



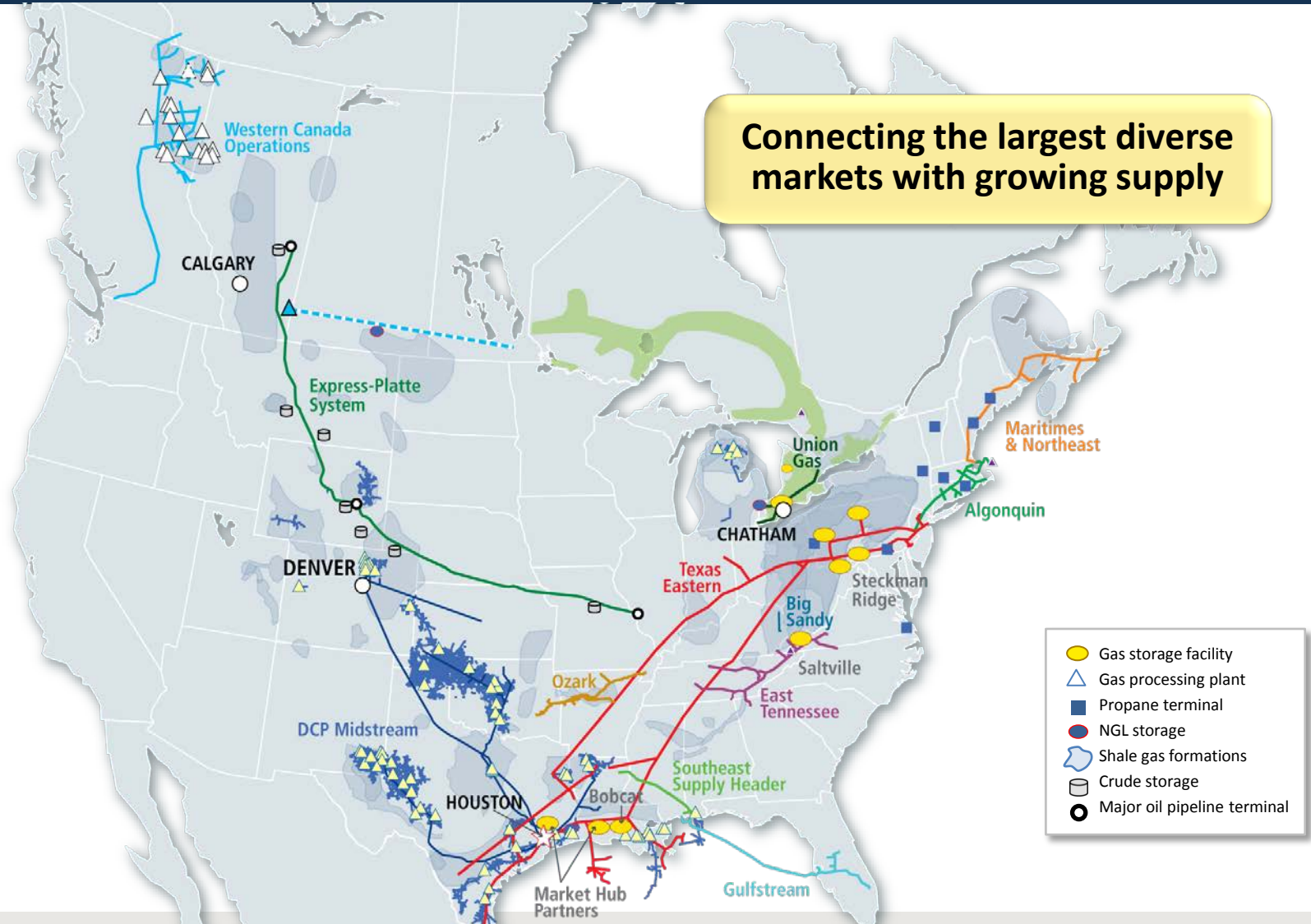
PHMSA SMS WORKSHOP

# Spectra Energy Perspective: Management