



U.S. Department of Transportation  
Pipeline and Hazardous Materials  
Safety Administration



# GOVERNMENT & INDUSTRY PIPELINE R&D FORUM



**Westin Arlington Gateway**  
Arlington, VA  
July 18-19, 2012



# Welcome Everyone!!

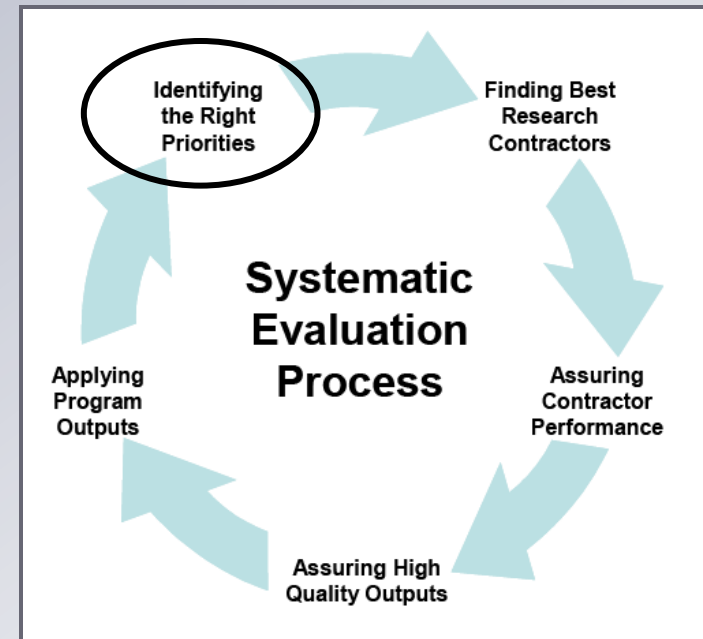
## To the Forum on behalf of PHMSA, NAPSR and the R&D Forum Steering Committee

- American Gas Association
- American Petroleum Institute
- American Public Gas Association
- Interstate Natural Gas Association of America
- National Institute of Standards and Technology
- Northeast Gas Association/NYSEARCH
- Operations Technology Development
- Pipeline Research Council International



# Your Role Here is Important!

- **We need to reach consensus on the technical priorities for future research**
- **Building coalitions to:**
  - Coordinate
  - Collaborate
  - Co-fund
  - Be Complimentary with no Duplication





# Detailed/Dynamic Agenda

- **Two days of panel presentations and five focused subject working groups**
  - **That's a credit to:**
    - The Forum Steering Committee
    - The Working Group Leaders & Facilitators
    - All Participating Presenters
- **Don't worry if you miss something – All presentations to be posted shortly after**  
**at:** <https://primis.phmsa.dot.gov/rd/workshops.htm>



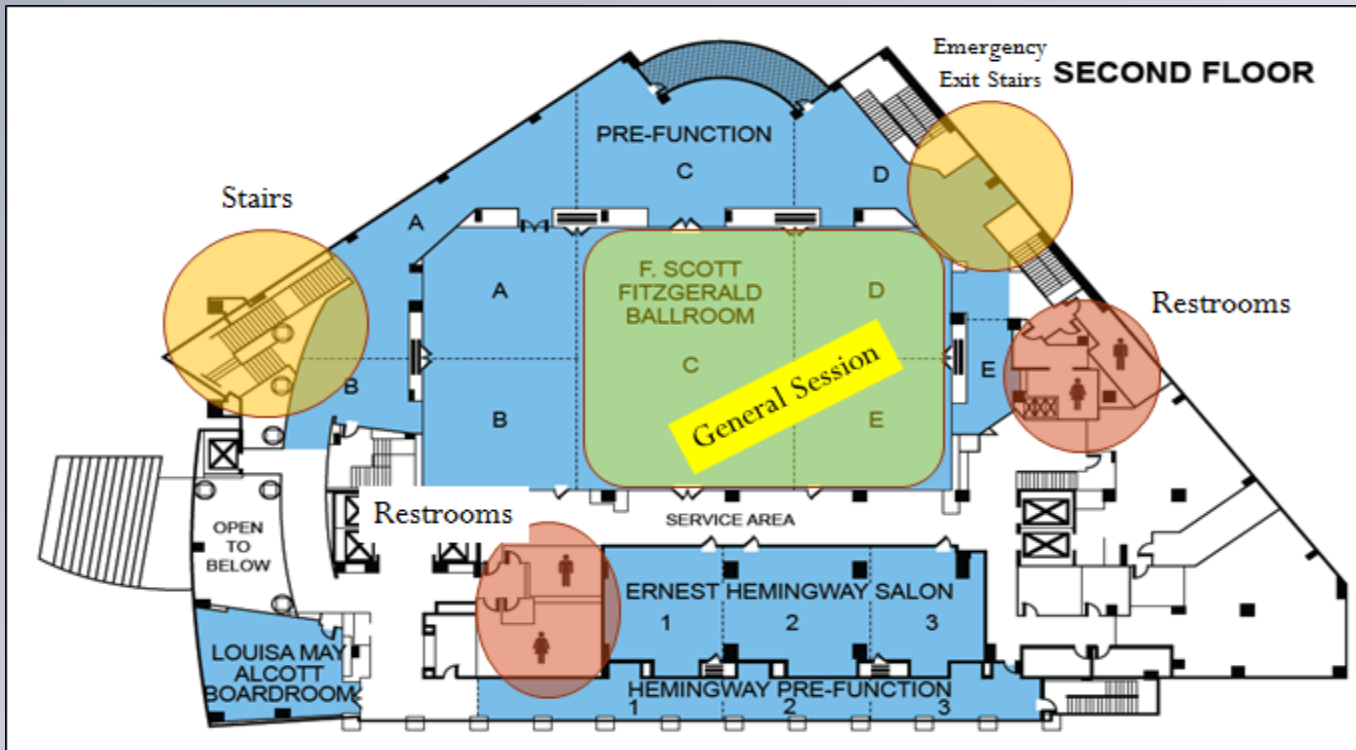
# Speak Up/Out!

