

# Moving 3M Toward Sustainability

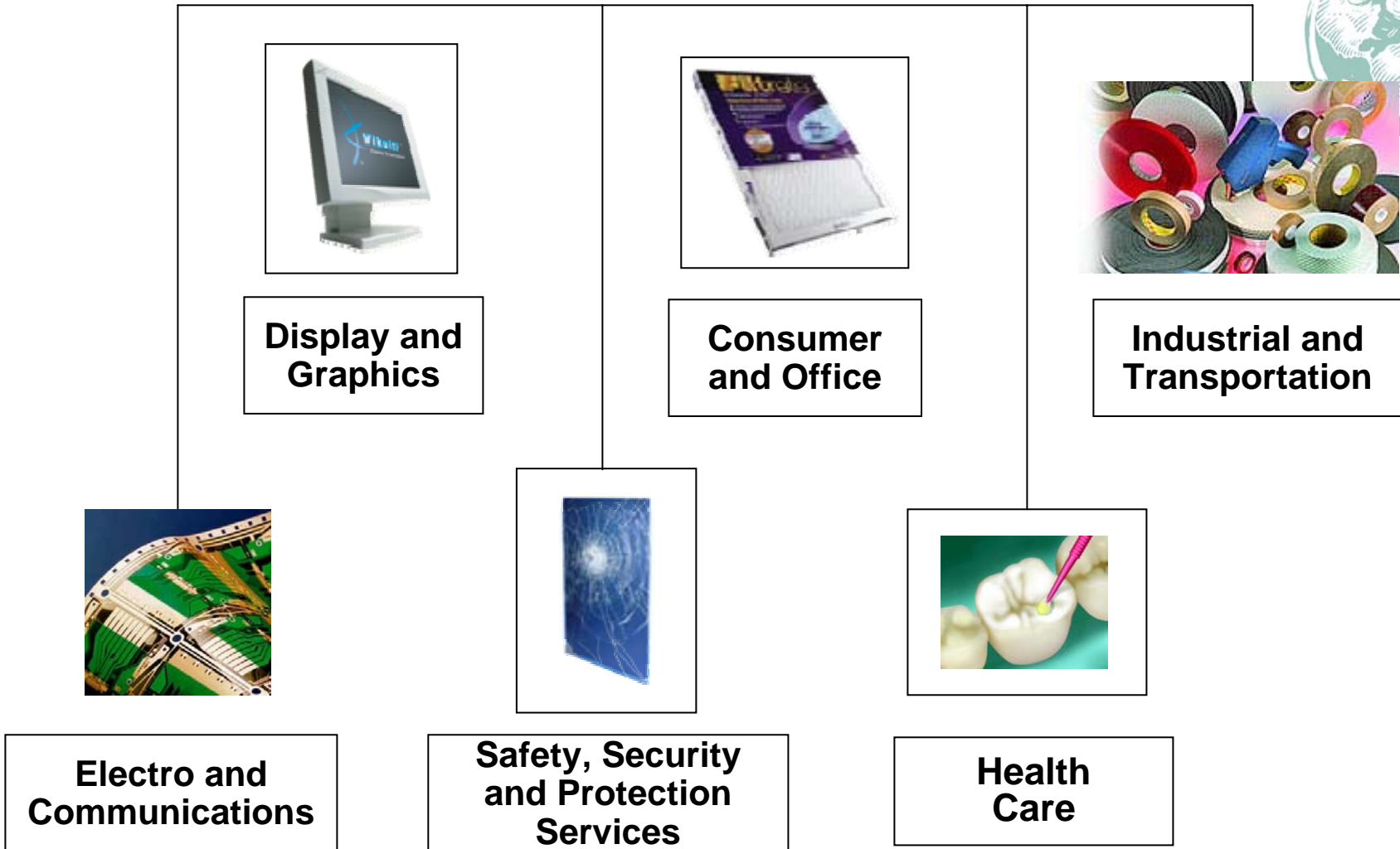
## Pollution Prevention Pays (3P)



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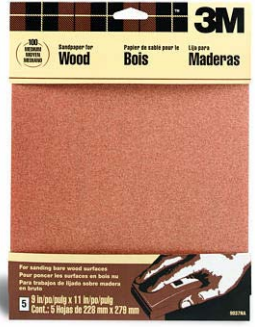


# Market Sectors



Pollution Prevention Pays (3P)

# 3M Products



## 3M Sustainability Principles



- Economic Success: Build lasting customer relationships by developing differentiated, practical and ingenious solutions to their sustainability challenges.
- Environmental Protection: Provide practical and effective solutions and products to address environmental challenges for ourselves and our customers.
- Social Responsibility: Engage key stakeholders in dialogue and take action to improve 3M's sustainability performance.

