

$\mathbb{Q} \subset \mathbb{R} \subset \mathbb{C} \subset \mathbb{H} \subset \mathbb{O} \subset \mathbb{S}$

$$\mathfrak{D}^{\dot{\mathfrak{p}}^{\mathfrak{c}} \wedge \mathfrak{r}^{\mathfrak{c}}} \Delta^{\mathfrak{a}}, \Delta^{\mathfrak{c}} \mathfrak{b} \supset \Delta^{\mathfrak{c}}, \text{ da } \mathfrak{D}^{\mathfrak{c}}$$

March 16 - April 17, 2014



Δᾶκτυλ:

[illegible]

[illegible]

ከባለሥልጣናት

መድኃኒት ስራ ለማድረግ የሚገባውን የጥራት ማረጋገጫ ስርዓት ለማረጋገጥ የሚገባውን የጥራት ማረጋገጫ ስርዓት በካቲት 16, 2014 (9:00 ምዕረብ ምዕረብ 5:00 ምዕረብ) በዓለም አቀፍ ስራ ስርዓት		
የሰዓት	ክስተት	የሰዓት
9:00 AM	የጥራት ማረጋገጫ ስርዓት	15 ሰዓት
9:15 AM	መድኃኒት ስራ ለማድረግ የሚገባውን የጥራት ማረጋገጫ ስርዓት ለማረጋገጥ የሚገባውን የጥራት ማረጋገጫ ስርዓት	15 ሰዓት
9:30 AM	ድምፅ - መድኃኒት ስራ ለማድረግ የሚገባውን የጥራት ማረጋገጫ ስርዓት	20 ሰዓት
9:50 AM	ድምፅ - መድኃኒት ስራ ለማድረግ የሚገባውን የጥራት ማረጋገጫ ስርዓት	20 ሰዓት
10:10 AM	ድምፅ - መድኃኒት ስራ ለማድረግ የሚገባውን የጥራት ማረጋገጫ ስርዓት	20 ሰዓት
10:30 AM	ድምፅ ስራ	15 ሰዓት
10:45 AM	ድምፅ - ለማረጋገጥ የሚገባውን የጥራት ማረጋገጫ ስርዓት	20 ሰዓት
11:05 AM	ድምፅ - ለማረጋገጥ የሚገባውን የጥራት ማረጋገጫ ስርዓት	20 ሰዓት
11:25 AM	ድምፅ - ለማረጋገጥ የሚገባውን የጥራት ማረጋገጫ ስርዓት	20 ሰዓት
11:45 AM	ድምፅ ስራ	90 ሰዓት
1:15 PM	ድምፅ - ለማረጋገጥ የሚገባውን የጥራት ማረጋገጫ ስርዓት	20 ሰዓት
1:35 PM	ድምፅ ስራ ለማድረግ የሚገባውን የጥራት ማረጋገጫ ስርዓት	15 ሰዓት
1:45 PM	ድምፅ ስራ ለማድረግ የሚገባውን የጥራት ማረጋገጫ ስርዓት ለማረጋገጥ የሚገባውን የጥራት ማረጋገጫ ስርዓት	75 ሰዓት
3:00 PM	ድምፅ ስራ	30 ሰዓት
3:15 PM	ድምፅ ስራ ለማድረግ የሚገባውን የጥራት ማረጋገጫ ስርዓት ለማረጋገጥ የሚገባውን የጥራት ማረጋገጫ ስርዓት	90 ሰዓት
4:45 PM	ድምፅ ስራ ለማድረግ የሚገባውን የጥራት ማረጋገጫ ስርዓት	15 ሰዓት

¹ ለማረጋገጥ የሚገባውን የጥራት ማረጋገጫ ስርዓት ለማረጋገጥ የሚገባውን የጥራት ማረጋገጫ ስርዓት

መጋቢት ፳፻፲፭ ዓ.ም. ስሜን ምዕራባዊ አፍሪካ ብሔራዊ አስተዳደር ደህንነትና የህዝብ ጥበቃ ሚኒስቴር ልማትና የጥበቃ ሚኒስቴር ልማትና የጥበቃ ሚኒስቴር በካቲት ፳፻፲፭ ዓ.ም. (9:00 ሰዓት ጀምሮ ምሽት 3:00 ሰዓት ድረስ) ዓለማዊ ጥበቃና ልማት ሚኒስቴር		
የጥያቄው ስም	የሰራተኛው ስም	የሰራተኛው ስም
9:00 AM	የጥያቄው ስም 1	15 ሰዓት
9:15 AM	የሰራተኛው ስም: የሰራተኛው ስም ደህንነትና የህዝብ ጥበቃ ሚኒስቴር ልማትና የጥበቃ ሚኒስቴር ልማትና የጥበቃ ሚኒስቴር	40 ሰዓት
9:55 AM	የሰራተኛው ስም: የሰራተኛው ስም ደህንነትና የህዝብ ጥበቃ ሚኒስቴር ልማትና የጥበቃ ሚኒስቴር ልማትና የጥበቃ ሚኒስቴር	35 ሰዓት
10:30 AM	የሰራተኛው ስም	15 ሰዓት
10:45 AM	የሰራተኛው ስም: የሰራተኛው ስም ደህንነትና የህዝብ ጥበቃ ሚኒስቴር ልማትና የጥበቃ ሚኒስቴር ልማትና የጥበቃ ሚኒስቴር	15 ሰዓት
11:00 AM	የሰራተኛው ስም: የሰራተኛው ስም ደህንነትና የህዝብ ጥበቃ ሚኒስቴር ልማትና የጥበቃ ሚኒስቴር ልማትና የጥበቃ ሚኒስቴር	45 ሰዓት
11:45 AM	የሰራተኛው ስም	90 ሰዓት
1:00 PM	የሰራተኛው ስም: የሰራተኛው ስም ደህንነትና የህዝብ ጥበቃ ሚኒስቴር ልማትና የጥበቃ ሚኒስቴር ልማትና የጥበቃ ሚኒስቴር	90 ሰዓት
2:30 PM	የሰራተኛው ስም: የሰራተኛው ስም ደህንነትና የህዝብ ጥበቃ ሚኒስቴር ልማትና የጥበቃ ሚኒስቴር ልማትና የጥበቃ ሚኒስቴር	30 ሰዓት
3:00 PM	የሰራተኛው ስም: የሰራተኛው ስም ደህንነትና የህዝብ ጥበቃ ሚኒስቴር ልማትና የጥበቃ ሚኒስቴር ልማትና የጥበቃ ሚኒስቴር	

$$\Delta C^a \sigma \triangleleft^{\epsilon} \rho^a \dot{\triangleleft}^{\epsilon} \sigma \triangleright^{\epsilon} :$$
[illegible]

- [illegible]

[illegible][illegible]

[illegible]

[illegible]

ደብዳቤው ጋንዲና ለርኬታዊነት ለሚገባው ለሚገባው
ደብዳቤ ለርኬታዊነት ለሚገባው ለሚገባው
ደብዳቤ ለርኬታዊነት ለሚገባው ለሚገባው

[illegible]

1. የታሪክ ልማት ለአገራችን ድጋፍ ለሰጠው ልዩ ምስጋናዎቻችን?
2. የታሪክ ልማት ለአገራችን ድጋፍ ለሰጠው ልዩ ምስጋናዎቻችን?
3. ድጋፍ ለሰጠው ልዩ ምስጋናዎቻችን?
4. ለሰጠው ልዩ ምስጋናዎቻችን ለሰጠው ልዩ ምስጋናዎቻችን?

[illegible]

- [illegible]

[illegible]

- [illegible]

[illegible]

- [illegible]

[illegible]

- [illegible]

ልረኡሮ ለኅርድረኛ ድክሃናፍረድጋሮ ልብረሃባባሙ ለረሃ ነጥሃንድሙሴ ልረኤ 4 ከሊንድሙናጥ ጋሃናድሰኛ. ለኅርድረኛ ከሊጋዲሃላሞሙና ነጥሃንድረሙ በጥረሙ፣ ልረኤከሊበርድሙና ነጥሃንድሙ ከድሙ ልረኤ 5 ላረሃ ልረኤ 6 ከሊንድሙናጥ ጋሃናድሰኛ. ልወልከረሃባሮ ልጋናላሮ ላረሃ ልሞረሃባሞሙ ልረኤ 4 ከሊንድሙናጥ ጋሃናድሰኛ፣ ልረኤ ልረኤ 4 ከሊንድ ለድሞሮጋጥ ልወረሙ ልጋልጋዲሃሮ ልረኤሃባሮ ነጥሃንድሞሮሊረ. ርልሊኤረረኤ፣ ርሊከደ ጥሙናልሮ ከሊንድ ልረኤከጥርድሊረ ልጥረኤሙ ልብረሃባባሙ ወዲኤከሰድሮ ድሞረሙ ከሊንድሞሮሊረ ልኅሊኤሙ ነድሞሙሴ ሙረሮ ከሊበርድሞሮ ሊወዲሊሮ ልሞሙሙ ከሊንድሙ. ለሊከሊኃና ርሊከደ ጥሙናልሮ ነጥሃንድሞረሃባ ለላላኤሮሞሞ ጋኃኤሊሮ ከሊጋረኤ ልጋሞሴ ርበጋዲሞሮጋሙ ለልኤሙ ላረሃ ልጋናላሙ ርረሃረሙ ከሊንድ.

