



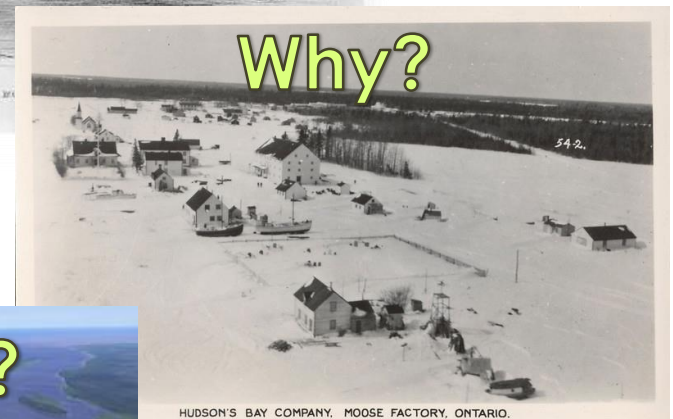
Climate Change Adaptation Plan 2019

Prepared for the Indigenous
Climate Change Gathering 2019
– Ottawa ON March 18-19, 2019

- Overview
 - Moose Factory
 - Climate Change Adaptation Plan 2017-19
 - Gathering: Process
 - Preparations: Future
 - Q&A
 - Contact info



Moose Factory Est. 1673



Climate Change Adaptation Plan

2017-2019 Process:



#1 - Initiate

- Adaptation Champion and Team.
- Band Council support.
- Identify stakeholders.

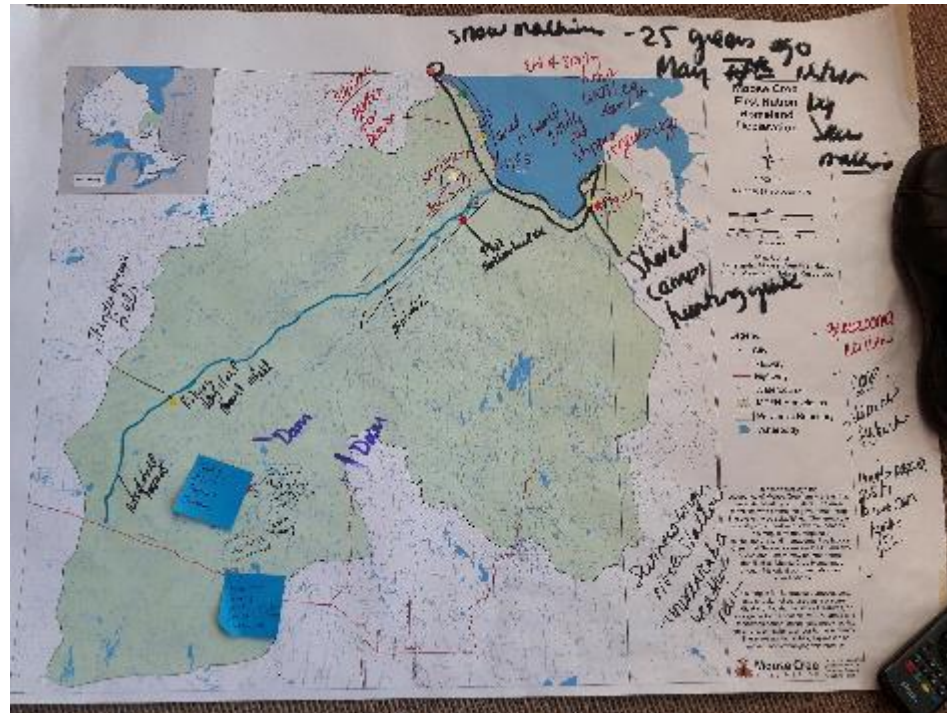
Linked Adaptation Plan existing Plans:

Moose Factory:

- *Strategic Plan* (2015)
- *Community Profile* (2015)
- *Organizational Review* (2010)

#2 - Research

- Values and climate change Impacts
 - Traditional and Local Knowledge
 - Regional climate trends and impacts

