

# Canadian Arctic Development – Industry Perspective

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# Canada's Arctic Offshore – Current Context

- **US-Canada Joint Leaders Statement (Dec/2016)**
  - US – Indefinite ban on future exploration licences
  - Canada – 5 year freeze on new exploration licences
- **Strategic Environment Assessments underway in Beaufort Sea/Baffin Bay-Davis Strait**
- **Beaufort Sea license holder consultation**
- **Arctic policy framework being discussed**
- **Potential regulatory changes (CPRA)**

# Canadian 5 Year Exploration Licence Freeze

- **Industry not supportive – impacts investment and R&D**
- **Canadian Arctic – huge potential**
- **Technology is continually improving**
- **Robust regulatory regime in place**
- **5 year review needs to be completed in timely way and provide clarity going forward**

# Arctic Research & Development - Bringing Benefits to Northerners

- **Advancing technologies for arctic development (minimize impact)**
- **Environmental monitoring/data collection (sustainability)**
- **Modern and resilient infrastructure**
- **Canada has become world leader in arctic related research (CHARS)**

# Forming Future R&D Priorities

- **Operations**

- Extreme harsh environment
- Distance to shore
- Personal transport & logistics
- Ice/fog/wind/waves
- Icing on equipment
- Facility design
- Emergency response

- **Digitization**

- Connectivity
- Advanced sensors and analytics
- Robotics and remote control

- **Climate**

- Cold climate technology solutions
- Competitive edge

- **Cross Sectorial and Community Collaboration**

- Marine
- Digitization
- AUVs