

Pipeline Safety Management Working Group

May 2016

Administrator directed
PHMSA to establish a
SMS Working Group

Objective:

Identify and define a key set of
performance metrics to
measure progress of SMS
implementation.

Working Group Members

Primary Members

Richard Kuperwicz

Cheryl Campbell

Andy Drake

Ron McClain

Massoud Tahamtani

Public

Gas Distribution

Gas Transmission

Liquid

Government

SMEs

Shawn Lyon

Jemmie Wang

Bruce Brabec

Brianna Metzger

Liquid

Public

Public

Gas

PHMSA

Linda Daugherty

Bill Rush

Industry Survey

- Designed a simple 8 question survey
- Conducted by all Trade Associations

PIPELINE SMS IMPLEMENTATION TEAM

GPAC / LPAC JOINT MEETING INDUSTRY SMS IMPLEMENTATION UPDATE

DECEMBER 13, 2017 • WASHINGTON, D.C.

SHAWN LYON, VICE PRESIDENT OPERATIONS • MARATHON PIPE LINE LLC



INDUSTRY IMPLEMENTATION TEAM

ONE INDUSTRY, ONE TEAM

- Started in May 2015
- 24 members — operators and associations
 - API
 - AOPL
 - INGAA
 - AGA
 - APGA (American Public Gas Association)
- Actively meeting several times per year
- Focus
 - Strategic
 - Tactical
 - Helping the industry with the *how*
 - Measuring progress



INDUSTRY IMPLEMENTATION TEAM

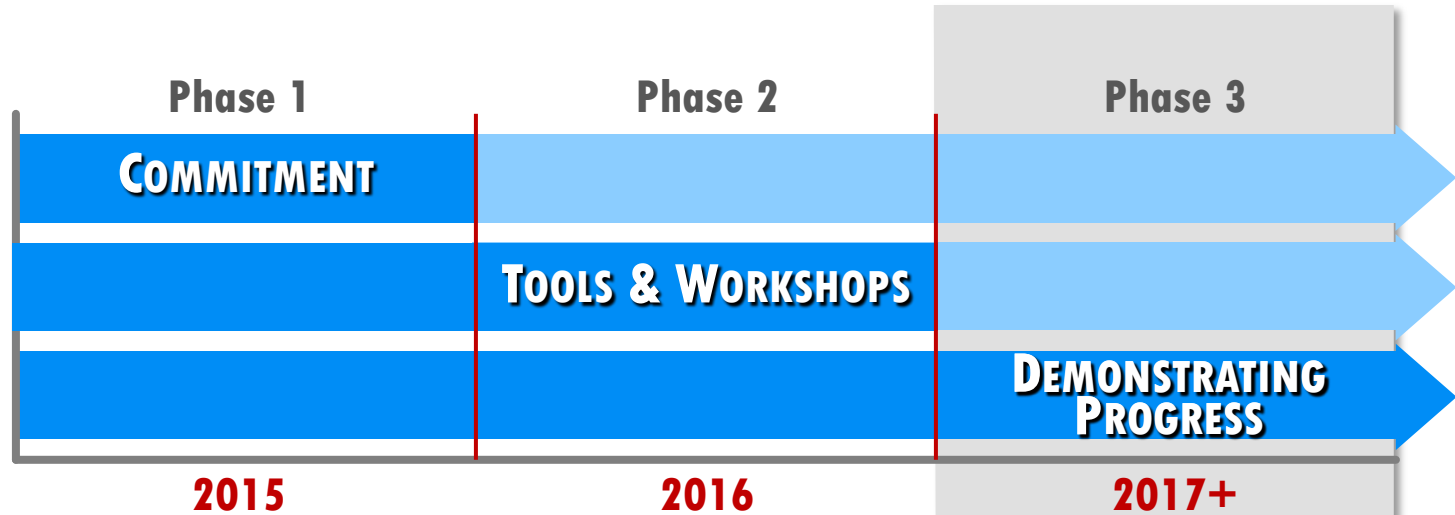
GUIDING PRINCIPLES

Implementation team's governance for goals & objectives

- 1 It's a journey, not a destination
- 2 Flexible and scalable
- 3 Stay true to RP 1173 (especially terminology)
- 4 Designed for the pipeline industry
- 5 Improving overall performance, not just safety
- 6 Divided into conformance and effectiveness
- 7 Voluntary versus regulatory
- 8 Proactive – look for weak signals



INDUSTRY PROGRESS



- Aggregate industry progress
- Conformance, then effectiveness
- Industry Maturity Model