- **Questions from the floor after panel presentations if time permits**
  - Floor Mics
  - Index Cards at Registration Desk
- **Working Group Participation from you!**
  - More direction to come later
- **Complete the Forum Survey**
  - Handed out tomorrow



# Housekeeping Items

- **Emergency Exits**
- **Cell Phones**
  - Put on vibrate!
  - Turn off ringer!
- **Bathrooms**





# PHMSA Announcements

- **Competitive Research Solicitation to follow in August!**
  - Topics coming from “our” efforts here!
- **Considering a Competitive Academic Agreement Program (CAAP)**
  - Engaging students who may later seek internships/careers with gov/industry
  - Driving more focus from academia toward pipeline safety challenges



# Program Policy Changes

- **Resource Sharing will continue on R&D addressing technology or new product development**
  - Using 30% from any non-federal source
- **No Resource Sharing for R&D on:**
  - Projects that are inherently governmental in nature





# Future Solicitations

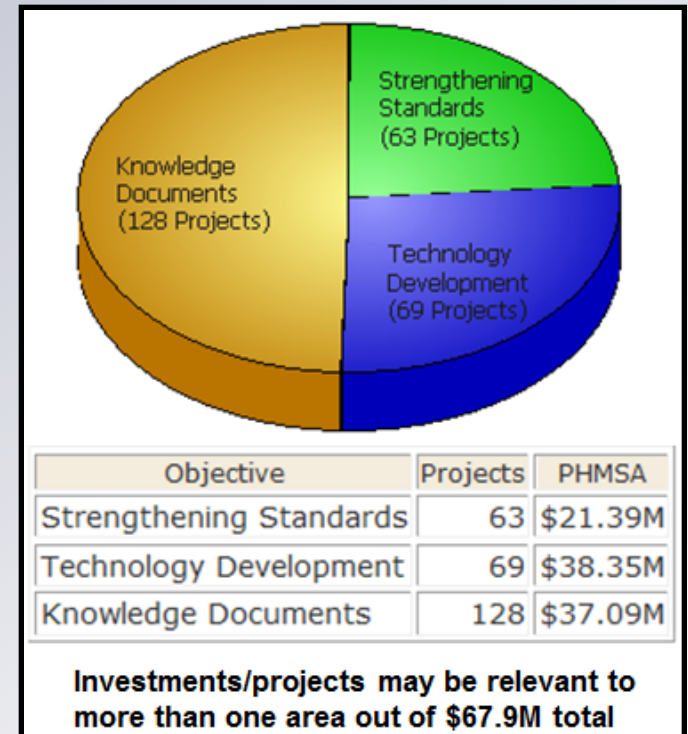
- **All topics will be clearly marked as to...**
  - Ones funded 30% from non-federal sources
  - Ones funded 100% by PHMSA
- **End-user advisory panels created for full PHMSA funded projects**
  - Pipeline operators, standards developing organizations, etc.
  - Panels will make technical recommendations to PHMSA



# PHMSA Needs Your Help!

- **Research results having limited impact on standards**
  - 63 projects & over \$20M PHMSA investment since 2002
  - Only two standards registered as revised since tracking in 2007

Developing Technology	Strengthening Consensus Standards	Promoting Knowledge
Fostering the development of new technologies so that pipeline operators can improve safety performance and more effectively address regulatory requirements.	Targeting and feeding new knowledge into the process of keeping standards relevant to their purpose.	Generating and promoting general knowledge to decision makers.





# A Challenge to Impact Standards?

- **Possible issues...**
  - Awareness of research project & results?
  - Technical quality or timing with revision cycle?
  - Results rising the performance bar too high?
- **How can we better craft projects here at the forum to improve adoption likelihood of research results?**