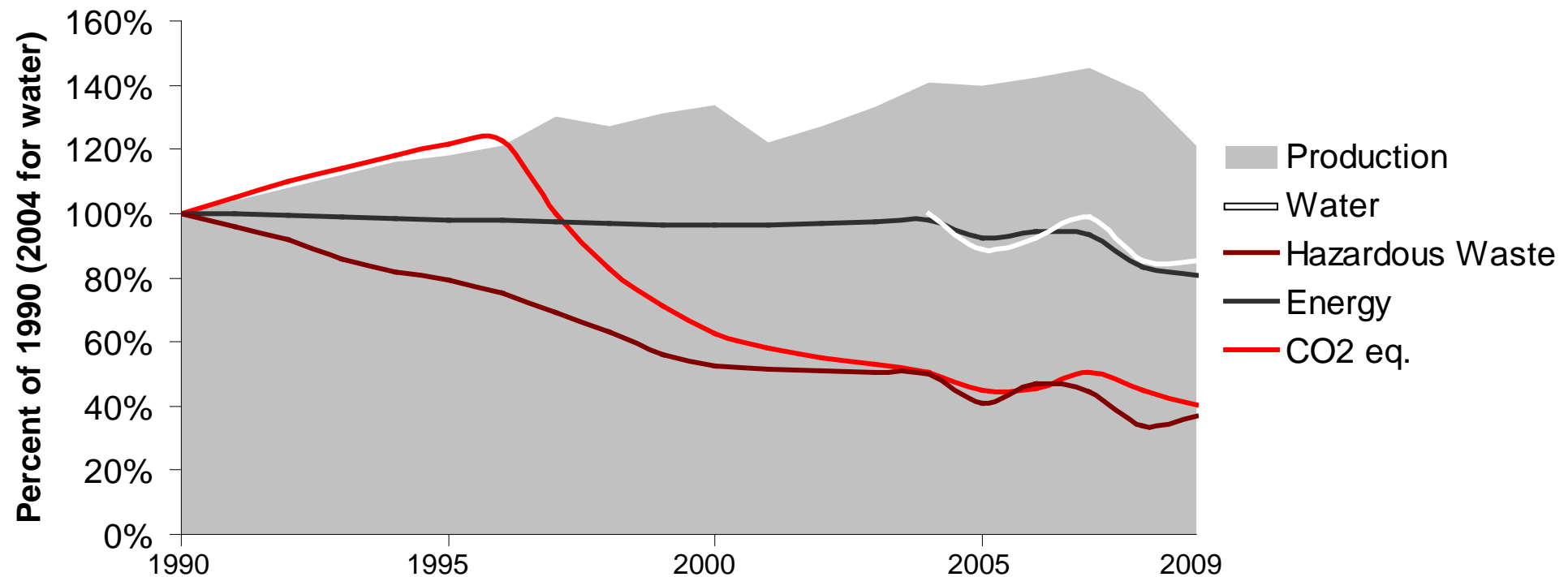


# DuPont journey on the sustainable growth path went from safety to sustainability...



...resulting in a significant environmental footprint reduction thanks to our operational experience

### Absolute Values



#### Reduction since 1990

Air Carcinogens	92%
U.S. TRI* "Releases"	77%
Air Toxics	75%

Cost savings: **Over \$6 Billion (USD)**

Industry recognition: **"Laggard" to "Leader"**

**>425<sup>th</sup> consecutive quarter dividend**

\* TRI = Toxic Release Inventory

Sources: DuPont Global Reporting Initiative (GRI) report, Yahoo finance



# DuPont provides the market with sustainable solutions...

**Sustainability is in the DNA of our offering**

## **Better Products**

Safer Renewably Sourced  
Alternative Energy Sources



## **Better and Safer Processes**

Reduced Waste  
Lower Energy Content



## **Smaller Footprint**

Recyclability  
Better Land Use  
Less Impact on Biodiversity  
Sustainability of supply chain  
Reduced injuries & incidents







*The miracles of science™*