# Pollution Prevention Pays; A Revolutionary Idea

- 3P was introduced in 1975 by Joe Ling
  - *3M's Staff Vice President, Environmental Engineering, and Pollution Control*
  - *Pollution prevention is more environmentally effective, technically sound and economical than conventional pollution control equipment*
  - *The worldwide "Father of Pollution Prevention"*



*"Pollution is waste,  
and waste today  
leads to shortages  
tomorrow."*



# Pollution Prevention Methods



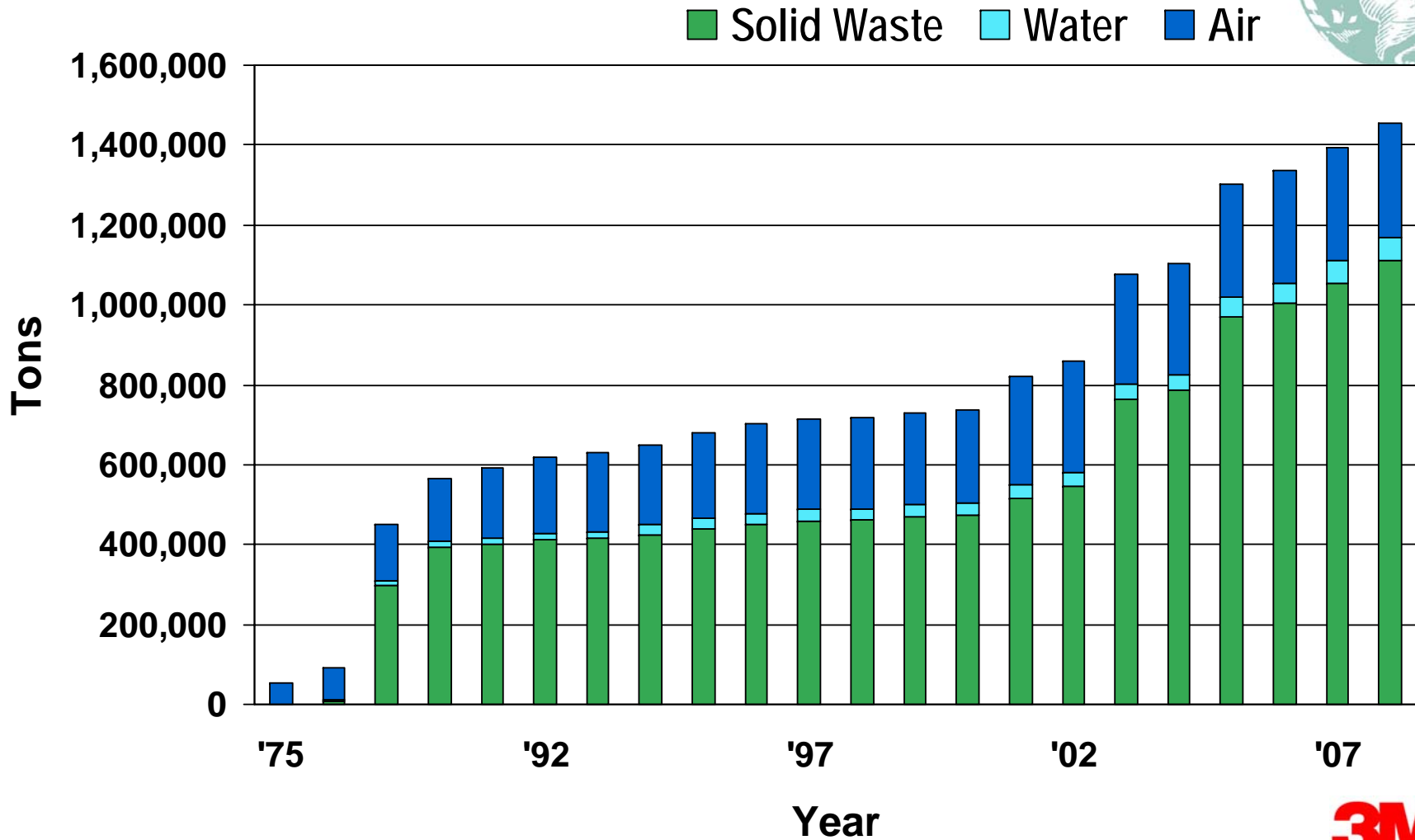
- Product reformulation
  - *Water-based vs. solvent-based coating*
- Process modification
  - *Removal of liner exchange process*
- Equipment redesign
  - *Installation of energy-efficient motors, heating, etc.*
- Productive use of waste materials
  - *Recycling scrap film back into the process*



