



# Natural Gas STAR Program



[epa.gov/gasstar](http://epa.gov/gasstar)

# The Natural Gas STAR Program



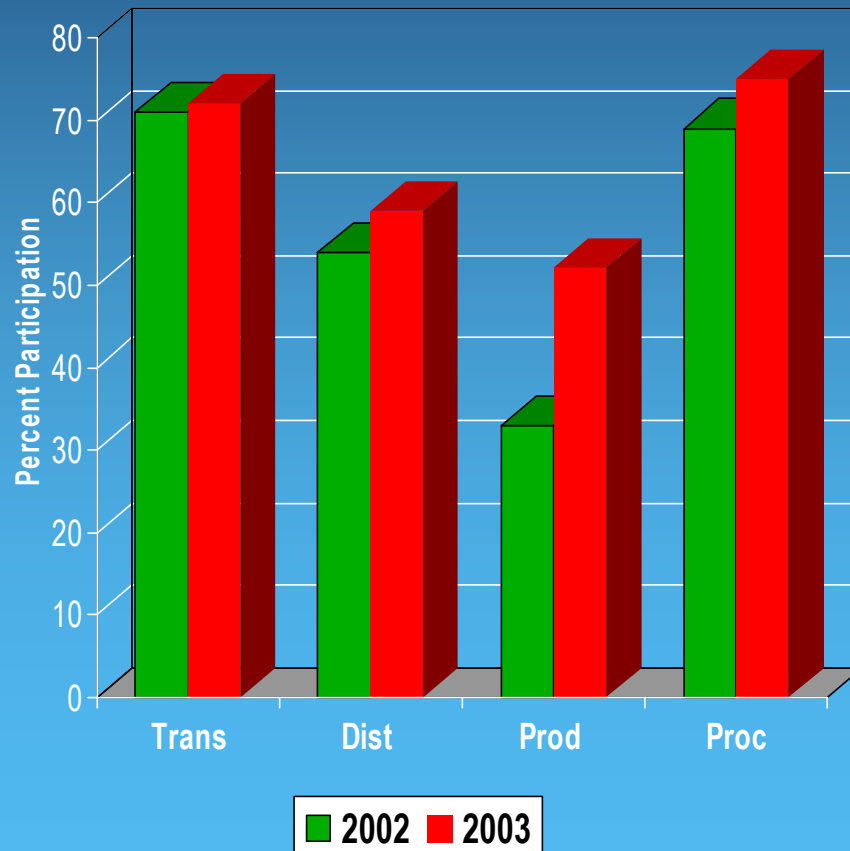
The Natural Gas STAR Program is a *flexible, voluntary partnership* between EPA and the oil and natural gas industry designed to *cost-effectively* reduce methane emissions from natural gas operations.

# U.S. Industry Participation



## ★ 113 Program Partners:

- ★ 72% of transmission
- ★ 29 Partners
- ★ 59% of distribution
- ★ 41 Partners
- ★ 52% of production
- ★ 30 Partners
- ★ 75% of processing
- ★ 13 Partners



# Collaboration with Endorsers



## ★ IPAMS

★ New endorser - Welcome!