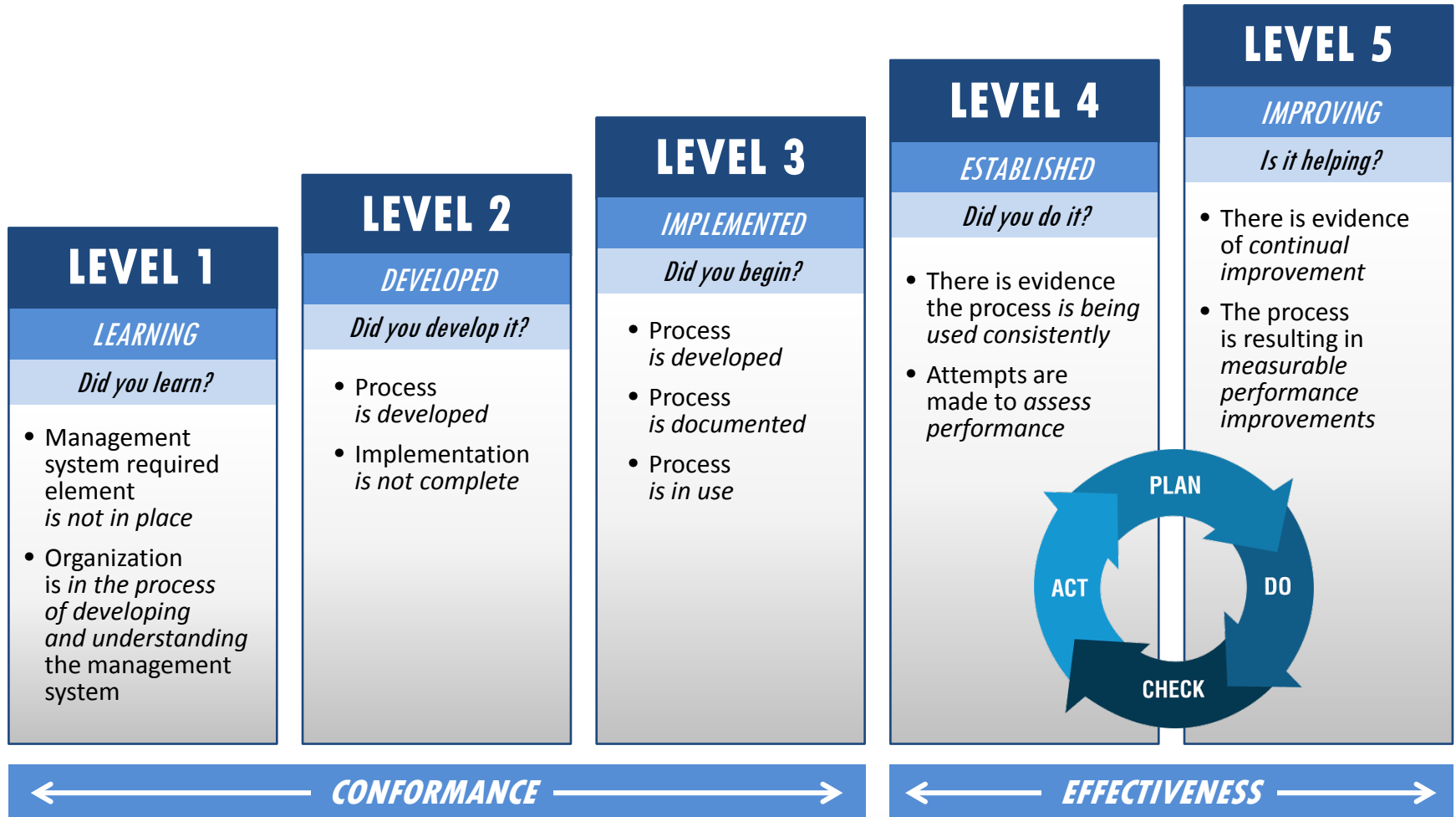


INDUSTRY HELPING INDUSTRY IMPLEMENT

- Commitment
- Booklets
- Tools
 - Planning (gap analysis) – *complete*
 - Implementation (summary) – *1Q18*
 - Conformance (shalls) – *1Q18*
 - Effectiveness (is it helping) – *1Q18*
- Workshops
- Mentoring
- *Website: www.pipelinesms.org*
- Webinars
- Maturity Model



