

# AGA's Commitment to Enhancing Safety and Other Initiatives to Improve Safety

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# Delivering natural gas that fuels America's way of life

- The American Gas Association , founded in 1918, represents local natural gas companies that cleanly fuel the way of life of 177 million Americans nationwide
- Members deliver 92% of the natural gas in the US
- Today, natural gas meets almost one-fourth of the United States' energy needs.

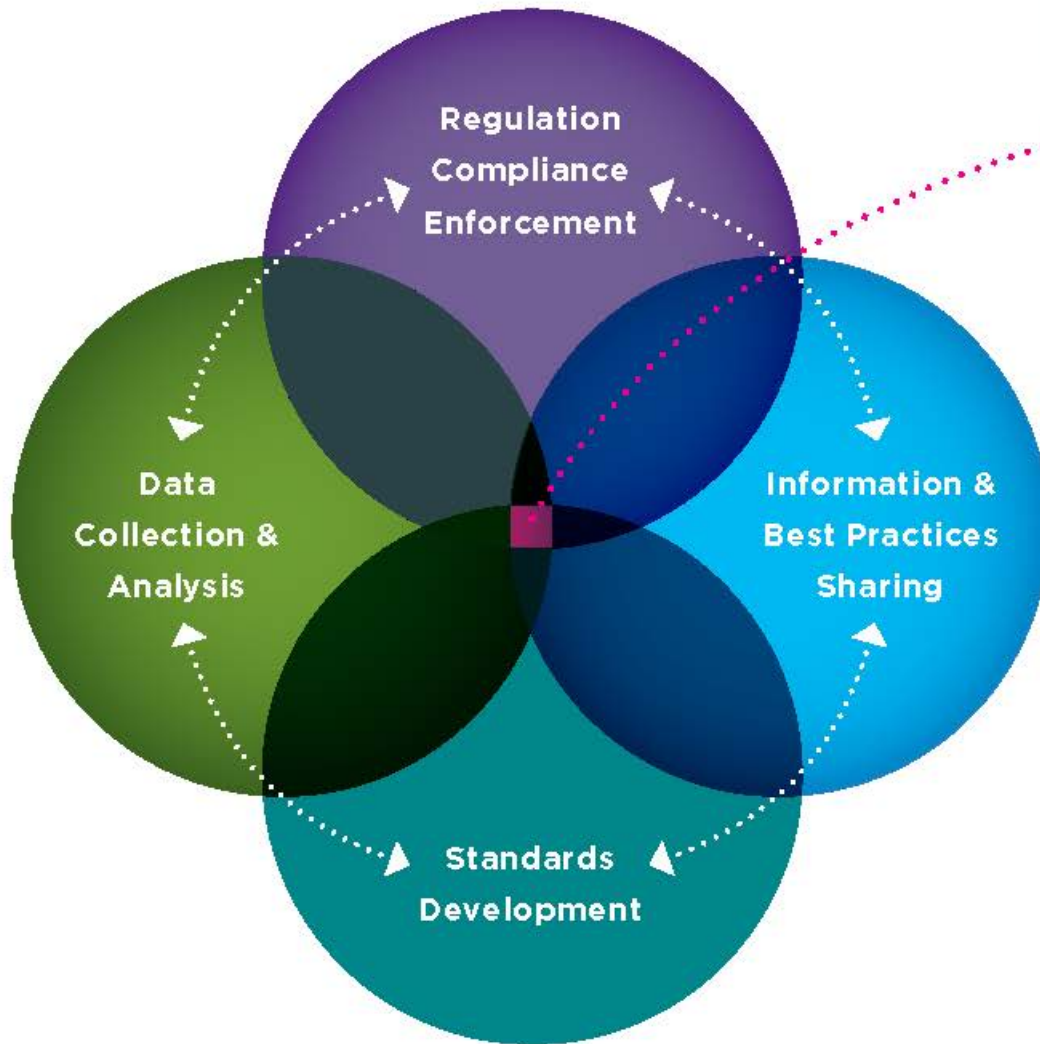




## Natural Gas Transmission Systems: **303,303 Miles**

- Nearly **60,000** transmission miles inspected in 2012 alone
  - Nearly **40,000 anomalies repaired** inside and outside of HCAs
- **19,853** Miles High Consequence Areas (HCAs)
  - Nearly **7,600** miles received baseline and reassessments in 2012