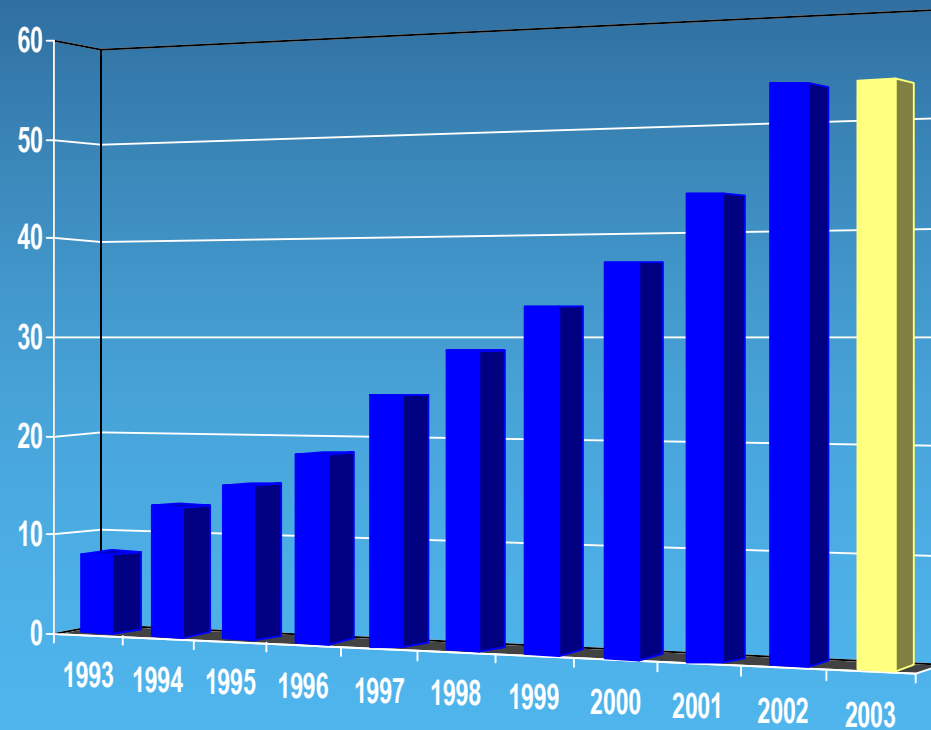
## ★ API

★ Committed to 100% member participation in Gas STAR.

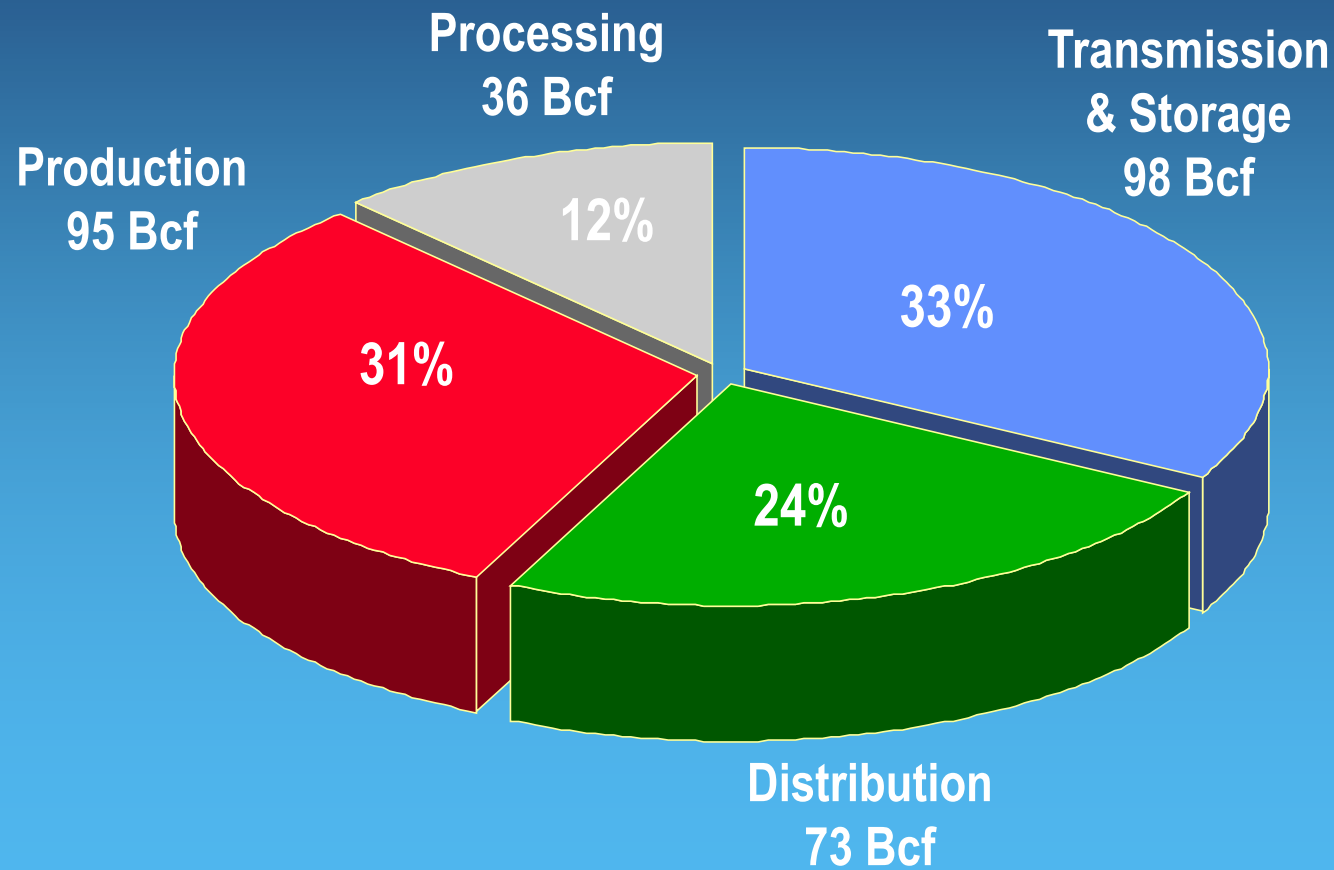
★ Overall, 13 trade associations have formally endorsed the Natural Gas STAR Program.