- [illegible]

[illegible]

በሂደቱ ላይ ያለውን ለውጥ ለማረጋገጥ የሚያስፈልጉትን ሰነዶች ለማግኘት የሚያስፈልግ ሆኖ ተገልጿል፡፡

- ለሰነዱ ለማረጋገጥ የሚያስፈልጉትን ሰነዶች ለማግኘት የሚያስፈልግ ሆኖ ተገልጿል፡፡

ክፍል 3

- ለሰነዱ ለማረጋገጥ የሚያስፈልጉትን ሰነዶች ለማግኘት የሚያስፈልግ ሆኖ ተገልጿል፡፡
- ለሰነዱ ለማረጋገጥ የሚያስፈልጉትን ሰነዶች ለማግኘት የሚያስፈልግ ሆኖ ተገልጿል፡፡
- ለሰነዱ ለማረጋገጥ የሚያስፈልጉትን ሰነዶች ለማግኘት የሚያስፈልግ ሆኖ ተገልጿል፡፡

604273

- [illegible]

▷ΔJ^u 1

ΔC^aΔσ^rΔ^uσ^rΓ ▷σ^bb^c

[illegible]

Nunavut Wildlife Management Board – Vision

[illegible]

Nunavut Wildlife Management Board – Responsibility for Habitat

ፌዴራል ኃይላትና ልዩ ክብራት - ልዩነትና ልዩነት

- As the main instrument of wildlife management the NWMB is responsible for protecting wildlife and its habitat and will perform various functions to do so (NLCA 5.2.34).
- ካዲከፕሮጋንብ ስለተመሰረተ በአጠቃላይ የእርምጃና የስጦታ ማስፈጸም ይችላል፡፡ እነዚህም የእርምጃና የስጦታ ማስፈጸም ለማድረግ የሚያስፈልጉትን ሁሉም ምንጮች ይጠቀማል፡፡

Nunavut Wildlife Management Board – Habitat Related Functions

ፌዴራል ኃይሎች ለጥቅምት 2019 - ሚያዝያ 2019
 ለጥቅምት 2019

- Approve the establishment, disestablishment, and changes to boundaries of Conservation Areas, related to management and protection of wildlife and wildlife habitat (NLCA 5.2.34 (a)).
- ᐃᓄᓯᑦᕈᑦ ᐃᓴᓱᓴᑦᕋᑦᕈᑦ, ᐱᓪᓴᑦᕋᑦᕈᑦ, ᐃᒻᒪᑦ ᐃᓲᓴᓴᑦᕋᑦᕈᑦ ᓱᑦᑕᓄᓯᑦ ᐱᐅᓴᓴᑦᕋᑦᕈᑦ ᐃᑕᓴᑦ ᐃᐅᑕᓴᓴᑦᕈᑦ ᐃᒻᒪᑦ ᓴᑦᕈᓴᓴᑦᕈᑦ ᐆᒻᒪᓴᓴᑦ ᐃᒻᒪᑦ ᐆᒻᒪᓴᑦ ᐃᒻᒪᓄᓯᑦᕈᑦ (ᓄᐃᓴᑦᕋᑦᕈᑦ 5.2.34(a)).

Nunavut Wildlife Management Board – Habitat Related Functions

[illegible]

- Identify wildlife management zones and areas of high biological productivity and provide recommendations to the Nunavut Planning Commission with respect to planning in those areas (NLCA 5.2.34 (b)).

Nunavut Wildlife Management Board – Habitat Related Functions

ፌዴራል ኮሌጅ ስራ ማረጋገጫ ህዝብ አገልግሎት - ልማት
 ልማት ልማት

- Approve plans for management and protection of particular wildlife habitats including areas within Conservation Areas, Territorial Parks and National Parks (NLCA 5.2.34 (c)).

Nunavut Wildlife Management Board – Habitat Related Functions

ፌዴራል ኃይማኖትና ህይወት ትብብር - ዲፕሎማሲ

- Provide advice regarding mitigation measures and compensation to be required from commercial and industrial developers who cause damage to wildlife habitat (NLCA 5.2.34 (e)).

Habitat Management and Protection Workshop – Why?

[illegible]

- Increases in exploration and development of mining, oil and gas, and energy production projects.
- ልዩ ጥናት፣ የኃይል አቅርቦት፣ ንግድ፣ እና የሽያጭ ዘመናዊነት ማስተካከል።
- Increases in shipping traffic, ecotourism, and commercial enterprises
- ልዩ ጥናት፣ የኃይል አቅርቦት፣ ንግድ፣ እና የሽያጭ ዘመናዊነት ማስተካከል።

[illegible]

Habitat Management and Protection Workshop – Why?

[illegible]

Habitat Management and Protection Workshop – Why?

ᐱᖃᓴᓂᑦ ᐱᐅᐸᓴᓴᓂᑦᓴᓴᓴᓴ ᐱᓴᓴᓴ ᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴ
ᐅᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴ – ᓴᓴᓴᓴ?

- Developing the program will help define the NWMB's role in the management and protection of Nunavut's wildlife habitat as set out in the NLCA.
- ᐱᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴ ᐱᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴ ᐅᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴ ᐱᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴ ᐱᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴ ᐱᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴ ᐱᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴ ᐱᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴ ᐱᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴ.

Habitat Management and Protection Workshop – Goal

ᐱᖃᓴᓂᑦ ᐱᐅᐸᓴᓴᓂᑦᓴᓴᓴᓴ ᐱᓴᓴᓴ ᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴ
ᐅᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴ – ᐅᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴ

- The principal goal is to bring together managers of habitat in Nunavut, to discuss habitat management and protection in Nunavut.
- ᐅᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴ ᐅᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴ ᐱᐅᐸᓴᓴᓴᓴᓴᓴ ᐱᖃᓴᓂᑦ ᐱᐅᐸᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴ ᐱᖃᓴᓂᑦ ᐱᐅᐸᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴᓴ.

Habitat Management and Protection Workshop – Objectives

[illegible]

- Identify existing programs, initiatives, and associated knowledge gaps.
- ደረጃውን ማሳደግና ለርኅክልታማነት ለመስተጋገም ማድረግ፣ ለጥያቄዎች መሟላት፣ ለጥያቄዎች ምላሽ መስጠትና ለርኅክልታማነት ማድረግ።
- Identify areas requiring intensified management and/or protection
- ደረጃውን ማሳደግና ደረጃውን ለመጨመር ለማድረግ፣ ለጥያቄዎች መሟላት፣ ለጥያቄዎች ምላሽ መስጠትና ለርኅክልታማነት ማድረግ።

Habitat Management and Protection Workshop – Objectives

[illegible]

- [illegible]

Habitat Management and Protection Workshop – Objectives

[illegible]

- Determine how NWMB's *Habitat Management and Protection Program* can assist in addressing those concerns and needs.
- ፌዴራልና ስቴት ደረጃ ላይ የሚኖሩ አባላትን በተመለከተ ጥያቄዎችን ማስተላለፍ እና መረጃ ማቅረብ፡፡

Habitat Management and Protection Workshop – Outcomes

[illegible]

- Written report summarizing workshop.
- በበጥናት ሪፖርት ላይ ለሚገኙት ስራዎች ማረጋገጫ ማድረግ፡
- Develop guidelines for NWMB's *Habitat Management and Protection Program*.
- ለጥናት ሪፖርት ማዘጋጀት ያለባቸውን ሰነዶች ማረጋገጥ፡

Questions / Comments

◁Λ^{ፍፋ}ፈፋ^ፍ / ▷^{ፍፋ}▷^{ፍፋ}ፍ^ፍ



መደግ ላዩርብላይት ከባላቶ ጋህኤኤቶም መደግ ትላረብላይት
ከባላቶም ልሮላይትቦቶም ከባላቶቦቶቦቶ ልሮላይት
ደላይትቦቶ ልሮላይት ልሮላይት ልሮላይት ልሮላይት ልሮላይት

Δ^εβΔ^ε, 16 & 17, 2014



NIRB Information Presentation for the Nunavut Wildlife Management Board's Workshop on habitat management and protection in Nunavut

Iqaluit, January 16 & 17, 2014

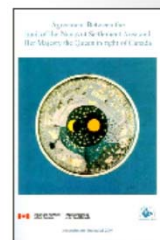
ራዕይዎ ምን ዓይነት ልዩነቶች አሉ?

What is the NIRB?

- ወደቅፋ ሳይንስና ቴክኖሎጂ ቦርድ (NIRB) በፓብሊክ ምክር ቤት አገልግሎት ማስጠበቅ ለአካባቢያዊ ምክትል ምክር ቤት የሚመለከተውን ሁሉም ምርጫዊ ስራዎች ለማስፈጸምና ለማረጋገጥ ነው፡፡
- The Nunavut Impact Review Board (NIRB) is an institution of public government responsible for environmental impact assessment of proposed projects in Nunavut



- ወደፊት ለጋራ ምርጫ ምክር ቤቶች
- ለጥቅም ላይ የዋለው ምርጫ ምክር ቤቶች ምክር ቤቶች
- ለጥቅም ላይ የዋለው ምርጫ ምክር ቤቶች



- Land Use Planning
- Environmental Impact Assessment
- Water Licensing



- ወዲያው ላይ በብርሰት ባለው (NIRB) ለጥራት ምርመራ ምክር ቤቱ ሲሆን፡
 - ለጥራት ምርመራው የሚያስፈልጉትን የጥራት ምርመራ ሰነድ ይሰጣል
 - ይህም ሰነድ ለጥራት ምርመራው ለሚያስፈልጉት ሌሎች ሰነዶች ይያያዛል
 - የጥራት ምርመራው ለሚያስፈልጉት ሌሎች ሰነዶች ለሚያስፈልጉት ሌሎች ሰነዶች
 - ለጥራት ምርመራው ለሚያስፈልጉት ሌሎች ሰነዶች ለሚያስፈልጉት ሌሎች ሰነዶች
 - ለጥራት ምርመራው ለሚያስፈልጉት ሌሎች ሰነዶች ለሚያስፈልጉት ሌሎች ሰነዶች

- The Nunavut Impact Review Board (NIRB) is responsible to:
 - Screen project proposals to determine whether or not a review is required
 - Gauge and define extent of regional impacts
 - Review ecosystemic and socio-economic impacts of project proposals
 - Determine whether project proposals should proceed, and if so, under what terms and conditions
 - Monitor projects that have been approved to proceed



NIRB and the NWMB

- መጋዘን ወርሃውያኑ ሊቀበሉ የሚችሉ ናቸው ብለው አስተማረውም፡፡
በአጠቃላይ በአጭር ጊዜ ውስጥ በየደረጃውም እና በየትኩረት
የሆነውን ማመልከት ያስፈልጋል።
- The NLCA (5.2.34) notes that the NWMB may provide advice to NIRB
regarding mitigation measures and compensation to be required from
commercial and industrial developers who cause damage to wildlife
habitat
- ንግድና ምርት ሲፈጽሙ የሚኖሩትን የእንስሶች ህይወት
በአጭር ጊዜ ውስጥ በየደረጃውም እና በየትኩረት
የሆነውን ማመልከት ያስፈልጋል።
- Information made publicly available by the NWMB may help inform the NIRB's
assessments



11

$\triangleleft \nabla \cap \subseteq \cup^b d^c$ $d^c \subseteq \cup^b <^c?$

What does NIRB do?