Pollution Prevention Pays (3P)

# 3P Global Pollution Prevented 1975-2008

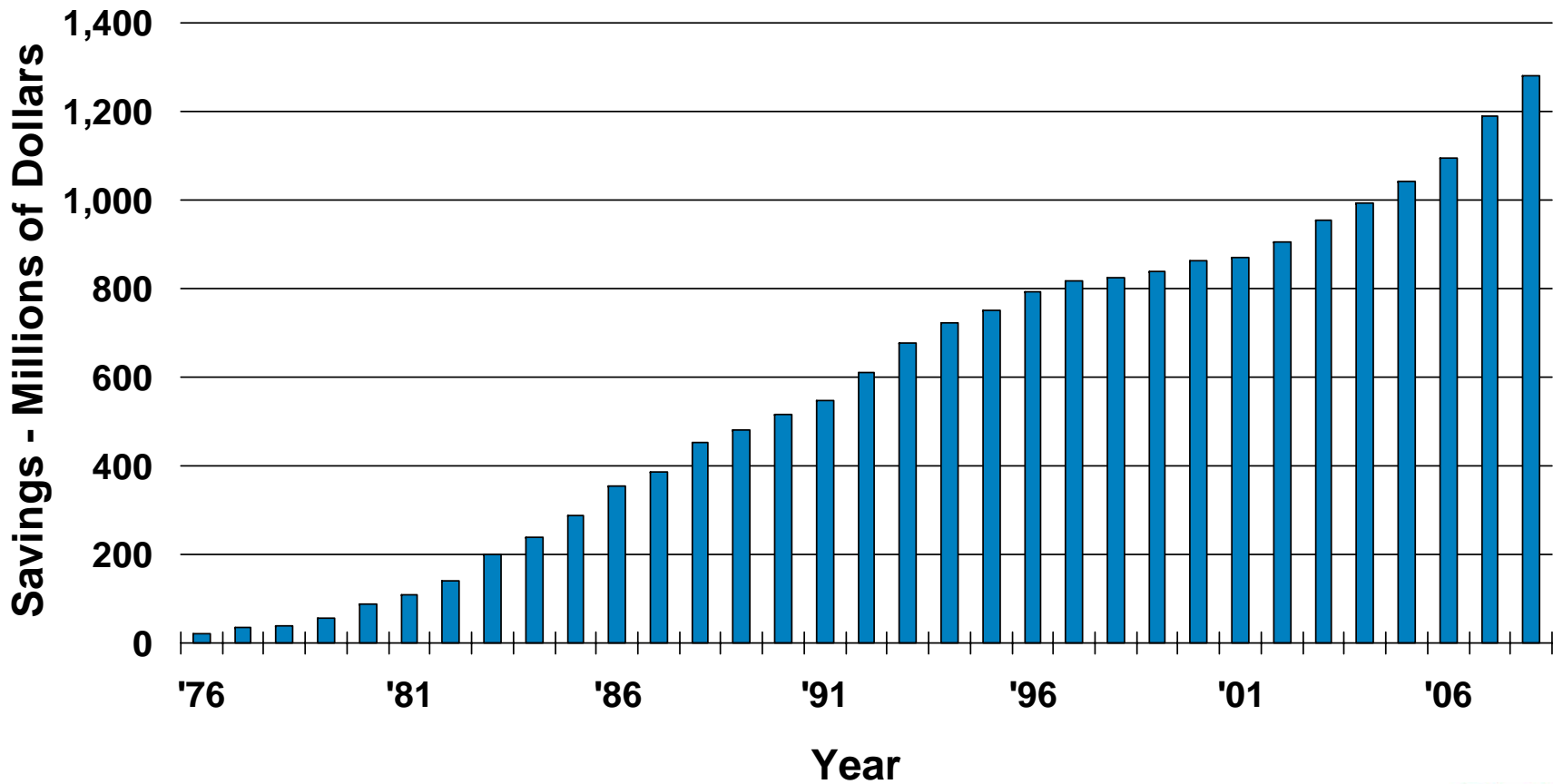
(Cumulative – First Year Only)



Pollution Prevention Pays (3P)

# 3P Global Savings 1975-2008

(Cumulative – First Year Only)



## 3P Recognition



- Awards given by top management
  - *Basic criteria*
    - *Certificate of appreciation*
  - *Special criteria*
    - *Plaque, clock, calculator, or duffel bag*
  
- Special awards to division/country
  - *Project of the Year (per criteria)*
  - *Most Pollution Prevented*
  - *Most 3P Projects*
  - *Most 3P Savings*
  - *Joe Ling Award*