# Commitment to Safety



## ● Safest

Energy Delivery  
System in America

*The natural gas industry has a long-standing record of providing natural gas service safely and effectively to more than 177 million Americans and is dedicated to the continued enhancement of pipeline safety.*

# AGA's Commitment to Enhancing Safety

## Safety Commitment Elements

<b>Pipeline Construction</b>	Expand Operator Qualification	Initiate Quality Assurance	Install Automatic Valves
<b>Pipeline Operations</b>	Advance Integrity Management	Enhance Data Gathering & Tracking	Support Enforcement of Dig Laws
<b>Safety Enhancements</b>	Safety Knowledge Sharing	Stakeholder Engagement & Emergency Response	Technology Development

- In 2012, AGA's Board adopted this voluntary plan to enhance safety beyond legislation & regulations
- Highlights AGA's and its members' commitment to the continued enhancement of pipeline safety
- Commits to:
  1. Proactive collaboration to improve safety of the public
  2. Supporting reasonable regulations
  3. Specific actions to help ensure the safe and reliable operation of the nation's 2.4 M miles of natural gas pipeline
- Recognizes significant role that state regulators play in supporting and funding these actions

# Safety Culture

“AGA and its member companies are committed to promoting positive safety cultures among their employees throughout the natural gas distribution industry. All employees, as well as contractors and suppliers providing services to AGA members, are expected to place the highest priority on employee, customer, public and pipeline safety.”



**Excerpt from AGA Safety Culture Statement**

# Infrastructure Investments

For Economic Renewal

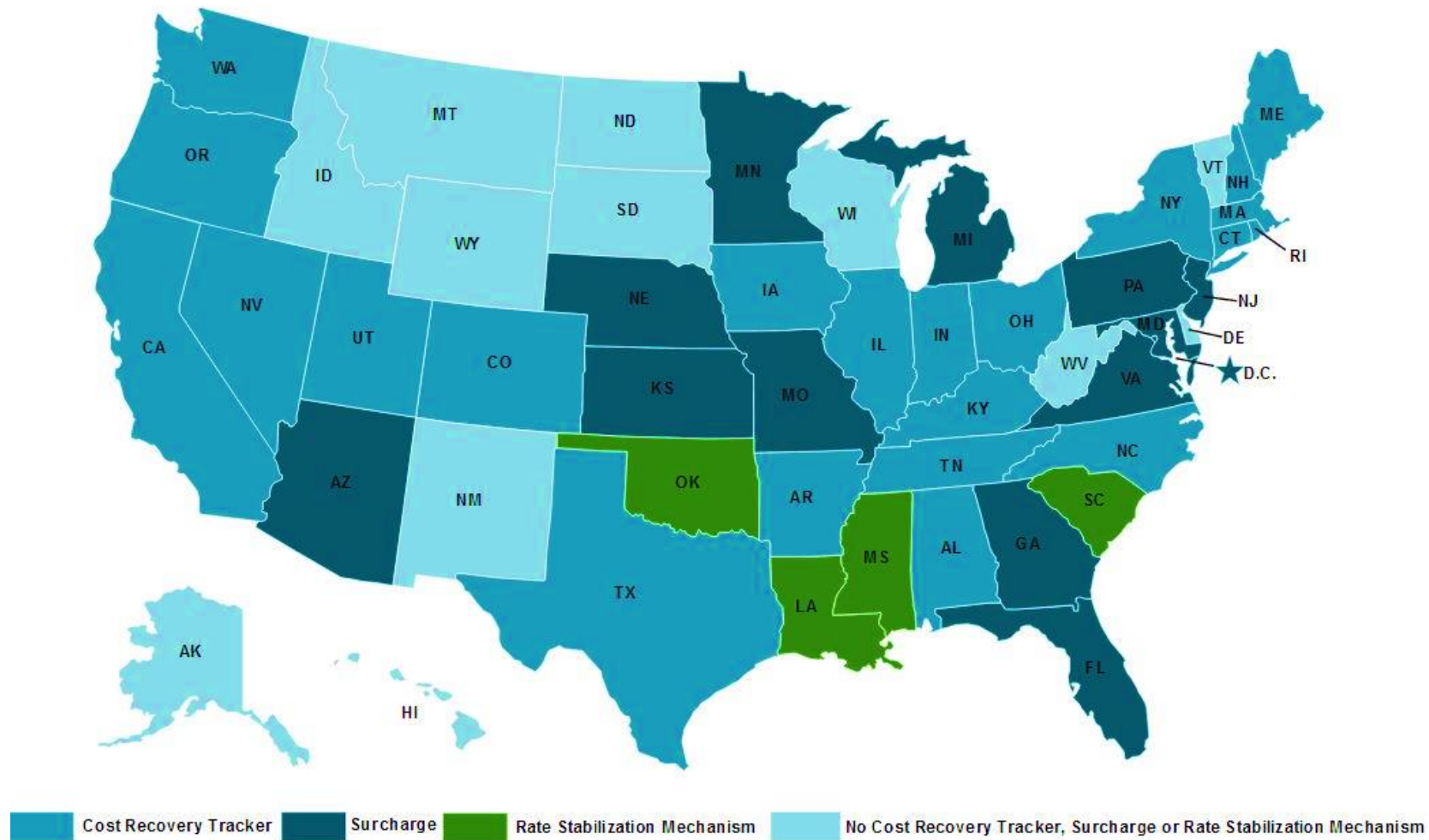
Utilities spend more than **\$19 billion** annually on infrastructure investment and other efforts to enhance safety.