[illegible]

- ፖሊስና ፍርድ ቤቶች ለጥያቄው ደግሞ ማስረጃ ሊያስጡ ይችላሉ

NIRB's Mission is:

- To protect and promote the well being of the Environment and Nunavummiut through the Impact Assessment process



ገቢዎቹ ለግንዛቤ ምርመራ ማድረግ ይቻላል?

What is Impact Assessment?

- በፋይናንስያል ግንዛቤ ምርመራ ለግንዛቤ ምርመራ ማድረግ
 - ወደፊት ለምትገኝ ምርመራ
 - ማዕከላዊ ምርመራ
- ለግንዛቤ ምርመራ ማድረግ ለግንዛቤ ምርመራ ማድረግ
- Predict and understand potential effects of developments proposed
 - In the Nunavut Settlement Area
 - All kinds of development
- Provide ways to limit or reduce the impacts of proposed development

{ 13 }

ገቢዎቹ ለግንዛቤ ምርመራ ማድረግ ይቻላል?

What is Screening?

ፋይናንስያል ምርመራ ማድረግ ለግንዛቤ ምርመራ ማድረግ ማድረግ - ማድረግ ?

ለምርመራ ማድረግ ማድረግ:

- ለምርመራ ማድረግ ማድረግ
 - ለምርመራ ማድረግ ማድረግ ማድረግ ማድረግ
- ለምርመራ ማድረግ ማድረግ ማድረግ ማድረግ ማድረግ
- ለምርመራ ማድረግ ማድረግ ማድረግ ማድረግ ማድረግ

For the NIRB to determine whether or not a "Review" of the project is required – how?

Main things to consider:

- Is there public concern?
 - Ask people in the communities, government, KIA
- Would there be impacts to Wildlife? Harvesting? People?
- Would the project use new technology that might have impacts we don't know much about?

{ 14 }

ገፈመ ልዩበርቲዮብ ናይጉሳኛፍቅር?

What does NIRB Screen?

ኤፌልጋመ ለርብፍታ?

- ልዩብ / ልብፍታ
- ልዩፍታ / ልዩብ
- ናይጉሳኛፍቅር
- ልዩብፍታ
- ልዩብፍታፍቅር
- ልዩብፍታ ናይጉሳኛፍቅር
- ልዩብፍታ ናይጉሳኛፍቅር



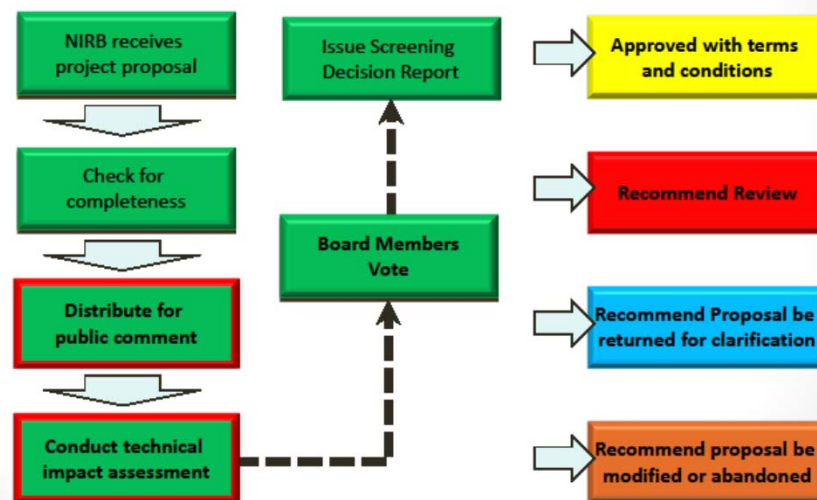
What types of project proposals?

- Roads / trails
- Marine infrastructure
- Research
- Exploration
- Mining developments
- Seismic activity
- DEW Line Cleanups



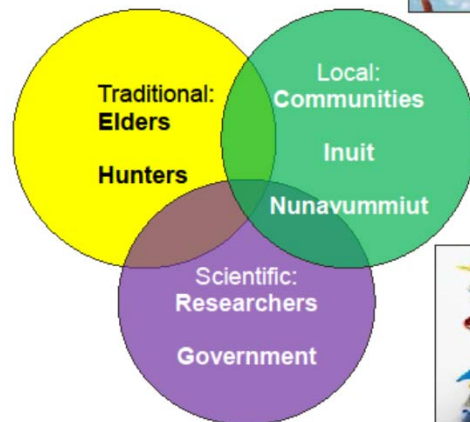
15

The Screening Process



17

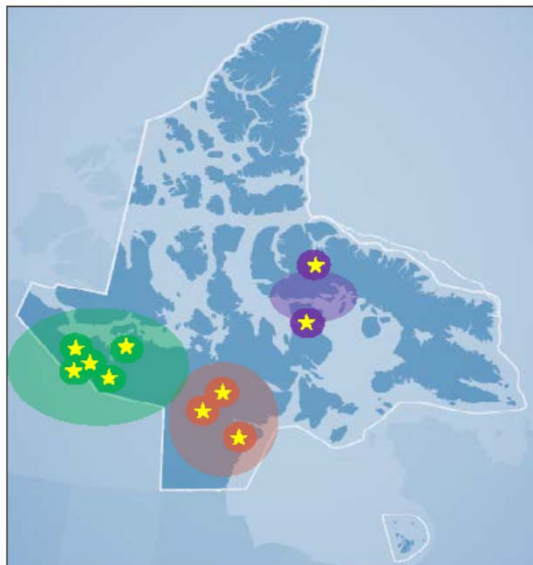
Knowledge in the NIRB Process



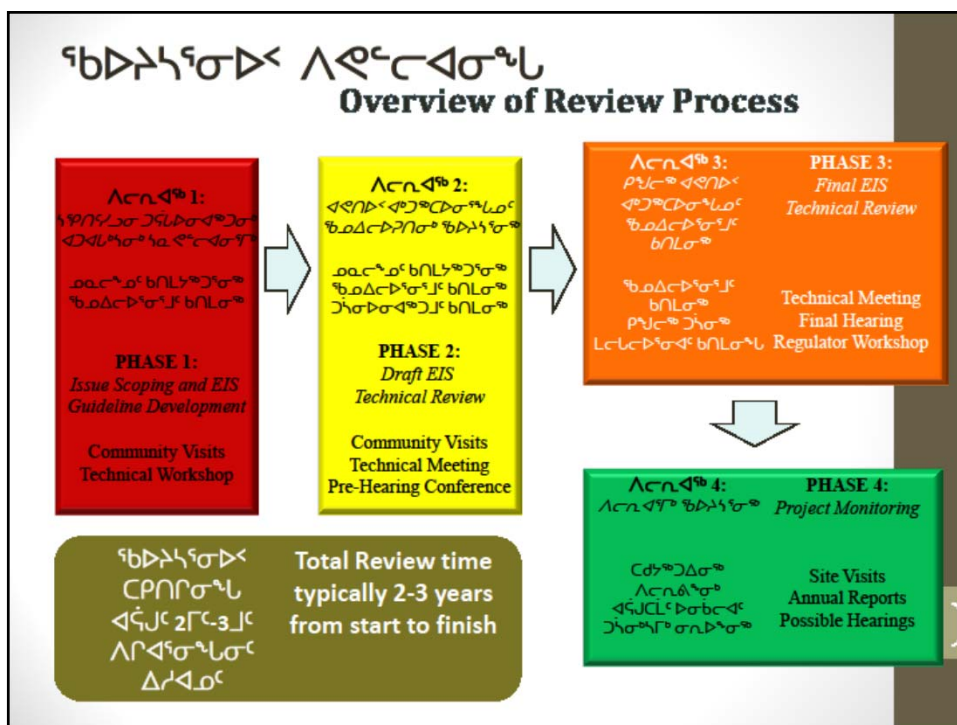
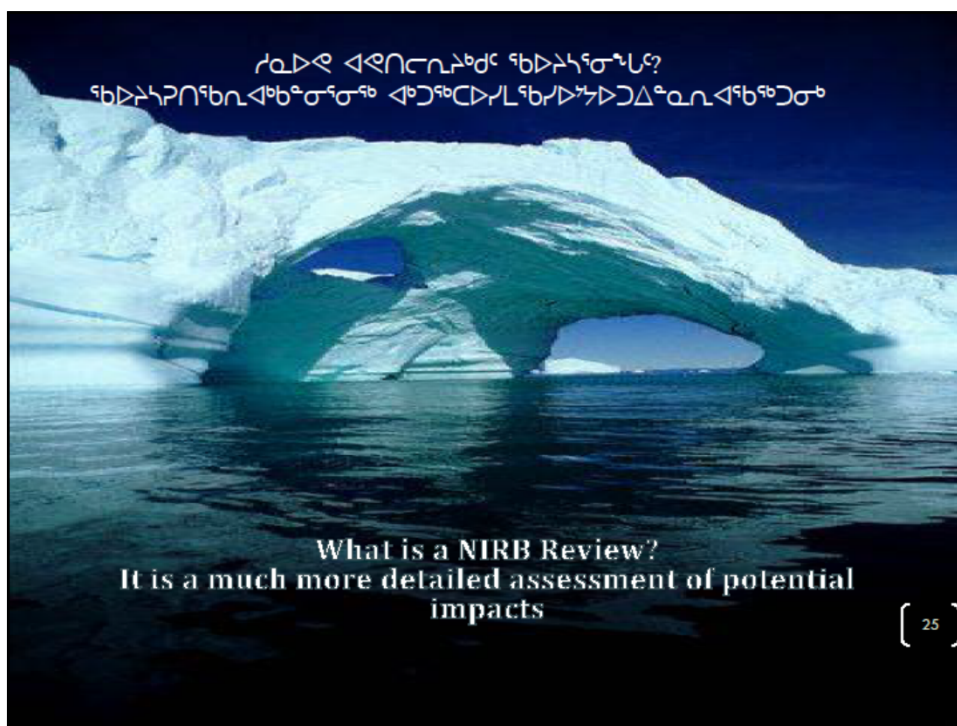
[19]

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Cumulative Impacts



[22]





ወይም ኮሎኒያል ልምድ ወይም ሌላ ልምድ
ከሌላው

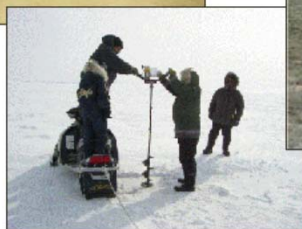
NWMB and the NIRB

- ሙያዊ ልዩነቶችን ለመለየትና ለመለካተት ለሚያስችል የሥራ ሂደት ማቅረቢያ ማድረግ
- The NIRB may be able to utilize information from the NWMB on habitat or species at risk within its assessment of potential impacts
- ከሥራው ሂደት ውጭ ሌሎች ማሳሰቢያዎችን ማቅረብ
- Outcomes from this workshop are of interest to the NIRB



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ፈርርጅ ነፍሳተኛ ጋር ለሥራ ስራ ለመሆን ለሀገራችን
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What we learn from other agencies and the public is very important to NIRB's Environmental Assessment process...

