

C  **PP** CANADA'S OIL & NATURAL GAS
PRODUCERS

COLLABORATING FOR SAFETY
AND SUSTAINABILITY

A CONTINUOUS IMPROVEMENT PLAN



A MESSAGE FROM CAPP MEMBERS OPERATING IN NEWFOUNDLAND AND LABRADOR



We, the companies operating offshore Newfoundland and Labrador, are disappointed in the industry's safety and environmental performance in 2018 and 2019, and know we must do better.

We have held meetings and planning sessions to discuss our collective performance through our industry association, the Canadian Association of Petroleum Producers (CAPP), and have also participated in meetings and workshops with regulators, governments and other stakeholders who share our desire to continue raising the bar on environment, health and safety performance offshore.

We are confident that we have the right people, tools, leadership, commitment and ability to operate safely and responsibly. We also understand that there is room for improvement, particularly in how we collaborate.

This document, *Collaborating for Safety and Sustainability: A Continuous Improvement Plan*, is the result of the work described above and outlines our shared vision for safe, responsible and reliable operations offshore Newfoundland and Labrador. In addition to the collective objectives and focus areas outlined in this plan, we are also assessing our operations on an individual basis to determine what changes are required to enhance performance.

While significant effort has gone into reviewing our structures, systems, governance model and priorities to develop *Collaborating for Safety and Sustainability*, the continuous improvement journey is ongoing and we will keep working together to elevate our performance.

INTRODUCTION

The Canadian Association of Petroleum Producers (CAPP) represents companies that explore for, develop and produce oil and natural gas resources across Canada. CAPP has an Atlantic Canada regional office based in St. John's, NL with a focus on offshore operations, and its work is supported by CAPP's member companies with activities in the region.

CAPP, working with members active in the region, has developed this document — *Collaborating for Safety and Sustainability* — to help facilitate continuous improvement across the Atlantic Canadian offshore industry.

Canada has high standards for environment, health and safety and one of the most stringent regulatory regimes in the world for offshore oil and natural gas development. Our members have comprehensive safety management systems and programs in place related to their specific operations to ensure they meet or exceed all regulatory requirements.

Collaborating for Safety and Sustainability looks beyond the role of individual operators and considers how the industry can increase collaboration and improve information sharing.



VISION AND PURPOSE

Vision

Atlantic Canada is the safest and most environmentally responsible offshore oil and natural gas operating region in the world.

Purpose

To enhance collaboration and information sharing across the offshore oil and natural gas industry, and facilitate continuous improvement in support of safe, responsible and reliable operations.



OBJECTIVES AND FOCUS AREAS

CAPP and our members have developed the following objectives and focus areas based on our observations, experiences and learnings, as well as feedback from governments, regulators and collective industry discussions. This is not a complete list of all objectives and focus areas that CAPP is working on, but rather the key elements of this plan.

OBJECTIVES

- Enhance collaboration and communications with a focus on incident prevention.
- Enhance training and competency for the offshore workforce.
- Enhance spill response capability to minimize the impact of potential releases on the environment.
- Support efforts to reduce greenhouse gas (GHG) emissions.

FOCUS AREAS

Initial focus areas have been grouped into two categories: Increasing Understanding and Information Sharing; and Enhancing Performance. While we will begin to make progress on all of the focus areas identified in this plan in 2020, those identified in the latter category are viewed as longer term initiatives, and some may take longer to implement.

Increasing Understanding and Information Sharing

- Establish common language and understanding related to managing risk and risk assessments.
- Improve understanding of the perception of safety culture amongst the workforce and identify key trends/opportunities for improvement.
- Enhance processes related to sharing lessons learned amongst industry, and between industry and other key stakeholders.
- Collaborate with the contractor community to identify opportunities for alignment and improvement in how operators and contractors work together.
- Enhance training, learning and sharing information to continue to cultivate a culture of identification and mitigation of risk.
- Work with the fishing industry and other stakeholders to improve awareness and communications related to spill response.





FOCUS AREAS (continued)

Enhancing Performance

- Share and adopt best practices related to abnormal or non-routine work situations, adverse weather protocols and safe shut downs and restarts.
- Evaluate opportunities to introduce additional simulation training to enhance competencies.
- Conduct an assessment of spill response capability and implement relevant learnings.
- Work with regulators and governments to enhance training for seabird and marine mammal observers.
- Map current GHG emissions for producing assets, as well as for basin logistics and transportation to identify potential improvement opportunities.
- Evaluate and adopt new leak detection and subsea monitoring technology.
- Identify research and development opportunities related to the objectives identified in this plan.



MEASURING PROGRESS AND SUCCESS

Collaborating for Safety and Sustainability is a living document which will continue to be reviewed and revised as CAPP engages others in this initiative who share its goal of strengthening environment, health and safety in the offshore.

For this initial phase of *Collaborating for Safety and Sustainability*, we will gauge our progress according to the following measures of success:

- Demonstrated increased collaboration and communication amongst operators and between operators and other stakeholders, thereby facilitating incident prevention.
- Enhanced confidence amongst the offshore workforce, government, regulators and the broader public in safety and sustainability of the industry, including industry's ability to respond to oil spills.
- Improved skills and competencies related to recognizing abnormal situations, alarms and weak signals.
- The identification of additional opportunities for improvement, including additional research and development priorities.

Offshore operators view this document as central to their continuous improvement journey. As CAPP members operating in the offshore work to further develop the industry to help meet growing global demand for energy, we will continue to focus on safety and sustainability for the benefit of the thousands of Atlantic Canadians working in this industry.



The Canadian Association of Petroleum Producers (CAPP) represents companies, large and small, that explore for, develop and produce natural gas and crude oil throughout Canada. CAPP's member companies produce about 80 per cent of Canada's natural gas and crude oil. CAPP's associate members provide a wide range of services that support the upstream crude oil and natural gas industry. Together CAPP's members and associate members are an important part of a national industry with revenues from oil and natural gas production of about \$101 billion a year.

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