Systems

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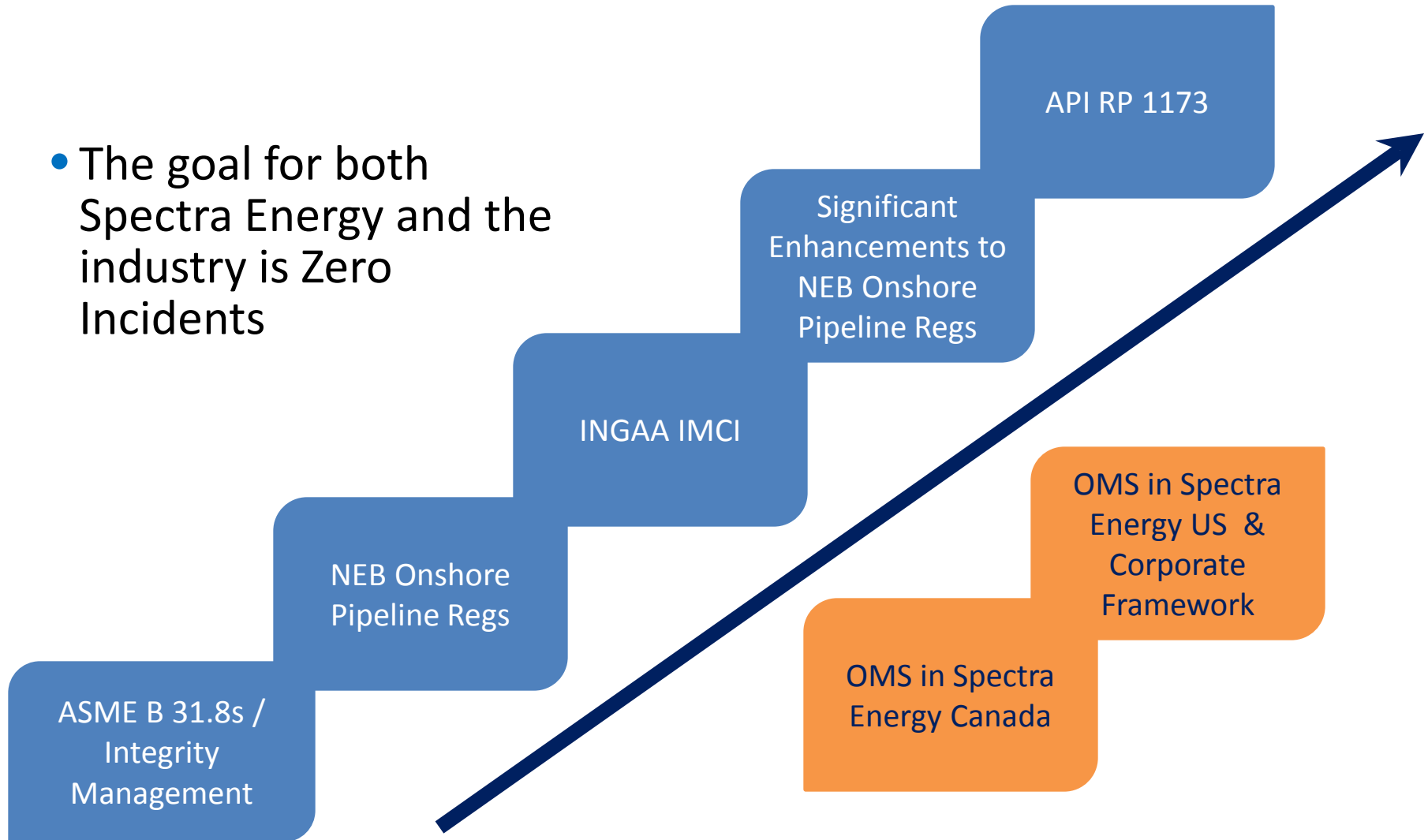