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▷⁵ԵՆԵՆՈՐ ՀՐԵՆՐՇԻՃԻ:

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Δ⁹ἑξάγωνον, ὁμοῦ

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Nunavut Planning Commission
Commission d'aménagement du Nunavut

Presentation prepared for:

Habitat Management and Protection Workshop

Iqaluit, Nunavut

January 16-17
2014



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Nunavut Planning Commission
Commission d'aménagement du Nunavut

Presentation Overview

- Nunavut Planning Commission background info
- Draft Nunavut Land Use Plan
- Engagement/community meetings on the Draft Nunavut Land Use Plan
- Key Dates

Nunavut Planning Commission



- Who are we and what do we do?:

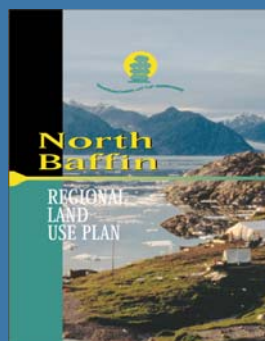
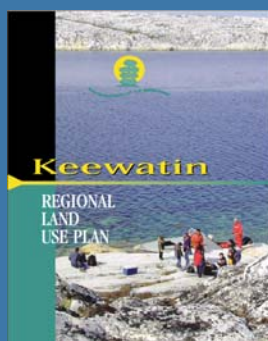
The NPC was established under the Nunavut Land Claims Agreement to prepare and implement land use plans that guide and direct resource use and development



Nunavut Planning Commission



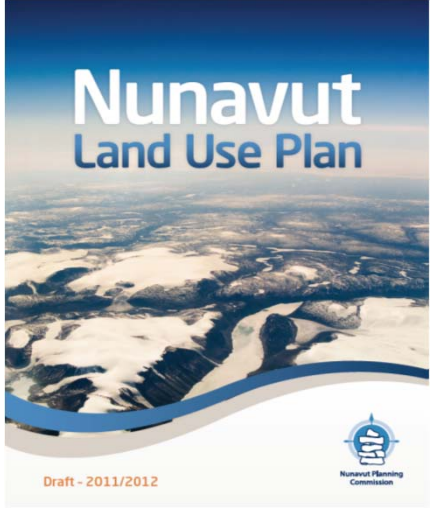
Currently Approved Plans



Nunavut Land Use Plan


 Nunavut Planning Commission
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 Nunavut Planning Commission

- The Draft Nunavut Land Use Plan was released on September 7, 2012 and the Commission is gathering feedback on it.



Draft - 2011/2012


 Nunavut Planning Commission

Nunavut Land Use Plan


 Nunavut Planning Commission
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 Nunavut Planning Commission

The Draft Plan identifies and manages areas and issues important to:

- Protecting and Sustaining the Environment
- Encouraging Conservation Planning
- Building Healthier Communities
- Encouraging Sustainable Economic Development
- Mixed Use

Engagement



The Commission has prepared two documents that outline how the Commission is engaging different groups:

- Community Engagement Strategy
 - How the Commission is engaging communities
- A Guide to Engagement
 - How the Commission is engaging government, NTI, RIAs, IPGs, industry, etc.

Community Meetings



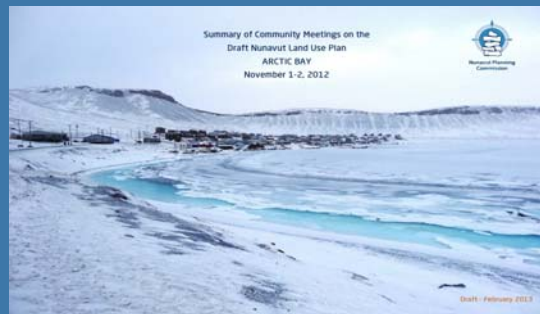
- The NPC is hosting workshops in every Nunavut municipality to gather feedback on the Draft Plan
- We have held community meetings and follow up visits in all 13 Qikiqtani Region communities, most of Kivalliq Region, as well as Nunavik.
- We will visit all Nunavut communities by the end of Spring 2014



Community Meetings



- Community reports have been completed for each community and are publicly available



Framework for Engagement



In addition to community meetings, the following 4 phases were developed to guide the engagement of other interested parties:

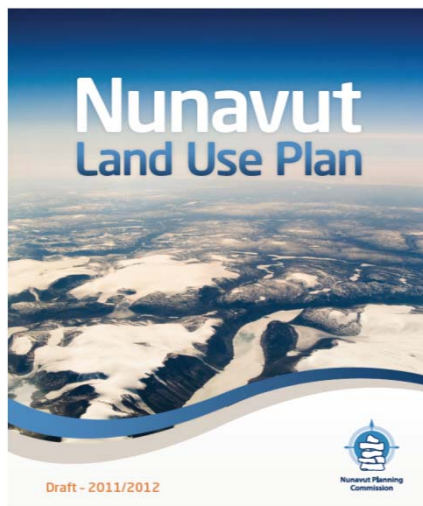
- Phase 1: The Consultation Phase (September 2012 – May 2014)
 - Meetings, workshops, and written submissions on the DNLUP
- Phase 2: Preparation for Public Hearing (June 2014 – November 2014)
 - Revise Options and Recommendations document and circulate for review
- Phase 3: Public Hearing (November 2014)
 - Discuss potential changes to the DNLUP
- Phase 4: Submission of a Final DNLUP (December 2014 – March 2015)
 - Revise DNLUP in consideration of Public Hearing and submit for approval

Key Dates



- Public Hearing Scheduled for November 2014
- DNLUP Submission date March 2015

Questions?



HUNTERS & TRAPPERS ORGANIZATIONS

Implementing the Nunavut Land Claims Agreement

Schedule 3 of the Implementation Contract

The Nunavut Final Agreement provides for the establishment of institutions of public government to fulfil lands and resources management functions related to wildlife management, land use planning, environmental assessment and the regulation of water use.

The Agreement provides for the creation of the NWNB, NPC, NIRB, NWB and SRT and also describes their functions, structures and interrelationships.

The Implementation Guidelines were prepared by the Implementation Planning Working Group (IPWG) to give initial guidance to those involved in the creation and early operations of the institutions of public government. In relation to the NWMB, the Guidelines are intended to provide an overview of the principles and objectives upon which the management of wildlife in the Nunavut Settlement Area is based, the mandate of the NWMB and its relationship to the other institutions of public government and to the Regional Wildlife Organizations (RWOs) and Hunters and Trappers Organizations (HTOs).

The NWB, NPC, SRT, and NIRB, together with the NWMB, RWOs and HTOs all form part of a broader lands and resources management system operating in the Nunavut Settlement Area.

HTO Experiences with the Environmental Review Process

- ▣ Kugluktuk
- ▣ Baker Lake
- ▣ Rankin Inlet
- ▣ Pond Inlet
- ▣ North Baffin Communities
- ▣ Cooperation and Coordination
- ▣ Support from RIAs and NTI

Issues

- ▣ Participant Funding
- ▣ Caribou Protection Measures
- ▣ Monitoring and Enforcement of Land Use Permits
 - AANDC with Crown Land
 - RIAs with Inuit Owned Land
- ▣ Transboundary Issues
 - NWT
 - Manitoba & Saskatchewan

NIRB Process

- ▣ Community meetings and consultations
- ▣ Information Requests
- ▣ Intervener Status
- ▣ Technical Capacity
- ▣ Community Issues
- ▣ Impacts & Benefits

Fisheries and Oceans
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Canada



Fisheries Protection Program: an overview

January 2014

1



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Amendments to the *Fisheries Act*

- Amendments to the *Fisheries Act* passed through Parliament and received Royal Assent on June 29 and December 14, 2012
- All amendments have been in effect as of November 25, 2013
- Fisheries and Oceans Canada (DFO) is transforming its approach to fisheries protection in order to:
 - Focus the Act's regulatory regime on managing threats to the sustainability of Canada's commercial, recreational and Aboriginal fisheries;
 - Provide enhanced compliance and protection tools for these fisheries
 - Provide clarity, certainty and consistency of regulatory requirements through the use of tools such as standards and regulations; and
 - Enable enhanced partnerships with agencies and organizations that are best placed to provide fisheries protection services to Canadians.

2





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Fisheries Protection Policy Statement

- Replaces the Policy for the Management of Fish Habitat
- Explains the fisheries protection provisions and outlines how DFO will implement these provisions, with emphasis on:
 - Serious harm to fish (Section 35 prohibition)
 - Scope of application of the prohibition
 - Framework for decision-making (Sections 6 and 6.1)
- Will be supported by more detailed policy and operational guidance

3

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The new prohibition

- The 'Purpose' section 6.1 outlines the overarching purpose for decision-making under the Fisheries Protection sections:
 - to provide for the sustainability and ongoing productivity of commercial, recreational and Aboriginal fisheries.
- A new prohibition merges two previous sections (sections 32 and 35) into a single prohibition (section 35 (1)):

"No person shall carry on any work, undertaking or activity that results in serious harm to fish that are part of a commercial, recreational or Aboriginal fishery, or to fish that support such a fishery."

