



International Regulators' Forum
GLOBAL OFFSHORE SAFETY

Problem Statement Initiative

Regulator / Industry Engagement for Progress Across the O&G Sector

November 4, 2021

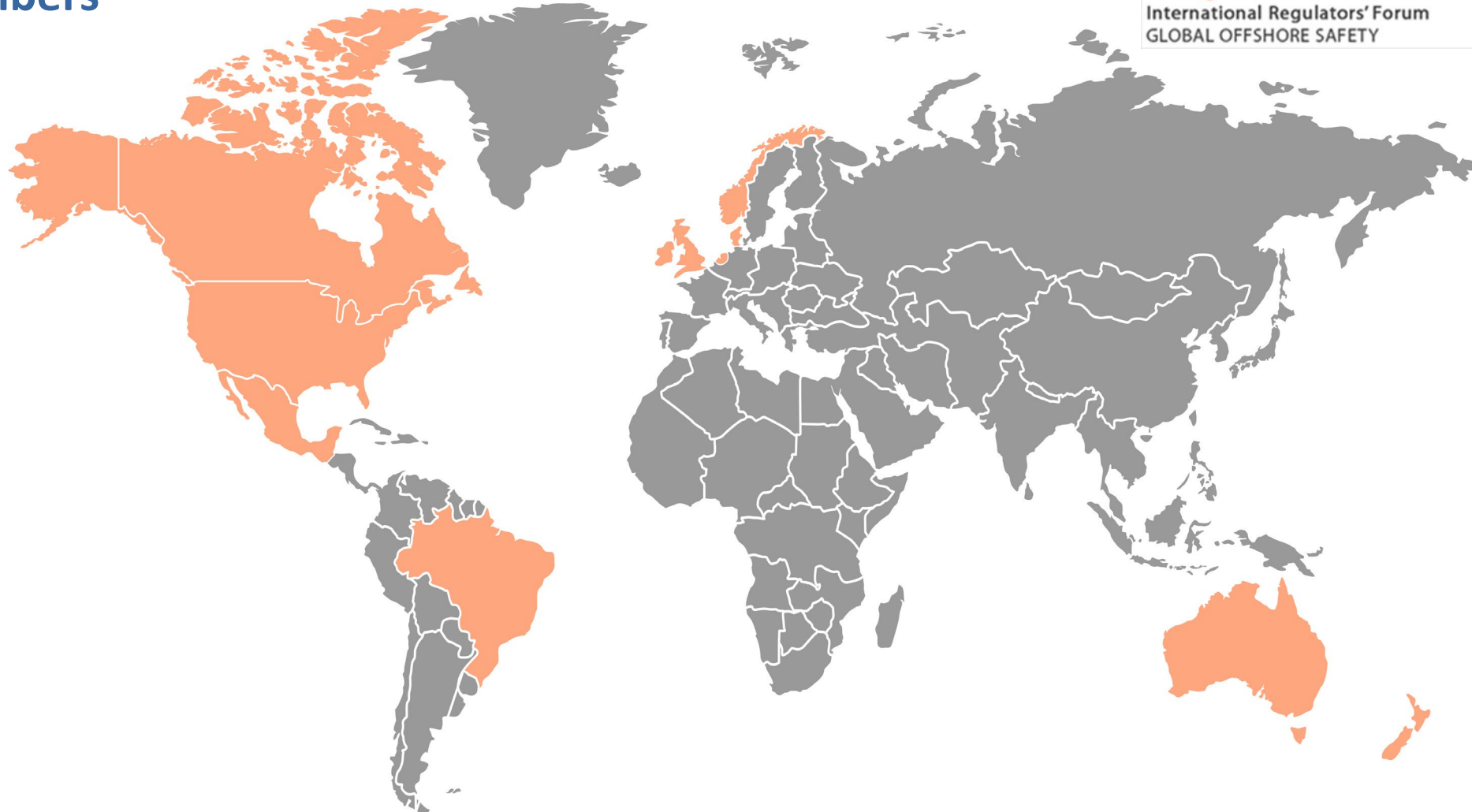


Who We Are

- The International Regulators' Forum (IRF) brings together health and safety regulators of the offshore oil and gas industry from various parts of the world to drive improvements in global offshore safety.
- Established in 1994, membership has grown to 11 countries, and includes some of the world's pre-eminent offshore oil and gas regulators.
- Formal Charter in place; operates under the direction of a Management Committee.
- Typically holds an Annual General Meeting, an informal mid-year meeting and a Safety Conference with industry every 2-3 years.



Members



Canada Energy Regulator

Régie de l'énergie du Canada



CNSOPB



CANADA-NOVA SCOTIA OFFSHORE PETROLEUM BOARD

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Objectives of IRF:

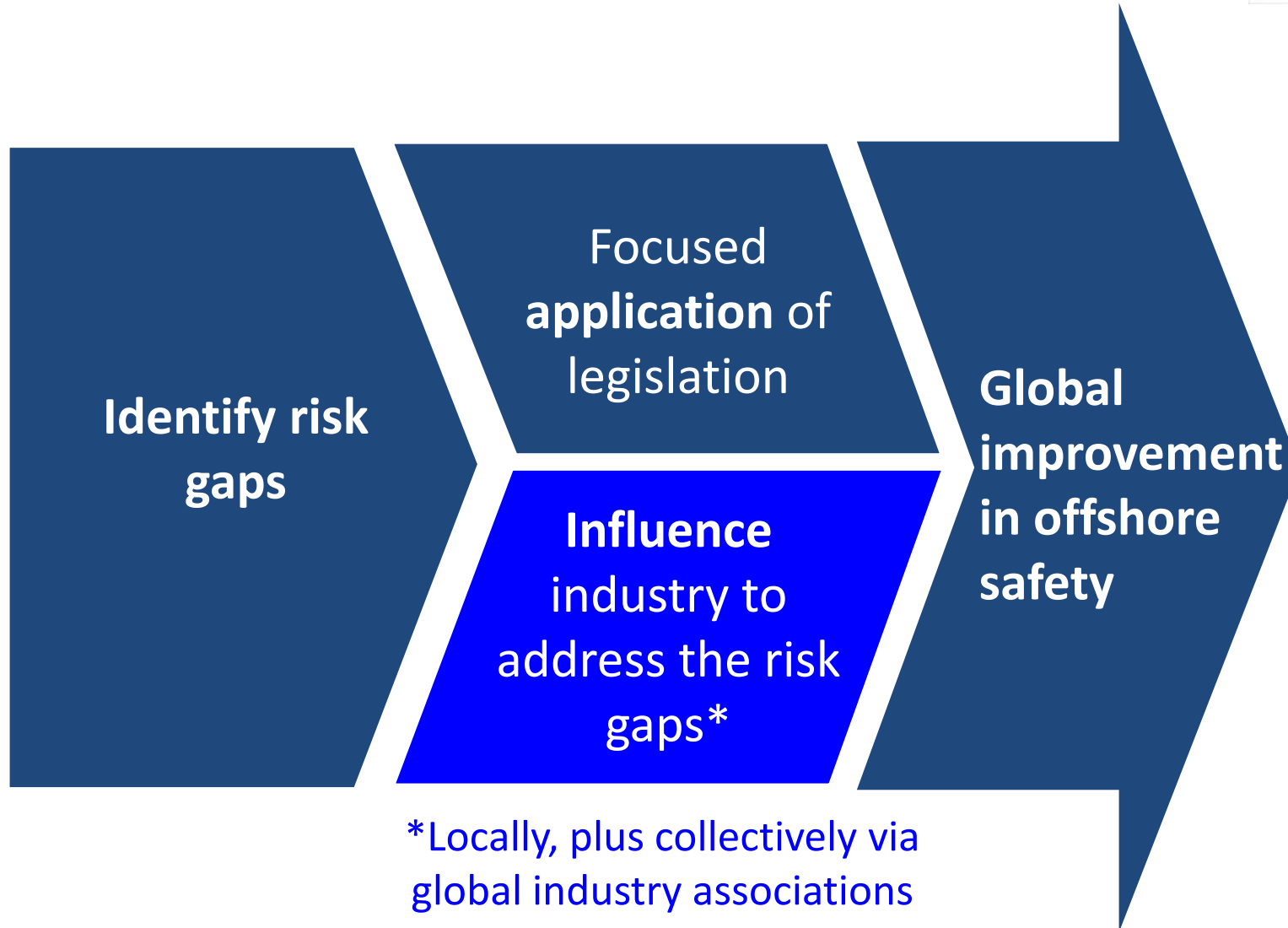
- Using our privileged perspective to share information among regulators on:
 - Offshore health and safety trends;
 - Industry health and safety performance;
 - Lessons from incidents;
 - Industry practices;
 - Regulatory practices; and
 - Measuring the effectiveness of regulatory activities.
- To provide a network of offshore petroleum health and safety regulators for mutual support and advise when required.
- **To promote best sustainable safety performance globally.**

‘Problem Statement’ Initiative

Regulators of petroleum activities are well-positioned to identify risks across the industry.

IRF has developed a “Problem Statement” initiative as a method of highlighting significant issues and encouraging industry to address them collectively.





*Locally, plus collectively via global industry associations

Why IRF?

IRF is ideally positioned to drive safety improvement in the upstream oil & gas industry:

- Privileged access to information
- Global perspective
- Safety focus, often linked to protection of the environment
- Legal powers to enact change
- Influence at many levels

1. Identify common risks and describe in a Problem Statement

IRF and industry have prepared the following 3 problem statements to be addressed through positive engagement

Prevention of well control incidents

- Greater emphasis on “left hand side” of well control bow-tie, particularly with regards to PPFG prediction and monitoring
- IRF contact: NOPSEMA (Australia)

Investigation quality / sharing & application of learnings

- Improve investigation quality and improve ways to embed learnings
- IRF contact: ANP (Brazil)

Digitalisation

- Reducing risks from automated systems with a human-centered design approach
- IRF contact: PSA (Norway)

2. Engage industry to develop solutions

- IRF invite relevant industry organisations (e.g. IOGP/IADC) to develop solutions to the Problem Statements
- IRF “holds the pen” on the Problem Statement
- Industry “holds the pen” on the solutions, and implements desired changes globally



3. Assess solutions and support implementation

- IRF members will assess the proposed solutions, taking into account applicability within their respective jurisdictions
- IRF and international industry associations (e.g. IOGP, IADC) can participate in joint communications to encourage uptake of best practices
- Industry benefits by having accelerated access to best practice opportunities that may support their social license to operate
- IRF to feedback performance in effectiveness of solutions and their implementation

Summary

