

Liquids Pipeline SMS Workshop



April 26, 2016 | Houston, TX

Welcome



- Safety moment
- API PSMS Implementation Team

How Did We Get Here?

**NTSB recommendation
on Marshall, MI – July 10, 2012**

(Incident was on NTSB's Ten Most Wanted list)

API: Facilitate the development of a safety management system standard specific to the pipeline industry that is similar in scope to your RP 750, Management of Process Hazards

API 1173 development: Involved gas transmission and hazard liquid pipeline companies, PHMSA, industry groups, and members of the public

December 18, 2012
Initial team meeting

July 2015
API 1173 Published

April & August 2014
Drafts for public comment

2010

2011

2012

2013

2014

July 25
Marshall, MI

September 9
San Bruno, CA

July 1
Yellowstone River, MT

High-profile accidents drove development

13 iterations of API 1173

1st ballot – July/August
2nd ballot – December

API 1173 GOAL

Provide a framework tool to
move the needle on pipeline safety

Key Concepts of API RP 1173



- It's about pipeline safety improvement
- It's a journey – not a destination
- It's a management system vs. a checklist
- It's flexible & scalable
- Safety culture is a core value

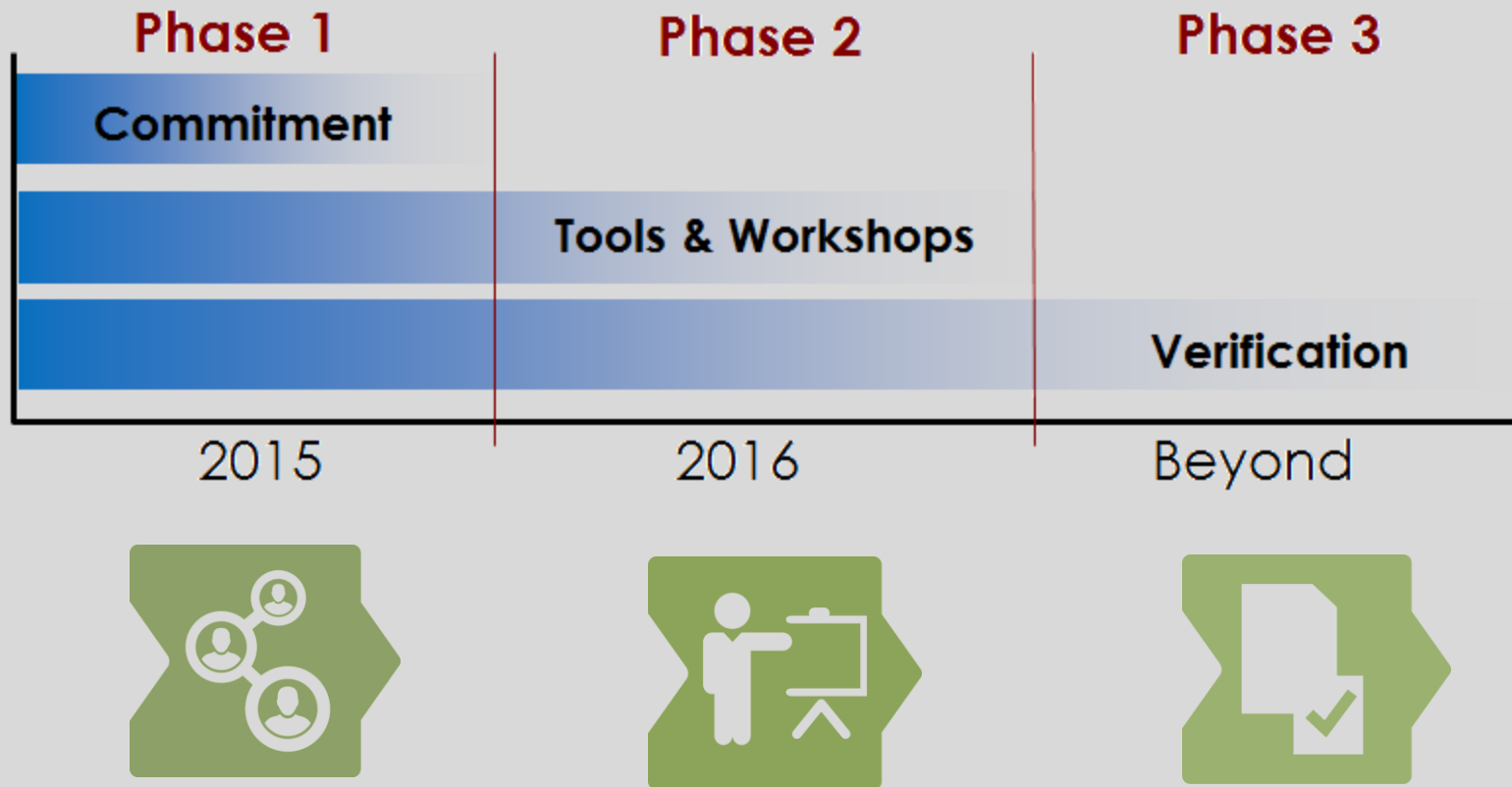
Industry's Role



- Develop an implementation plan
- Promote industry commitment
- Provide road map
- Provide tools
- Communicate with stakeholders



Industry's Plan



Today's Workshop



- Interactive and engagement
- Breakout sessions / report outs
- Implementation booklets
- Implementation tools

What Does Success Look Like

- Participants
 - ✓ Identify key takeaways
 - ✓ Network, network, network
 - ✓ High level of engagement
 - ✓ Contacts for future help
 - ✓ More questions than answers
- Implementation Team
 - ✓ Your feedback



Elements



Elements we will cover

- Leadership & Management Commitment
- Stakeholder Engagement
- Safety Assurance
- Management Review & Continuous Improvement
- Risk Management
- Competence Awareness and Training

Elements not covered

- Incident Investigation, Evaluation & Lessons Learned
- Emergency Preparedness & Response
- Operational Controls
- Documentation & Recordkeeping

Logistics



- Agenda
- Rotating Breakout Sessions
- Tools
 - API implementation booklets
 - Implementation tools
 - Peer-to-peer sharing guidance

Start Breakouts

Report Outs

Lunch

Start Breakouts

Report Outs

Implementation Tools



- Review implementation booklets 1, 2, 3
- Review tools
 - Implementation tool
 - Peer to peer sharing guide
- Review website www.pipelinesms.org



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