- **Creating** jobs
- **Supporting** local economic development
- **Contributing** to our nation's economic recovery.

Bringing  
natural  
gas to

**177**  
MILLION  
AMERICANS

# States with Accelerated Infrastructure Cost Recovery





Protecting Natural Gas Systems:

# Cybersecurity



- Creating a Downstream Natural Gas Information Sharing & Analysis Center (DNG ISAC) to allow for the timely reporting, sharing and analysis of cyber and physical incident information
- Pilot to assist small utilities in assessing their cyber vulnerabilities and developing guidance tools to assist
- The Oil & Natural Gas Council, chaired by AGA and supported by the U.S. Departments of Energy and Homeland Security, promotes effective security strategies and activities, policy and communications across the oil and natural gas sector

Cybersecurity efforts must constantly adapt to changing and unpredictable threats.

Partnership between the private sector and the federal government is critical in helping address cybersecurity threats to our nation's critical infrastructure.

# Raising the Safety Bar Through Peer-to-Peer Reviews

- AGA is piloting a peer-to-peer review program to further increase safety
- Pilot includes 10 AGA member companies that each receive a comprehensive review by SMEs from other companies
- Areas reviewed: Pipeline Risk Management, Safety Management Systems and Employee Procedures
- Amazing results already and immediate lessons learned by those receiving the review and those conducting the review
- Pilot will finish in April
- Will become a national program



**supports continuous improvement to the safe delivery of natural gas through these means:**

- Information sharing among emergency responders and the public information that effectively informs and enhances pipeline safety
- Research and development
- Collaboration with key stakeholders
- Effective enforcement of “Call 811”
- Conducting forums for the industry that facilitate the sharing of leading practices

# Other AGA Actions to Raise Bar on Safety

- Best Practices program to allow companies to benchmark themselves against other and identify leading practices for gas operations
- Board Level Safety Committee
- Safety Resource Center for safety procedures, lessons learned, training materials
- Executive Leadership Safety Summit
- Technical Publications
- Industry-initiated surveys
- Events to share lessons learned
- Emergency Planning, including a national mutual assistance program and annual mock drill

NATURAL GAS

**QUESTIONS?**

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