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Serious harm to fish

- The *Fisheries Act* definition of serious harm to fish is:
 - the death of fish, or a permanent alteration to, or destruction of fish habitat
- Authorization is required when projects are likely to result in a localized effect to fish populations or fish habitat in the vicinity of the project
- DFO's policy interpretation of serious harm to fish is:
 - the death of fish;
 - a permanent alteration to fish habitat that limits or diminishes the ability of fish to use such habitats as spawning grounds, or as nursery, rearing, or food supply areas, or as a migration corridor, or any other area in order to carry out one or more of their life processes;
 - the destruction of fish habitat that fish can no longer rely upon such habitats for use as spawning grounds, or as nursery, rearing, or food supply areas, or as a migration corridor, or any other area in order to carry out one or more of their life processes.



Scope of application

- Most water bodies in Canada contain fish, or fish habitat, that are part of, or support, a commercial, recreational or Aboriginal fishery, and thus are subject to the prohibition against causing *serious harm to fish*
- Notwithstanding the above, some water bodies may be specifically excluded from the application of federal or provincial regulations
- Some water bodies may not contain fish or provide fish habitat that are part of or support commercial, recreational or Aboriginal fisheries. Such water bodies may not require authorization



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Framework for decision-making

- A new section 6 guides decision-making related to the Fisheries Protection Provisions
- Four factors must be considered by the Minister before making decisions:
 - a) the contribution of the relevant fish to the ongoing productivity of commercial, recreational or Aboriginal fisheries;
 - b) fisheries management objectives;
 - c) measures and standards to **avoid, mitigate or offset** serious harm to fish that are part of or support a commercial, recreational or Aboriginal fishery; and
 - d) the public interest.

7



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Fisheries Productivity Investment Policy

- A proponent's guide to offsetting
- Purpose:
 - To provide guidance on undertaking effective measures to offset serious harm to fish that are part of or that support a commercial, recreational or Aboriginal fishery, consistent with the fisheries protection provisions of Canada's *Fisheries Act* and the Fisheries Protection Policy Statement.
- Emphasizes the hierarchy of measures for addressing serious harm to fish:
 1. Avoid
 2. Mitigate
 3. Offset

8



Fisheries and Oceans
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Authorization process

- Authorizations are required for projects that are likely to result in serious harm to fish
- A formal process for applying for authorizations follows information requirements and defined time limits set under *Fisheries Act* regulations
 - *An information guide for proponents is available on the DFO website*
- Authorizations will include conditions to avoid, mitigate and offset the serious harm to fish
- Failure to abide by these conditions will be a contravention of the *Fisheries Act*.

9



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Operational Approach

- Proponents encouraged to avoid and mitigate to the extent possible. Self assessment process on web:
<http://www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html>
- Approach recognizes existing tools and technical resources to avoid impacts to fish and fish habitat
 - Provincial guides and Best Practices
 - Industry-based guidelines
 - Qualified Professionals

10



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Operational Approach

- Existing Protocols
 - Remain in place and should be referred to when needed.
- Contacting DFO
 - FisheriesProtection@dfo-mpo.gc.ca
 - 1 855 852-8320
 - <http://www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html>

Habitat Management: one piece of the Cumulative Effects Management Puzzle



Karin Clark
Wildlife Biologist, Cumulative Effects, GNWT

NWMB Habitat Management and Protection Workshop
Iqaluit, Jan 16-17, 2014



Habitat management

- Maintaining food, water, shelter and space for wildlife
- healthy habitat = healthy populations
- Challenge
 - other factors: predation, harvest, interactions with other species
 - changing environment: fires, thawing permafrost, new species, shrub growth
 - changing human land use: industry, community, individual

A number of factors drive the size and trend of wildlife populations



CE Management

- CE outstanding action in a number of recent Environmental Assessments

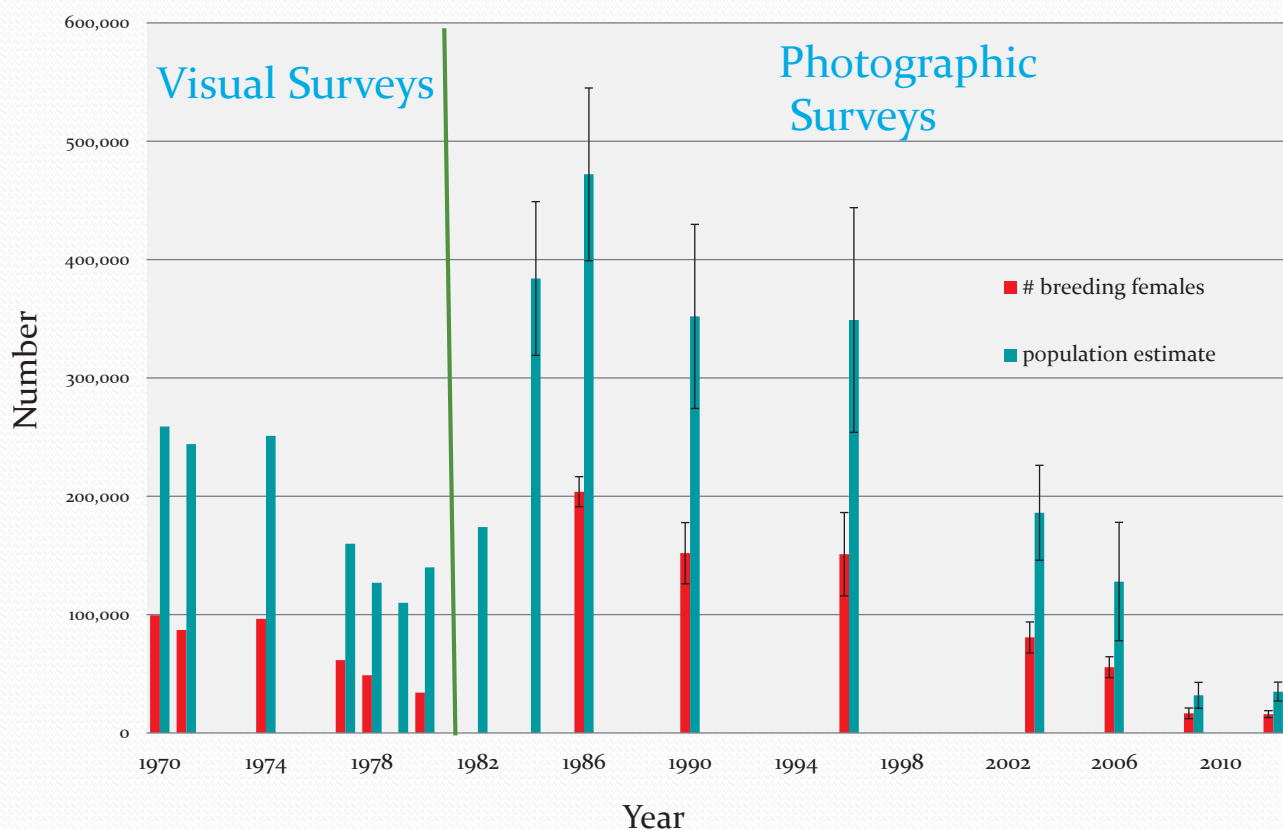


CE Management

- March 2013 CE Workshop in Yellowknife
 - pilot project to develop CE management approach
 - Range of Bathurst caribou herd is priority
 - Focus on habitat related CE

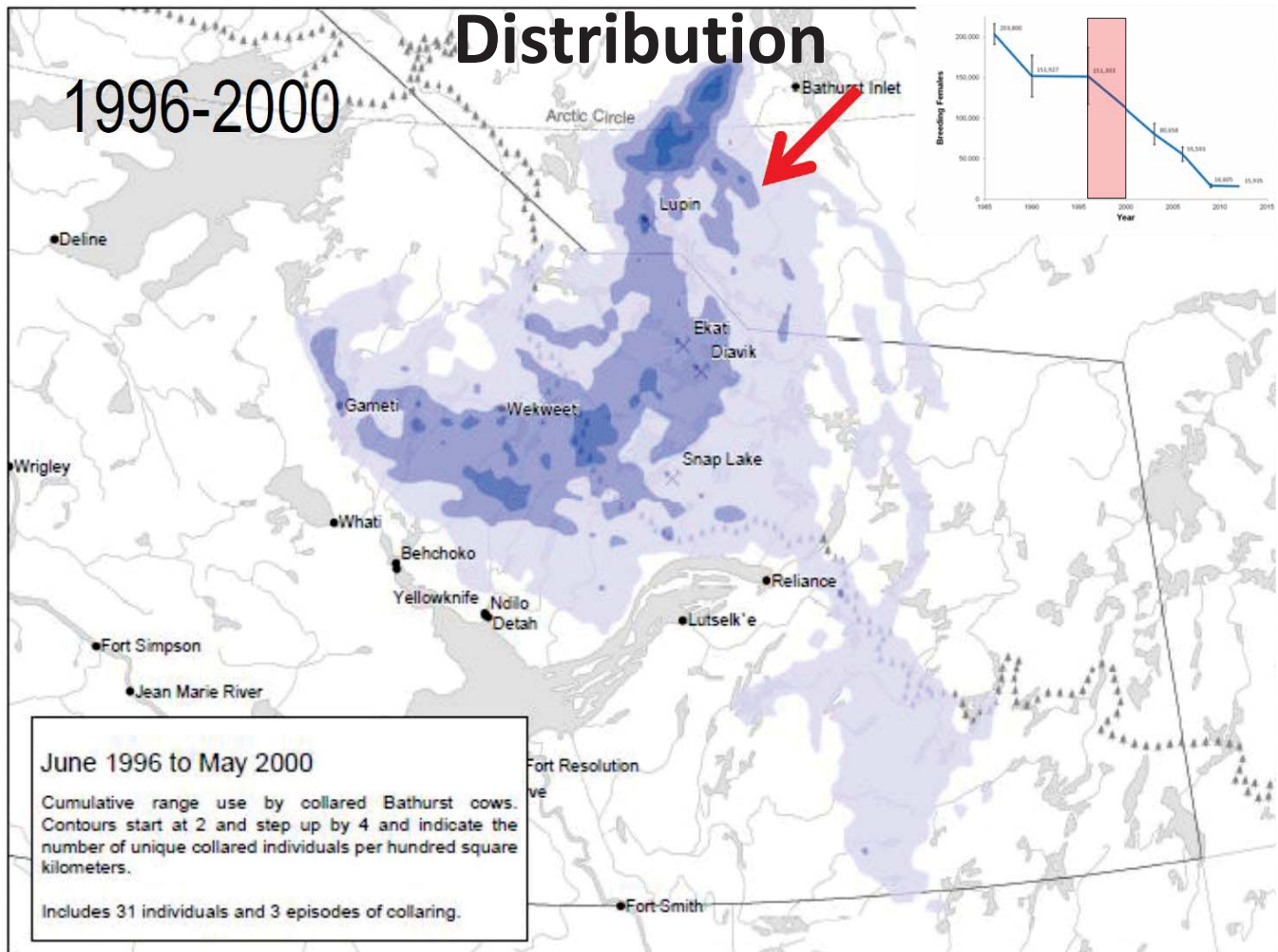


Bathurst herd estimates (1970 – 2012)