# Program Accomplishments

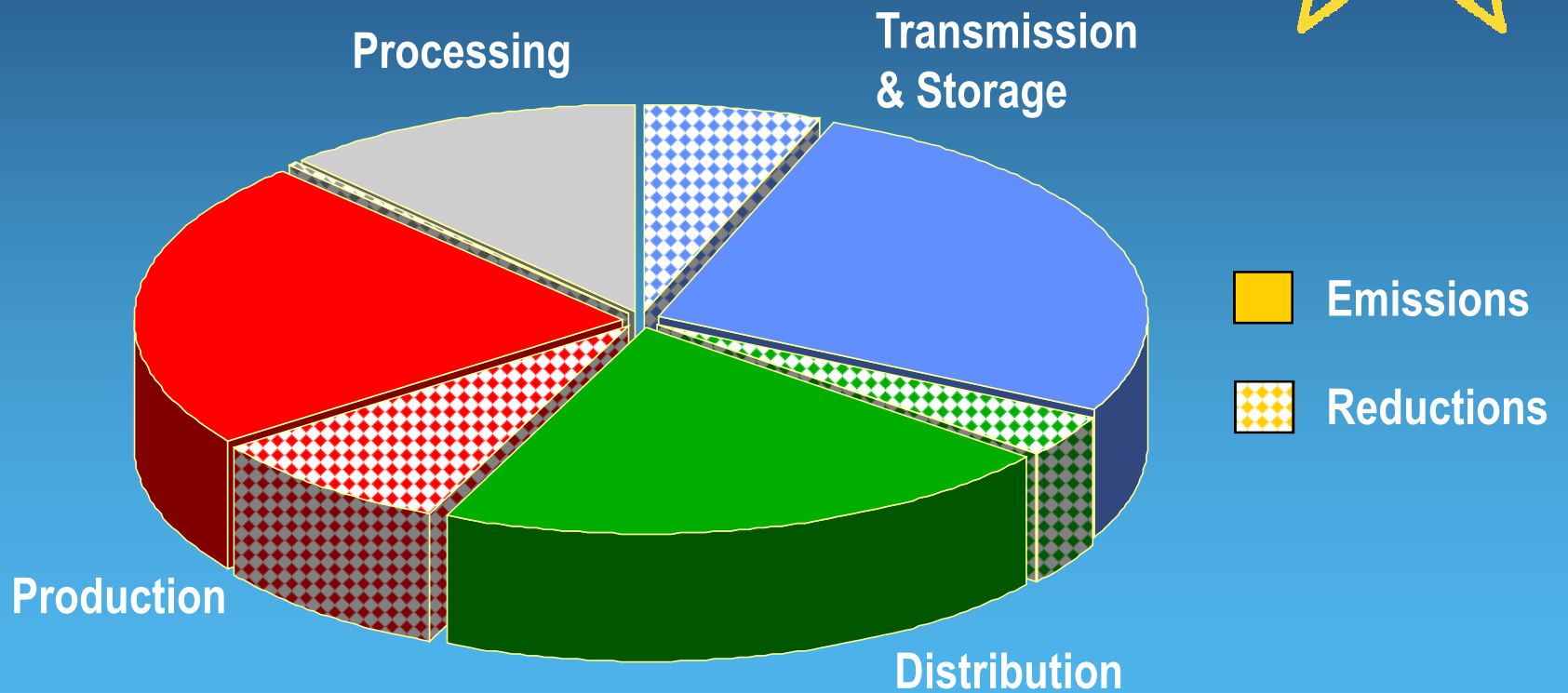
★ 356 Billion cubic feet  
in reductions!