# Our Diverse Portfolio of Assets



# Our Journey of Continuous Improvement

- The goal for both Spectra Energy and the industry is Zero Incidents

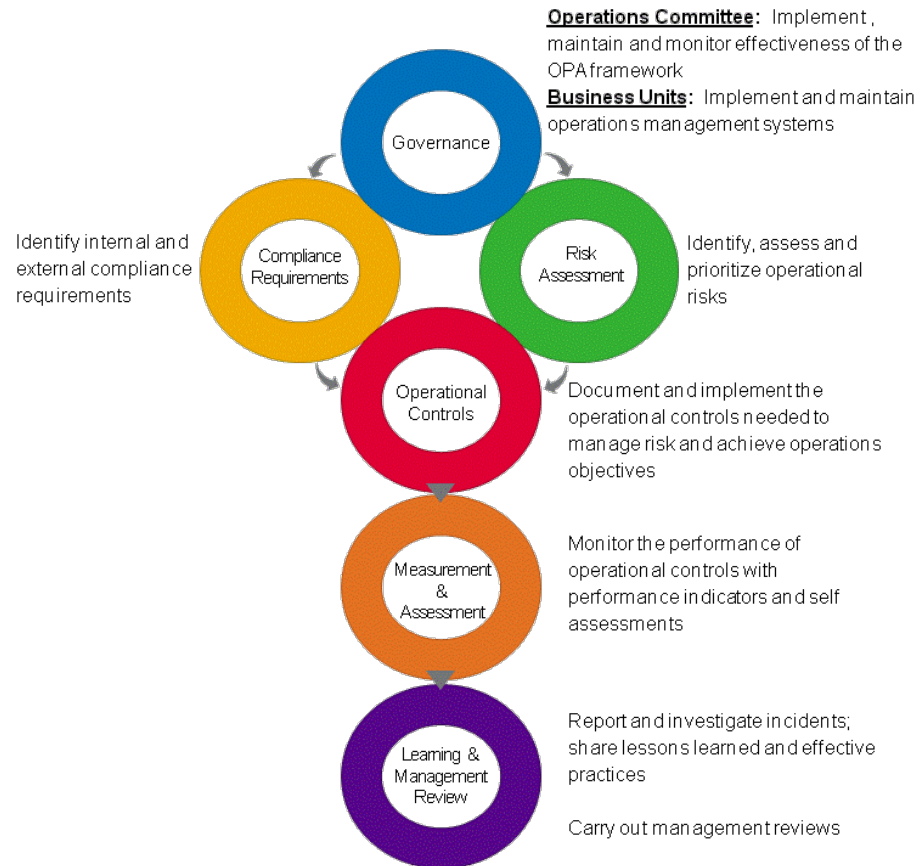


# Operations Management System Overview

**Operations Management System (OMS) is designed to support systemic management of operations risk and support answers to these questions ...**

- **What are our prioritized risks?**  
... regarding asset integrity and reliability, compliance, personal safety and environmental performance
- **What are our operational controls?**  
... that manage the risk to achieving our objectives for asset integrity and EHS and deliver compliance with internal and external requirements
- **How do we monitor our controls?**  
... through audits and performance metrics to assess if controls are working as intended
- **How does management review and improve operations management processes?**  
... through periodic management reviews and continuous improvement action plans

