



# **“Assessing the Tools, Processes, and Value of Sharing & Learning from Offshore E&P Safety-Related Data”**

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OESI Advisory Committee  
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# Background

- U.S. Department of the Interior's Bureau of Safety & Environmental Enforcement (BSEE) approached SPE in 2014 regarding potential collaboration on developing industry-wide near miss framework to enhance industry's ability to capture and share key learnings from significant near miss events, with objective of identifying and mitigation potential high consequence risks
- Proposed outcome would be SPE summit to address opportunities and challenges associated with collaborative near miss reporting framework, including role of SPE in facilitating this process
- Initial work group formed to explore benefits/mechanism for collaboration, including representatives from SPE, BSEE, COS, and OESI

# Overview of SPE-Related Initiatives



## Objectives:

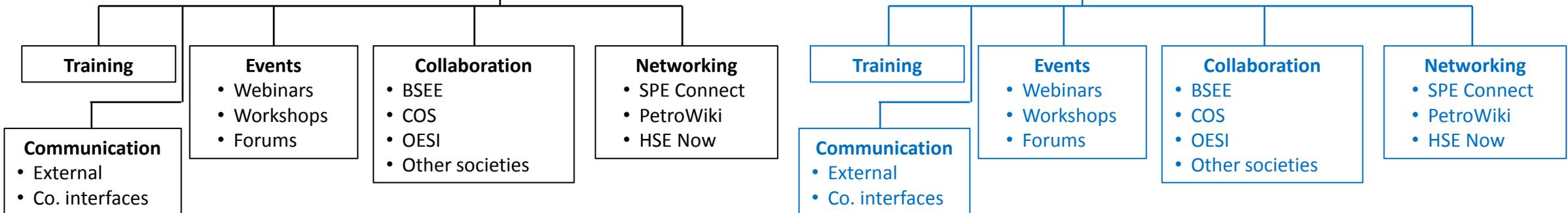
- Evaluate prospective opportunities and gaps related to availability, sharing, and analysis of near miss safety and safety management data
- Identify potential collaboration opportunities between SPE and BSEE on path forward, with initial focus on offshore Gulf of Mexico
- Network with impacted stakeholders (industry & regulator) on current practices, existing internal processes, and industry data collection and management frameworks
- Leverage learnings from proposed SPE/BSSS Near Miss summit and form work teams to address various external initiatives (e.g., training, communication, events, collaboration, networking)

## Objectives:

- Establish pathway to address opportunities & challenges of industry-wide safety & safety management reporting
- Identify how BSEE & SPE can collaborate to add value to existing and future processes
- Leverage strategic processes (new & existing) to address opportunities and gaps focused on the collection, analysis, and dissemination of data

## Objectives:

- Adopt process safety definition for sharing with SPE membership (done)
- Identify potential collaboration opportunities between SPE and other professional societies and industry organization
- Evaluate prospective opportunities and gaps related to process safety processes and programs across all industry sectors (e.g., PSM applicability)
- Network with impacted stakeholders (industry & regulator) on current practices, existing internal processes
- Develop forward plan with proposed work teams to address process safety sub-topics and targeted events (e.g., SPE International and Regional HSE conferences)



# Summit Steering Committee

Chairpersons: Roland Moreau, Retired ExxonMobil; SPE Board VP of Finance  
Doug Morris, U.S. BSEE

Committee: Dan Chicoyne, CNLOPB  
Demetra Collins, U.S. BTS  
Rob Cummings, SLB  
Jose Gutierrez, Transocean  
Curtis Jones, Schlumberger  
Kathy Kanocz, Statoil  
John Karish, Consultant  
Tom Knode, Statoil  
Kevin McSweeney, ABS  
Jim Pettigrew, OESI

Michael Pittman, U.S. BSEE  
Kevin Renfro, Anadarko  
Paul Robinson, OESI/University of Houston  
Trey Shaffer, ERM/SPE HSSE-SR Technical Director  
Mike Smith, ExxonMobil  
Brad Smolen, BP  
Patrick Toutain, IOGP  
Sylvie Tran, Shell  
Charlie Williams, COS

SPE Staff: Michelle AuBuchon  
Melissa Schulte

# Event Information

## Venue

April 5/6, 2016

La Torretta Lake Resort & Spa – Montgomery, Texas

## Abstract

SPE and BSEE will facilitate a discussion to explore the opportunities, challenges, and processes needed for the development and implementation of an industry-wide safety management data sharing framework. This framework will describe processes for the protected collection, analysis, and sharing of safety management information (including major incident and precursor data). Topics to be covered include: benchmarking of existing key industry systems; identifying data to be captured and analyzed while maintaining data confidentiality; and, strategies for effective sharing of learnings to enable action. The results of this Summit will be documented in a Technical Report that will provide a basis for an effective means to share information and learnings across the industry.

# Agenda

- SESSION I: Introductions & Agenda Review
- SESSION II: Setting the Context
- SESSION III: Setting the Baseline: Outside and inside the O&G Industry
- SESSION IV: What Data Add Value if Shared?
- SESSION V: Reconnect with Day 1
- SESSION VI: Data Collection Process & Tools
- SESSION VII: Data Review and Analysis
- SESSION VIII: Strategies for Learning and Action
- SESSION IX: Next Steps for Industry and BSEE
- SESSION X: Closing

# Summit Design

- Two-day event will include breakouts, discussion and plenary sessions with attendees from broad cross-section of subject matter experts from industry from regulatory communities.
- Desired outcome of Summit will be recommendation to SPE Board of Directors to publish SPE Technical Report capturing collaborative opportunities for key stakeholders to work together in obtaining valuable data to be used as tools for continuous learning and improvement of safety and safety management on the OCS.
- Attendance will be by invitation only to ensure appropriate representation and competencies.
- While Summit will focus primarily on offshore project and operational issues, discussion forums will address likely applicability of suggested practices on areas beyond offshore.

# Challenges & Boundaries

- Clarify specific problem that Summit seeks to address, including where the gaps are and how best to fill them
- Ensure confidence among participants that there is a safe reporting environment, as well as provide similar assurances during Summit to promote more open discussion
- Summit should determine current barriers for providing information
- Summit should also address breadth of safety metrics, and what is truly critical for good risk-based management decision-making
- Address voluntary participation, confidentiality, need for protection from legal discovery, protection of source data, and laws and government regulation
- Once developed, principles related to safety data collection, analysis, and dissemination for offshore should be easily transferrable to onshore activities and international activities

# Status

- Event abstract posted on SPE web site
- Session work team formed, and plans progressing on session design and content
- Finalizing first cut of prospective participant invitations with objective of optimizing cross section of industry and regulatory representatives
- Considering post-Summit actions related to SPE/BSEE Technical Report, database management alternatives, data review and analysis, and periodic workshops to share trends and lessons learned