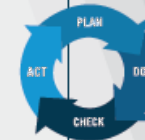
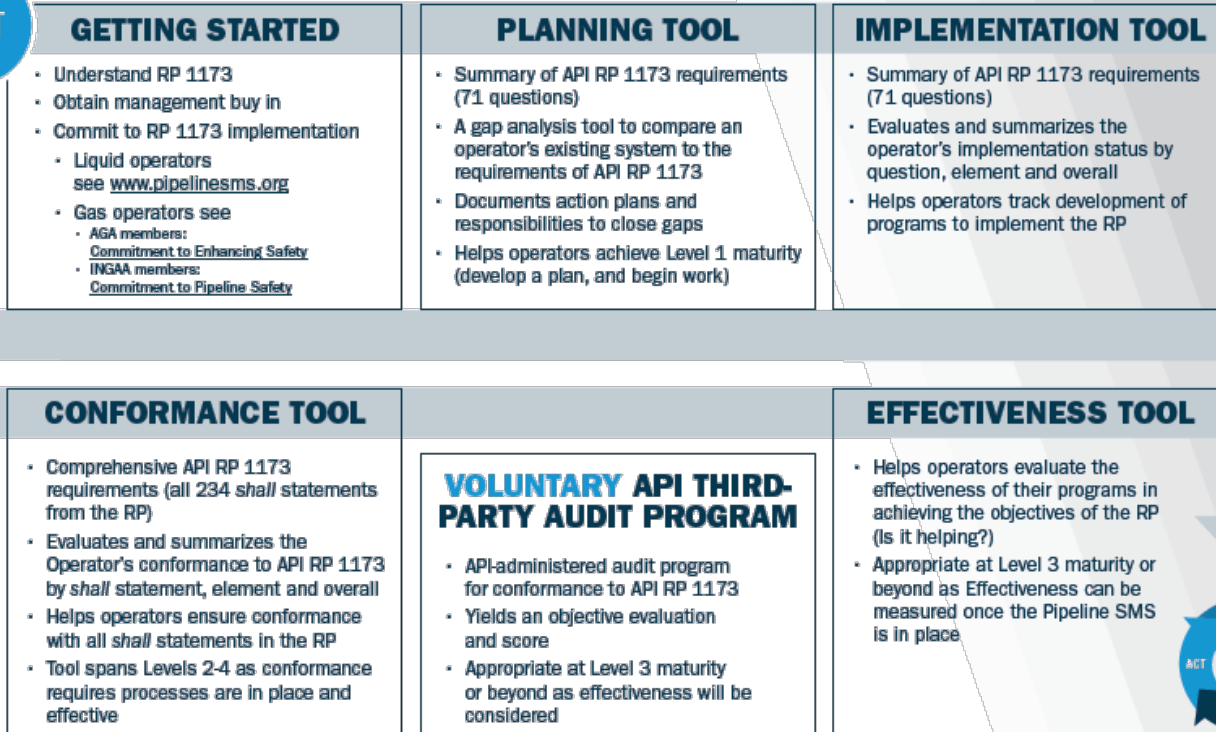
PIPELINE SMS MATURITY MODEL



WHERE DO I START?

Pipeline SMS Tool Roadmap

START



PEER-TO-PEER SHARING CAN BE CONDUCTED AT ANYTIME



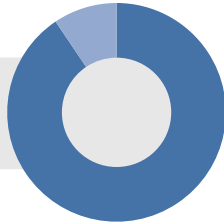
For more information on Pipeline SMS tools or questions regarding Pipeline SMS, please see www.pipelinesms.org or contact API at PipelineSMS@api.org



BENCHMARKING

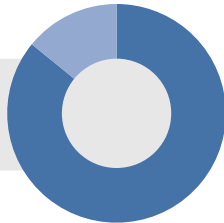
2016 PHMSA LPAC/GPAC SURVEY DATA (LIQUIDS AND GAS)

91% Yes



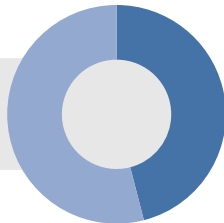
Has your company committed to implementation of RP 1173?

86% Yes



Has your company completed a gap analysis comparing your existing processes and procedures to the requirements of the RP?

47% Yes



Has your company prioritized gaps and developed a plan to begin closing them?



NEXT STEPS

ONE INDUSTRY, ONE TEAM

- Continue *One Industry, One Team*
- 2018 Webinar series
 - Maturity Model
 - Tools
- 2018 Workshop
 - Tools how-to session
- API voluntary third-party audit program (pilot 2018)
- Develop metrics
 - Conformance for implementation
 - Effectiveness through meaningful metrics



QUESTIONS AND ANSWERS

**It's a journey,
not a destination**



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