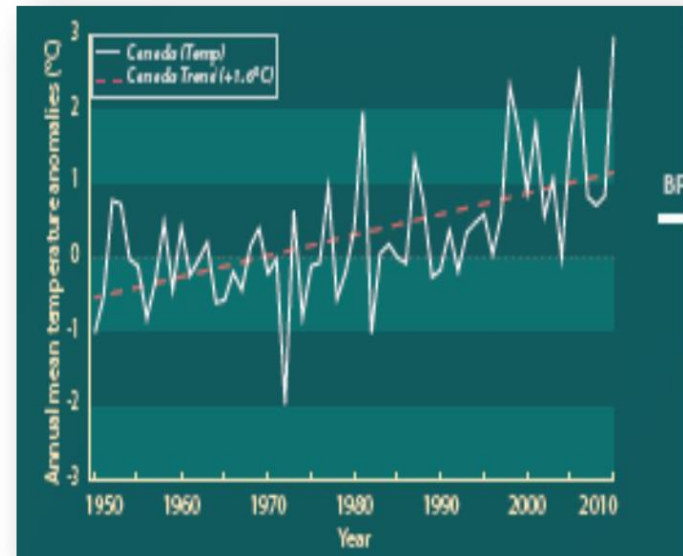


Understanding Climate Change Impacts

Traditional And Local Knowledge

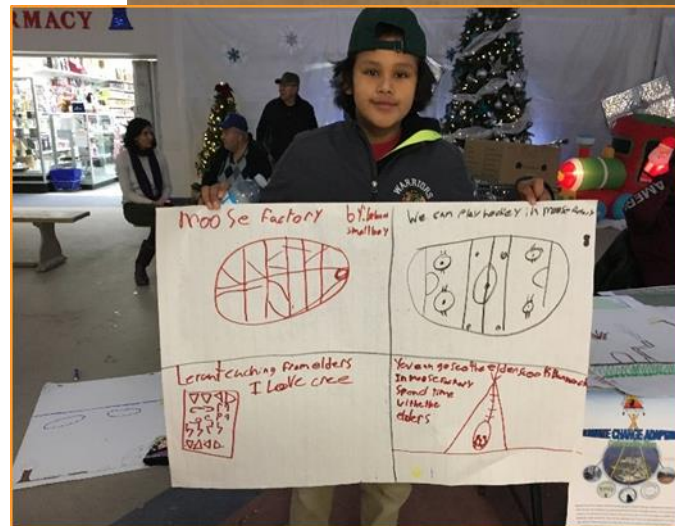


Scientific

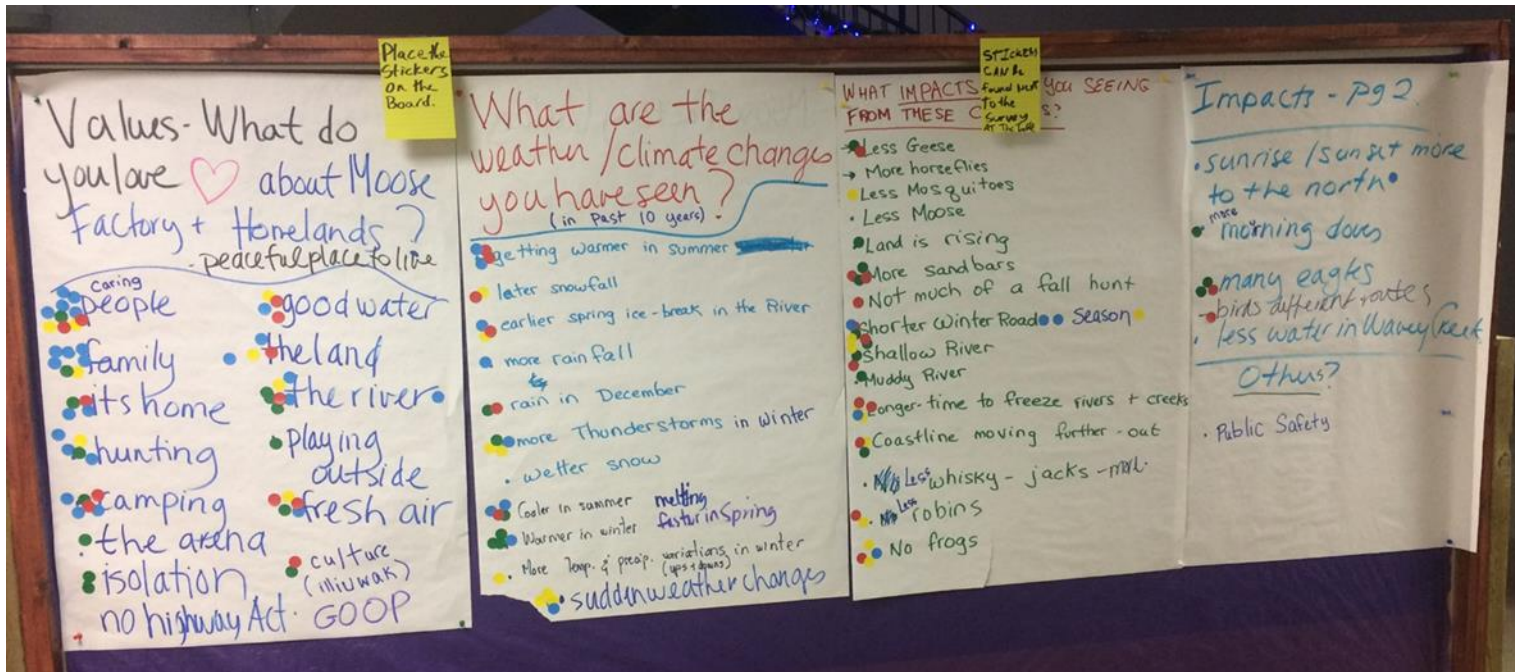


Gathering the information

- We took the consultation process to the people
- One on one interviews with Elders
- Went to Youth Centre with Pizza
- Survey



Identified Community Priorities and Impacts become the focus of the Plan



Climate Change - Impacts

o Traditional Way of Life

- Changes in cultural, hunting, trapping, & camping; loss of traditional ways & knowledge.

o Economy

- Changes in hunting & trapping means changes to the subsistence economy.

o Public Health & Safety

- Increased danger when crossing the Moose River.



Climate Change - Impacts

- o **Vegetation**

- Muskeg areas drying & different plant/tree species arriving.

- o **Birds**

- Changes in patterns; New species observed (i.e. Canada geese) & others no longer (i.e. snow geese).

- o **Wildlife**

- Decline in the moose population and small wildlife (i.e. beavers); Increase in new species (i.e. white-tailed deer).



Climate Change - Impacts

. **Moose River**

- Moose River freeze up later & break-up earlier.
- River level changes; wider & shallower with more and moving sandbars.

James Bay