**... using this framework.**

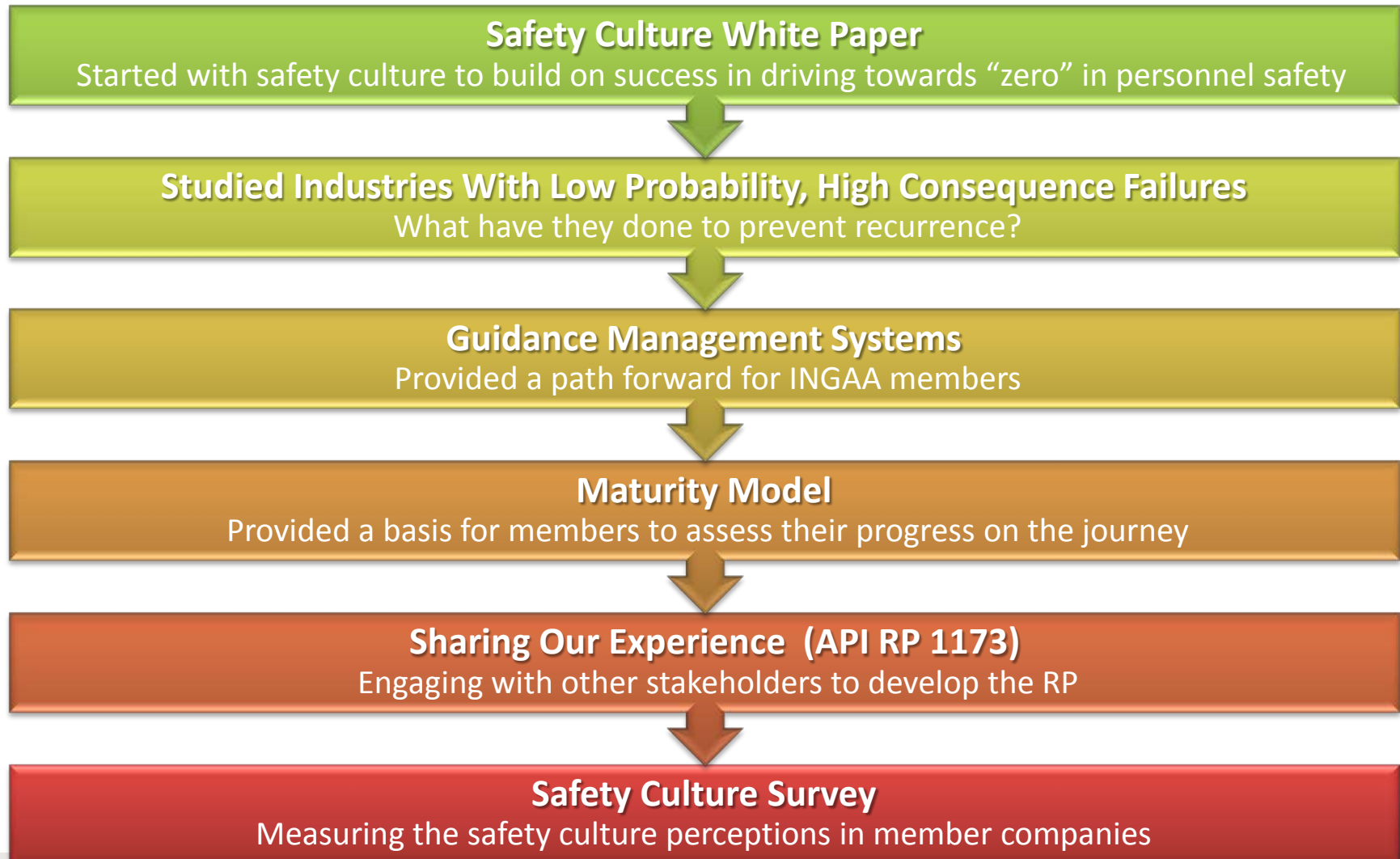


# Comparing the SE OMS against RP 1173 SMS

- OMS addresses most RP 1173 requirements that are process-related
  - OMS covers the “systematic management” of operations processes
- For culture and leadership parts of RP 1173, we typically use other management processes such as:
  - Visible executive commitment through communications and action
  - Annual management focus areas and initiatives regarding safety
- The areas that would require additional emphasis in our OMS to fully conform to the RP 1173 include:
  - Processes to measure the maturity of OMS implementation and safety culture
  - Clear line-of-site from objectives to day-to-day operations
  - Linking employee reviews/rewards to OMS performance
  - Specific operational controls references in OMS (e.g., materials, maintenance, testing and inspection)
  - Specific processes for learning from external events

**RP 1173 builds on the existing foundation and enhances our OMS to support our goal of Zero Incidents**

# IMCI: INGAA's Development on Management Systems



# Q&A



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