

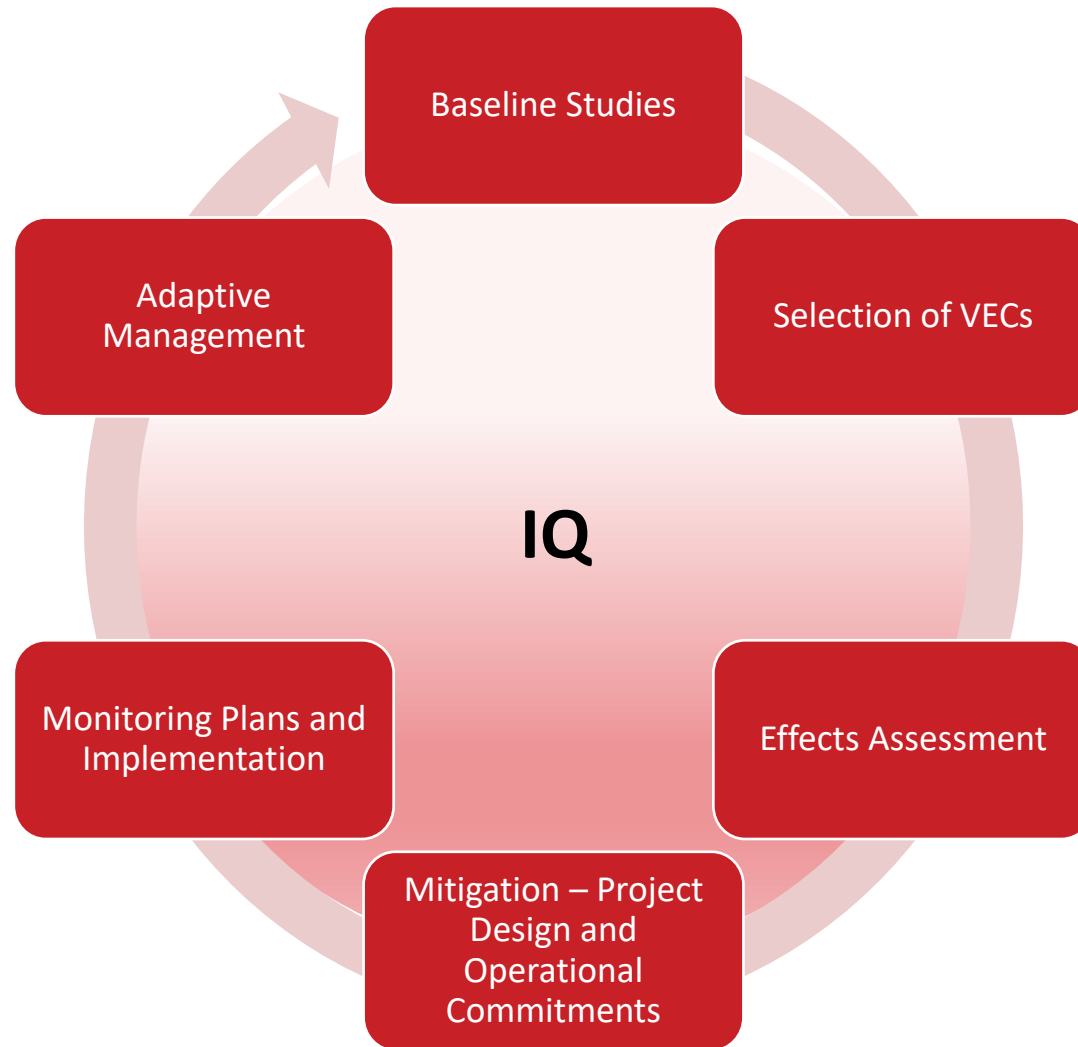
# Baffinland's Approach to IQ

- IQ has been shared with Baffinland since Project development.
- Company has worked to ensure a clear understanding of IQ that has been shared and the best way to integrate into operations and Phase 2 Design.
- IQ is not static- sharing and collection of IQ to continue throughout the life of the Project.

Inuit Qaujimanituqangit (IQ) is reflective of the Inuit knowledge transferred from generation to generation, and captures knowledge of relationships and morality, core values and worldviews, as well as environmental knowledge.