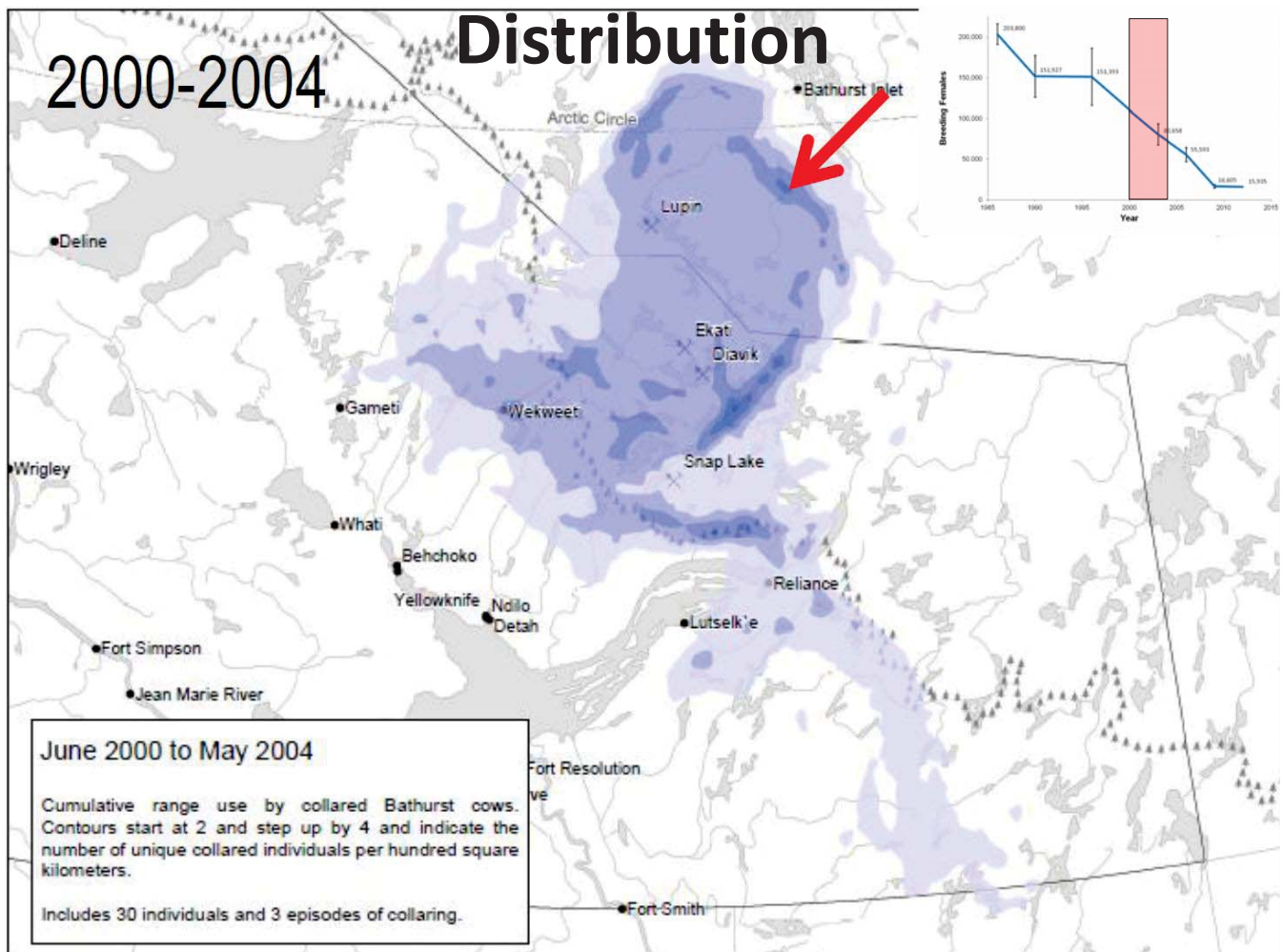
Distribution

1996-2000



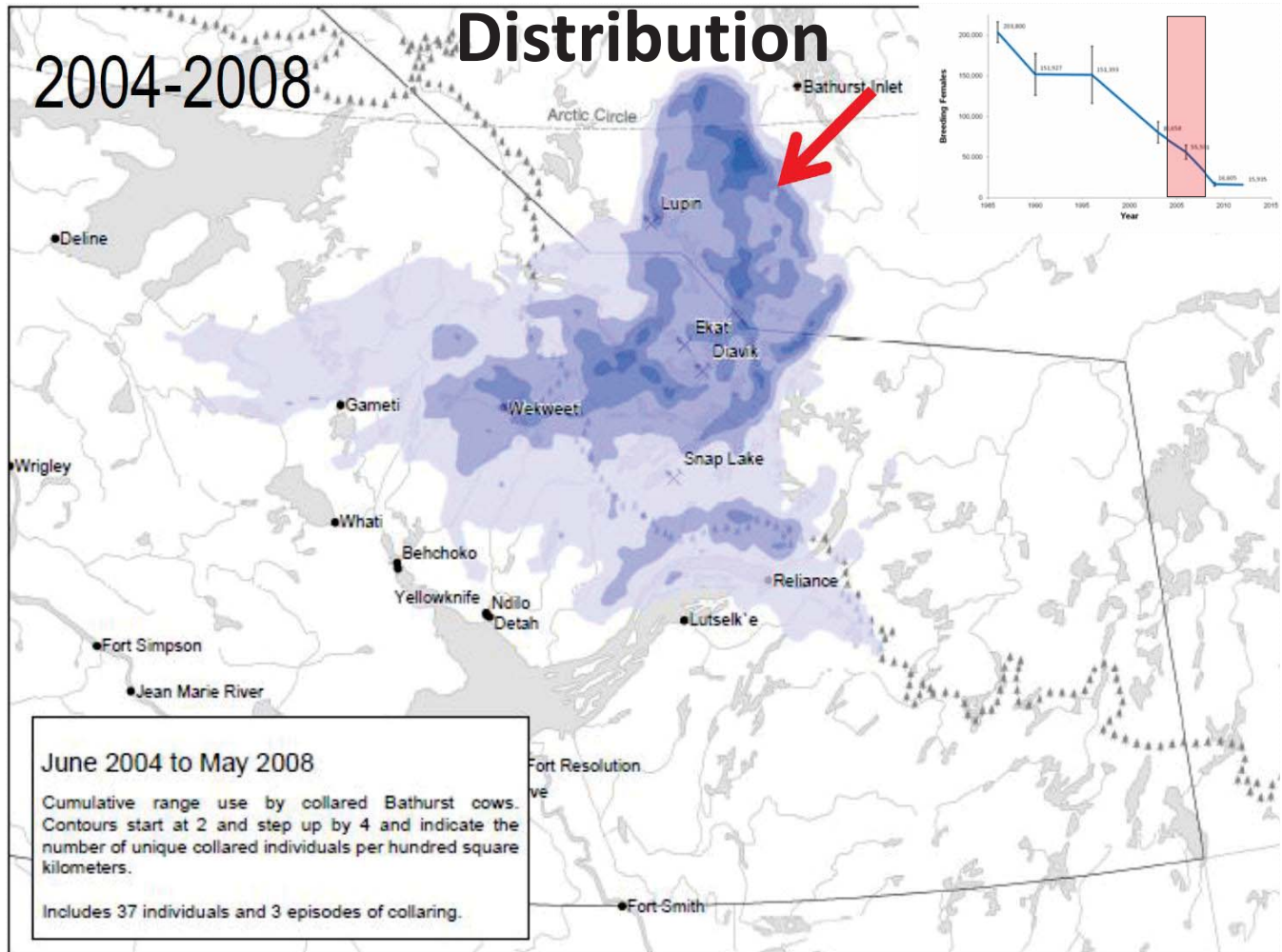
Distribution

2000-2004



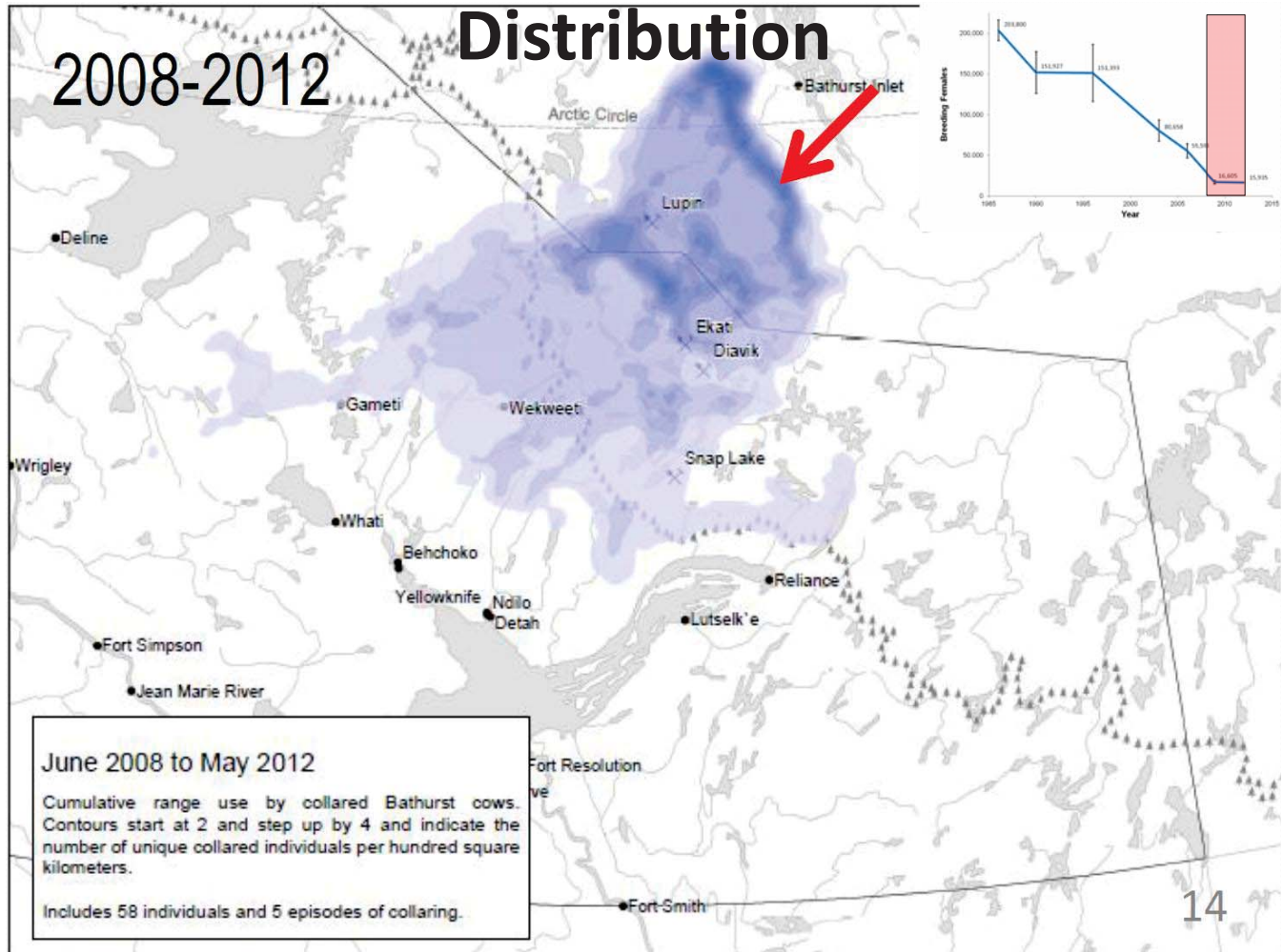
2004-2008

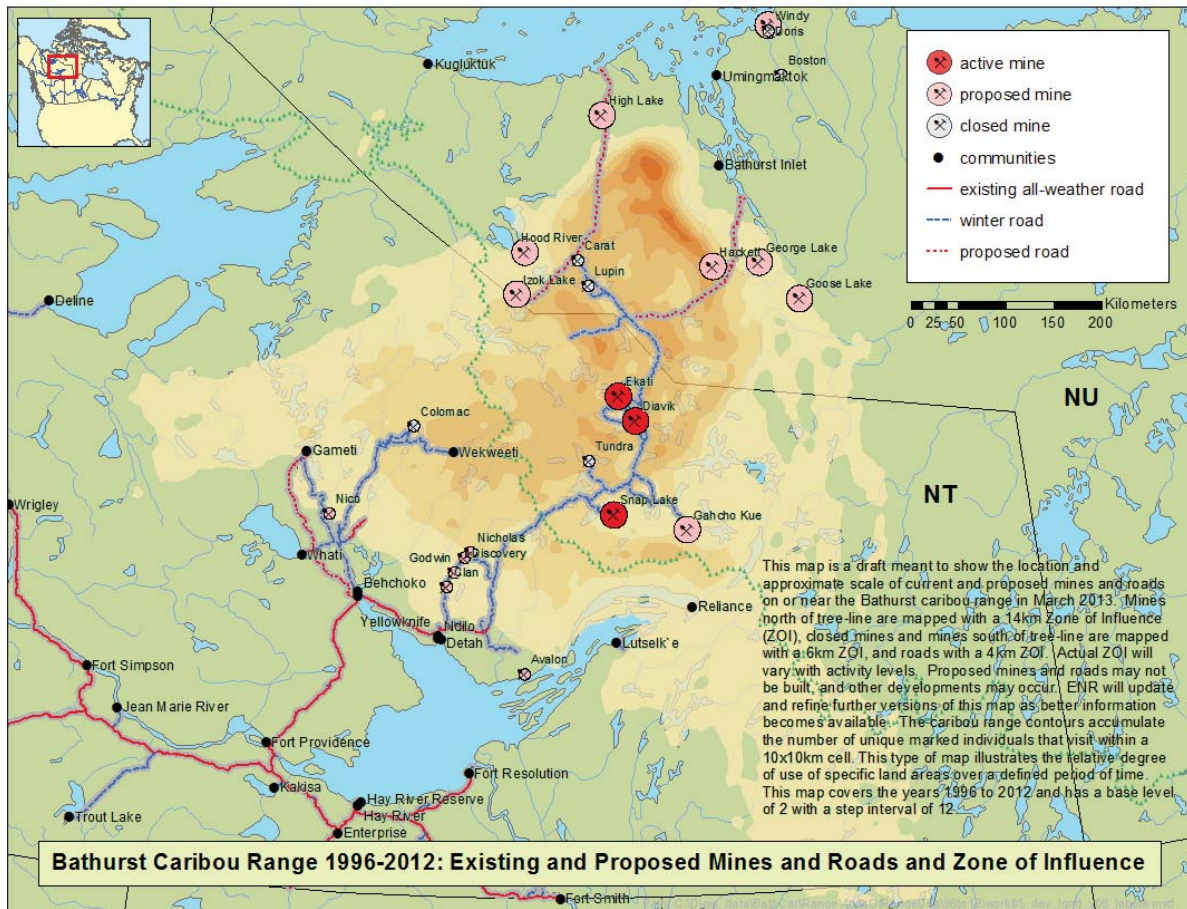
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2008-2012

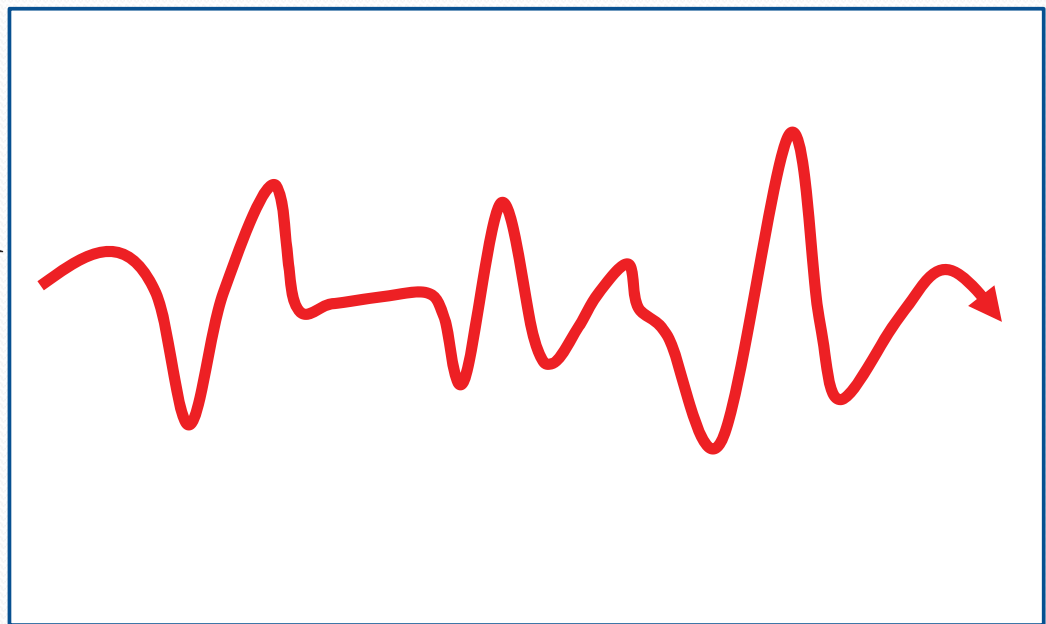
Distribution