- Land along James Bay shore seems to be rising; ponds drying out, and less sea-ice.



Prospects/ Opportunities

Traditional Way of Life

- Warmer weather and a longer boating season, could allow for new economic prospects and more family time.

Economy

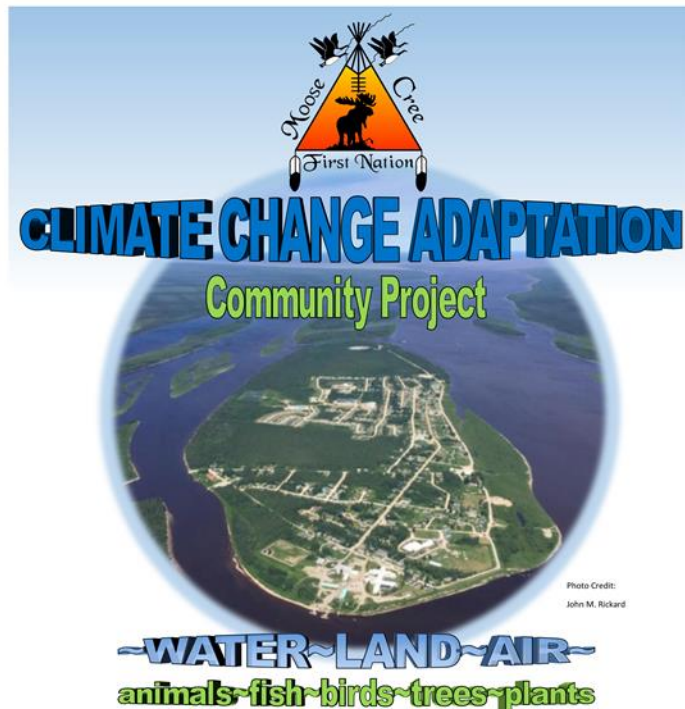
- Warmer temperatures could lead to new economic opportunities (i.e. the use of drones to transport goods into the community during river freeze/ thaw period).

Public Health & Safety

- Cooler summers could lead to fewer bugs and less health risks.



Preparing for the Future... the Adaptation Plan



- What: Risks or Prospects
- How: Action
- Who: Responsible
- When: Schedule
- What: Human & Financial Resources
- Measures of Success: Indicators & monitoring.



Preparing for the Future... the Adaptation Plan – Adaptation Example

Impact	Adaptation Action	How	Measures of Success
Changing weather means different (potentially more dangerous) travel patterns camps and traplines.	Idea: Invest in Spot devices/satellite phones or that can be lent to community members who are going out on the land.	Idea: Moose Factory Island Fire & Rescue to invest in communication tools.	<ul style="list-style-type: none"> • Fewer people requiring search and rescue.



Contact Us!

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Thank you Q and A