# IQ Integration in Effects Assessment



# Baseline Studies

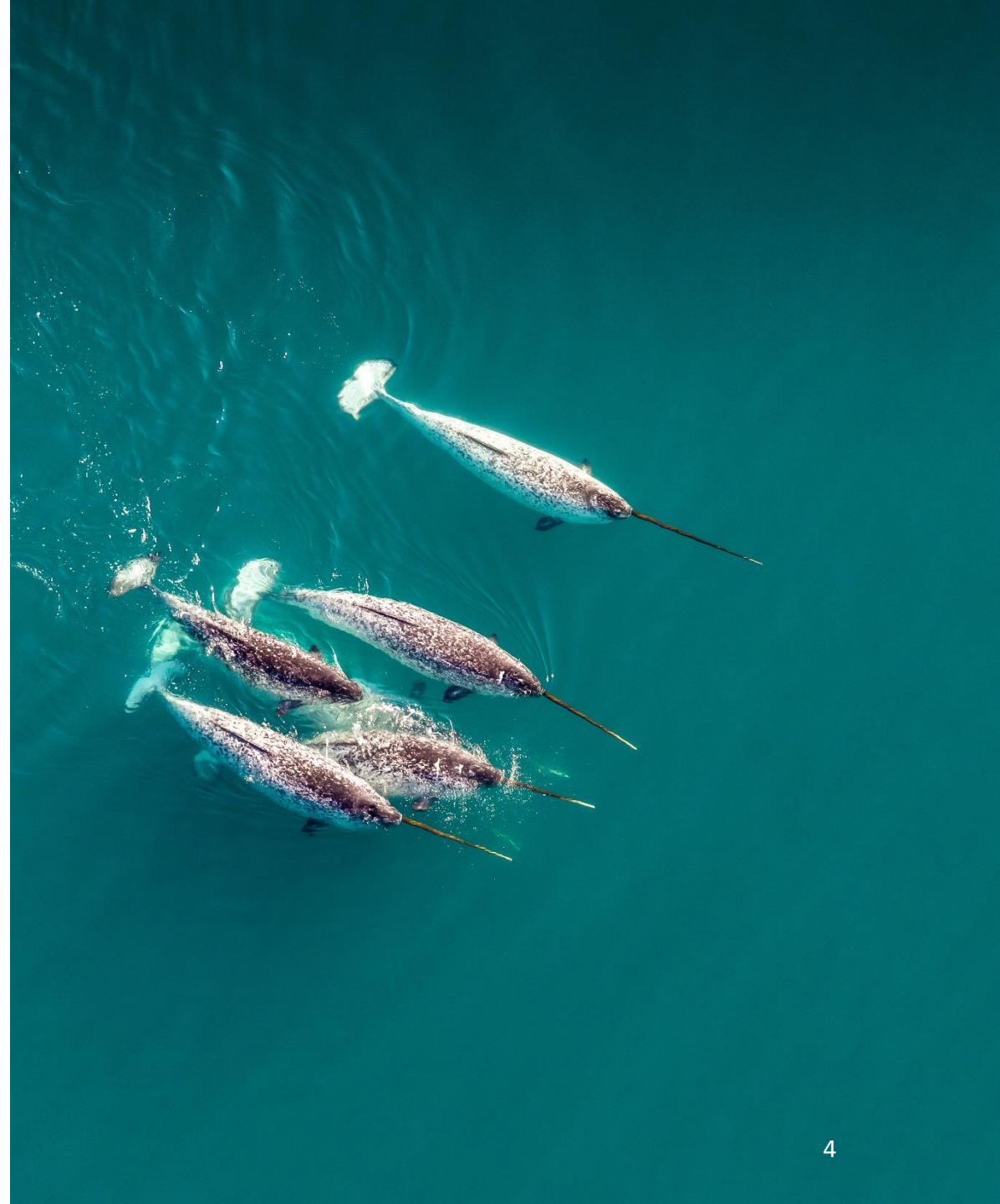
- 2006 to present
- IQ based traditional plant use studies
- Information on caribou behavior, movement, and distribution
- Information on birds in the Project area
- Information on fish species in the Project area
- Distribution of marine mammals
- Species important for harvesting activities
- Land use information
- Areas of cultural value
- TSD 03, 04, 05
  - \*Integrated into effects assessment for each VEC





# Selection of VECs

- Blueberry and Lichen
- Narwhal
- Arctic Char
- Seals
- Caribou
- Water Quality
- Air Quality
- Marine and Terrestrial Travel, Camps and Harvesting
- Human Health