Wildlife Populations are Variable

Population
Size



Time

Range Plan

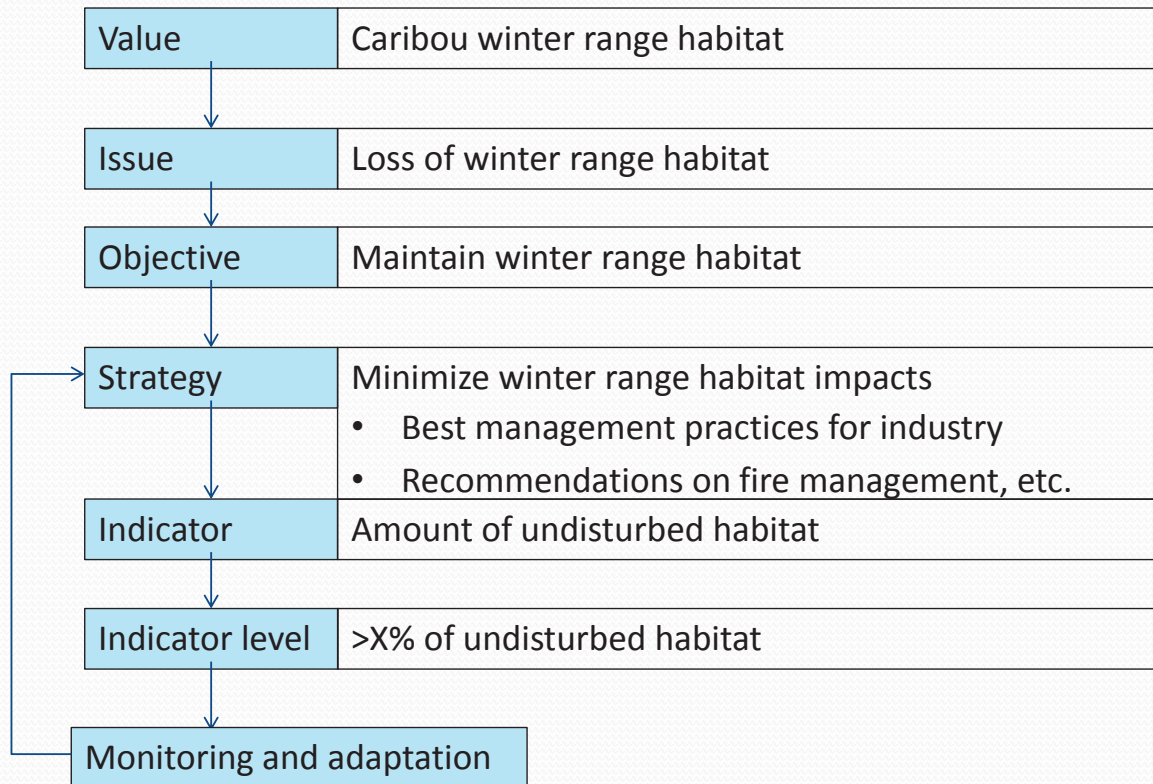
- Developed collaboratively
 - Industry, aboriginal governments, co-management boards, monitoring agencies, NWT/Nunavut Chamber of Mines, other government depts
 - GN, KHTO, KRWB, NTI participation
- Multi-year process
- Bathurst Range Plan completed by March 2016