# Methane Emissions from the U.S. Gas Industry



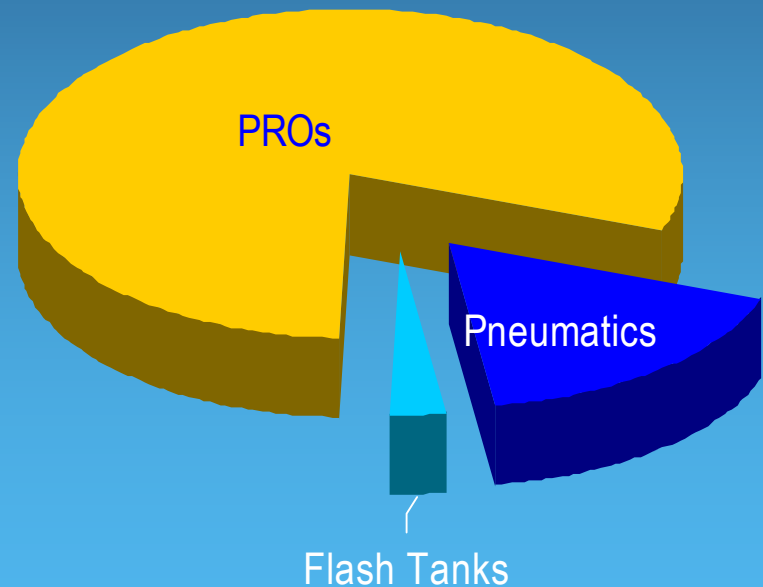
# Additional Reduction Opportunities



# Producer Sector Reductions

★ In 2003, producer Partners reduced approximately 24 Bcf

★ 80% attributed to BMP 3 - Partner Reported Opportunities



Producer Emission Reductions by BMP



# Top Production Sector PROs



- ★ Install Instrument Air System
- ★ Install Plunger Lift in Gas Wells
- ★ Convert Gas-driven Chemical Pumps
- ★ Install Flares
- ★ Install Vapor Recovery Units on Storage Tanks

# Workshops



## ★ Natural Gas STAR Production Workshops

★ September 21, 2004 - Houston, TX

## ★ Annual Conference

★ October 26 -27, 2004 - Houston, TX

## Contact Information

Roger Fernandez

202-343-9386

[fernandez.roger@epa.gov](mailto:fernandez.roger@epa.gov)

[epa.gov/gasstar](http://epa.gov/gasstar)