# Effects Assessment

VEC	IQ Considered in Effects Assessment	TSD
Caribou, narwhal, seals, arctic char	Concern for decreased availability of marine mammals, caribou or fish for harvesting	10, 14, 24
Marine and Terrestrial Travel, Camps and Harvesting	Concern for loss of use or avoidance of preferred hunting and fishing areas Concern for loss of use or avoidance of preferred hunting areas, cabins, camps	10, 11, 14, 24, 25
Inuit Lifestyle and Traditions	Concern for decreased security of subsistence food harvesting Concerns on impacts to family life due to rotational work schedule	25

# Project Design

- Winter shipping was removed.
- Switch from outdoor secondary crushing at the Mine Site to development of indoor secondary crushing at Milne Port.
- Shipping period selected to avoid time periods of critical Inuit land use and harvesting activities.
- Shipping route and establishment of restricted areas where vessels cannot travel (e.g. Koluktoo Bay).
- As part of the railroad design, IQ will be used to determine the location of wildlife crossings and human crossings based on Inuit travel routes.
- Movement of rail alignment to Route 3.

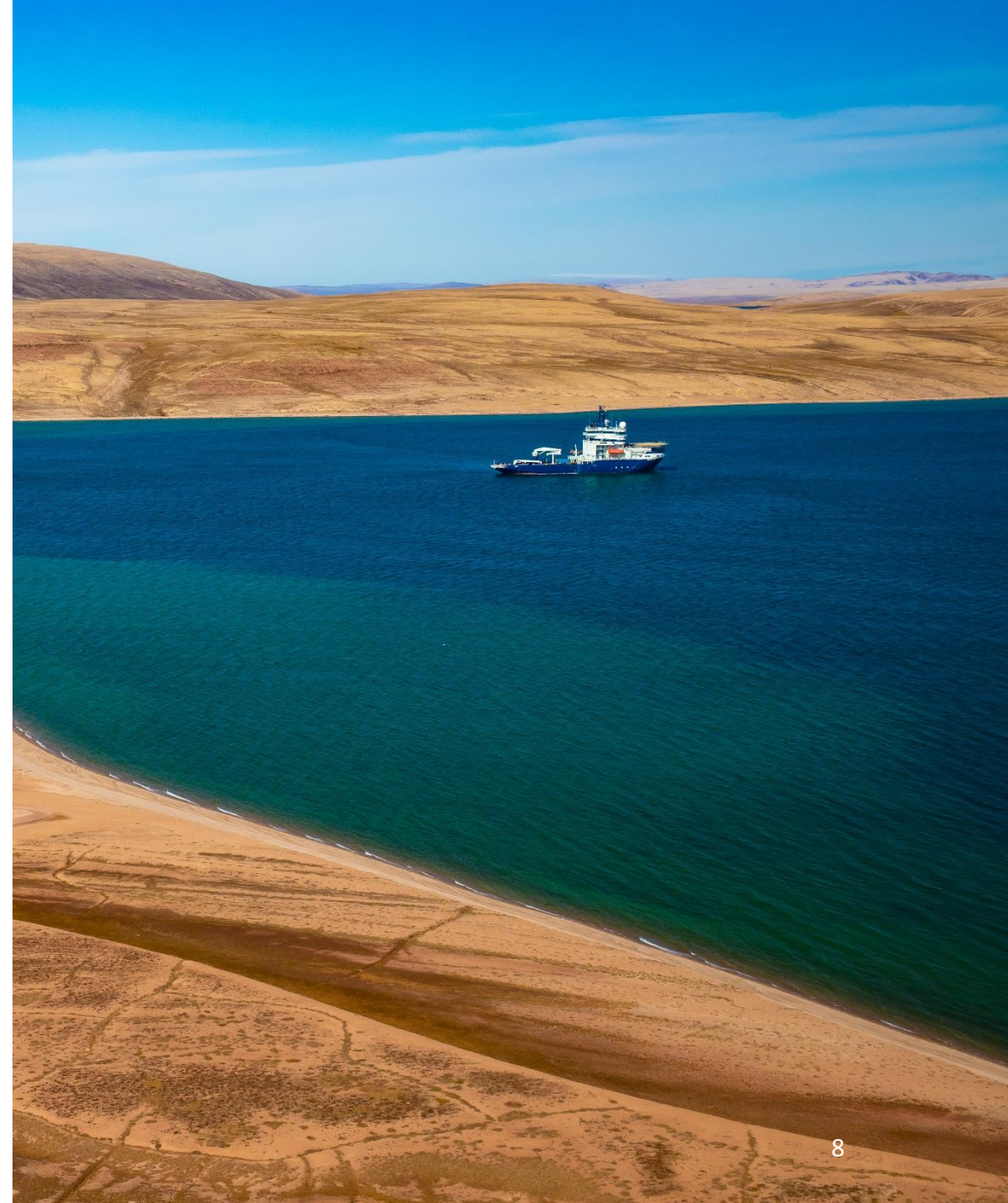
# Environmental Mitigation

- Reduced speeds of Project vessels to continue under Phase 2.
- 40 KM set-back from floe edge of shipping season.
- Confirmation from MHTO that floe edge is closed for hunting.
- Reduced vessel transits in thicker ice conditions.
- Avoidance of ringed seal parturition, nursing and breeding periods
- Use of the hi-railcar during rail operations.
- Commitment to work with MHTO on identification of additional caribou and snowmobile crossings along rail line
- Inclusion of rail line underpasses to maintain known travel routes



# Socio-Economic Mitigation

- Increase in Inuit specific training programs to increase Inuit employment.
- Development of the Community Counsellor program in partnership with the Ilisaqsivik Society.
- Investigation of programming at site to tackle substance abuse issues.
- Inuit Stewardship Plan





# Monitoring

## Current:

- Increased Inuit participation in environmental monitoring programs
- QIA On-Site Environmental Monitors
- Pond Inlet Shipping Monitors
- Participation of MHTO in MEWG and TEWG
- Participation of Hamlets in SEMWG
- MHTO-led Wildlife Monitoring Program

## Additional Enhancements Proposed for Phase 2:

- Inuit participation in environmental decision-making and Project monitoring;
- Joint Baffinland-Inuit Adaptive Management Planning
- QIA will lead creation of the ISP with input from the Inuit Committee and an Inuit Social Oversight Committee as well as impacted communities and Baffinland.