Range Plan

- Guide monitoring and management of CE related to habitat disturbance on the range of the Bathurst herd.
- Results based



Results based framework



Range Plan

- May identify valued areas where particular strategies will be applied



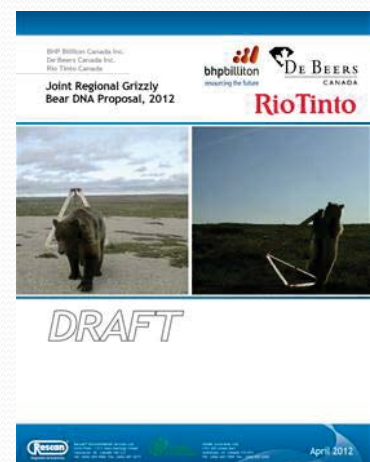
Range Plan

- guide GNWT input into EAs and CEAs (including the calving grounds in Nunavut)
- increase certainty for developers operating on the range of the Bathurst herd.

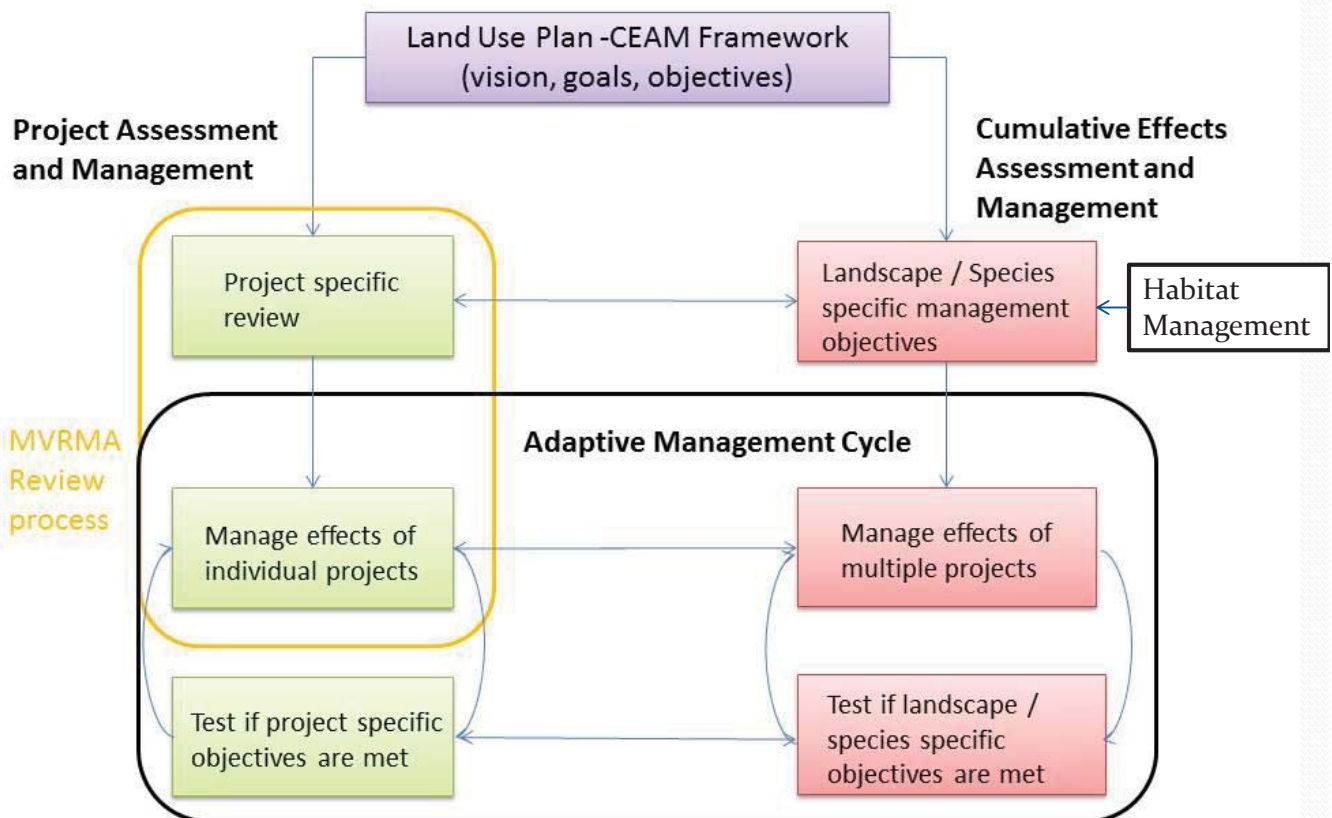
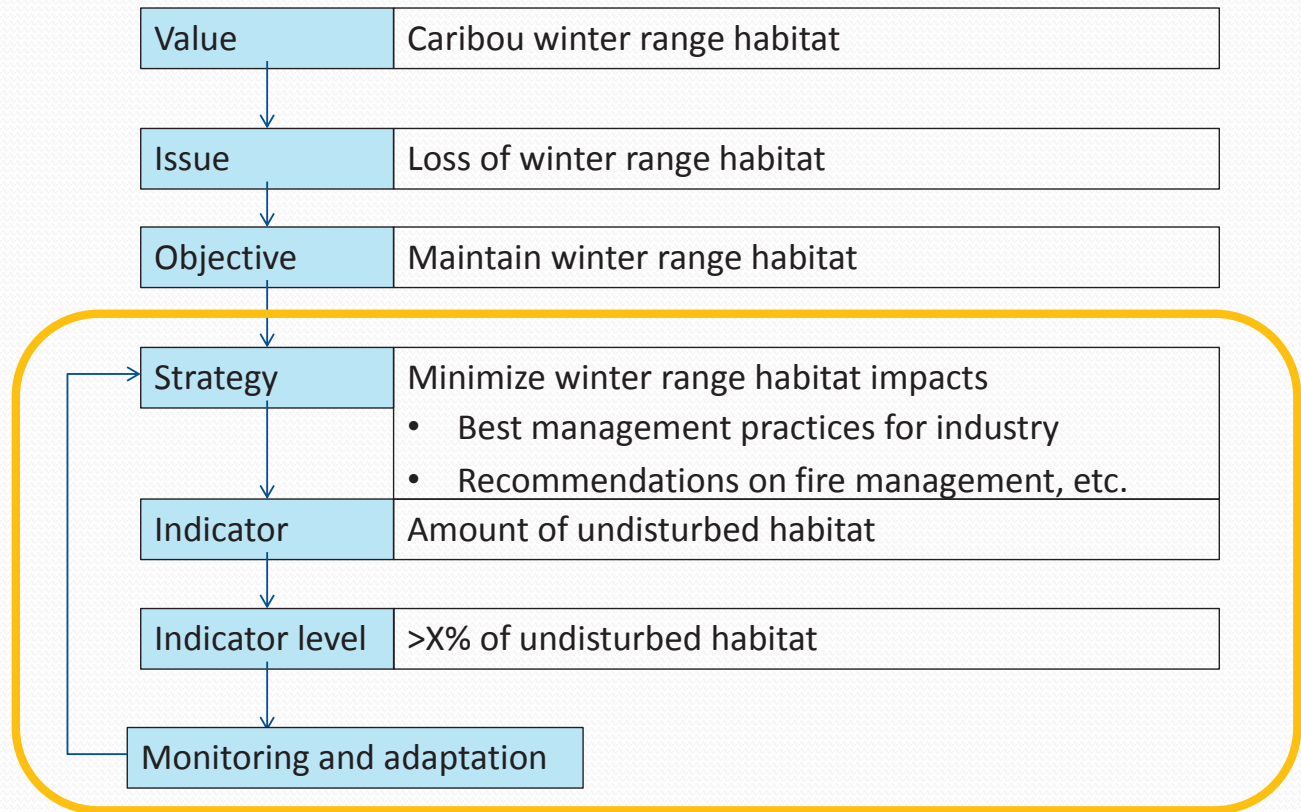


Other Processes

- Comprehensive Proposal for the Long-term management of the Bathurst caribou herd
 - Mechanism for shared management of the herd
- Industry site specific habitat protection plans
- Collaborative regional monitoring programs



Results based framework



*Adapted from Francis et al. 2013. Fish and Wildlife Values in CEA: Current Status and Yukon Needs Assessment. Prepared for Yukon Environment Fish and Wildlife Management Branch. Whitehorse, 111 pp.

Conclusion

- Range/Habitat Management Planning – one component of GNWT approach to CE management
- shared wildlife populations = shared responsibilities
- continued partnerships and communications with Nunavut



Photo: J. Boulanger



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Nunavut General Monitoring Plan
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Plan de surveillance générale du Nunavut

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Nunavut General Monitoring Plan

Nunavutim Tamimil Takusirivangrikkut Parniyautaanil

Plan de surveillance générale du Nunavut

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Nunavut General Monitoring Plan

Nunavutim Tamimil Takusirivangrikkut Parniyautaanil

Plan de surveillance générale du Nunavut

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