# Inuit Certainty Agreement (ICA)

The Inuit Certainty Agreement provides greater Inuit control and oversight, direct community benefits and new and expanded programs for Inuit in communities impacted by the Mary River Project, with a focus upon Pond Inlet.

- Further integration of Inuit Qaujimajatuqangit (IQ) into the Project;
- Inuit participation in environmental decision-making and Project monitoring;
- Joint Baffinland-Inuit Adaptive Management Planning; and
- A revised benefit system which prioritizes Community Direct Benefits

# Inuit Certainty Agreement (ICA) Key Resolved Issues: Inuit Committee and Inuit Stewardship Plan

- QIA will lead creation of the ISP with input from the Inuit Committee and an Inuit Social Oversight Committee as well as impacted communities and Baffinland.
- The ISP is a framework for Inuit-led monitoring of impacts and changes within communities and on the land, waters and ice as a result of the Project
- It will integrate Inuit monitoring activities and community-based goals into the adaptive management system
- Inuit will implement the ISP and Baffinland will fund the ISP for the life of the Project.



# Inuit Certainty Agreement (ICA)

## Key Resolved Set of Issues: Culture, Resources and Land Use Monitoring

- An Inuit-led CRLU Monitoring Program will be led and overseen by the independent Inuit Committee
- CRLU monitoring will have three types of primary inputs from Inuit:
  - Inputs from dedicated Mary River Project Nauttiqsuqtiit;
  - Inputs from QIA on-site Inuit monitors; and
  - Inputs from community members and existing Baffinland-funded community-based monitoring programs.
- Inputs will be part of the Project-specific and Inuit-led CRLU Monitoring Program, administrated by QIA and overseen by the Inuit Committee.

# Inuit Certainty Agreement (ICA)

## Key Resolved Set of Issues: Adaptive Management

- QIA and Baffinland will jointly develop and approve the AMP and sub-plans.
- Thresholds and actions for adaptive management in the AMP will be based on Inuit, regulatory and Baffinland objectives and requirements
- Inuit will participate in the development and approval of objectives, indicators, thresholds, and response requirements for all environmental sub-plans included

# Summary

- IQ has been integrated through all phases of Project Development
- Baffinland respects and appreciates IQ that has been shared with us
- Commitments made under the Inuit Certainty Agreement related to the Phase 2 proposal strengthen and formalize how Inuit will take a lead role in Project Management and how IQ will be integrated in decision making.
- Baffinland understands that IQ will continue to evolve and be shared with the Company and that this must be considered along with other forms of information gathered to make decisions about Project Management



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Questions?