

CARMA 9

Talk to Action

# Meeting goal

Sharing knowledge and experience for caribou **recovery**; thinking and strategically anticipating how best to **implement recovery actions** and adapting to change.

**Vulnerability**

**Landscapes**

**Coordination**

**Tools**

**Actions?**

# Vulnerability

# Vulnerability

- **Natural factors**
- **Anthropogenic disturbances**
- **Vulnerability assessments?**
  - **What is the appropriate scale?**
  - **What are models we can look to?**

# Vulnerability

What needs to be done to address vulnerability?

What is **CARMA**'s role in addressing vulnerability?

What is **your** role in addressing that vulnerability?

# Landscapes

# Landscapes

- **Managing at the landscape level**
- **Protected area strategies**
- **The importance of connectivity and migrations**



# Landscapes

- Irreversible changes
- Planning for population fluctuations, avoiding shifting baselines
- A chance to get it right in the North
- Maintain the integrity of movement pathways

**How do we operationalize  
landscape planning?**

**Where are we not planning at the  
landscape level?**

**Why not?**

# Coordination

**Fragmented** approaches to conservation can lead to **fragmented** caribou

Need to facilitate collective action, and **horizontal integration** of sectors instead of vertical chain of command.

Bringing people together repeatedly builds relationships.

How can we take the model from Norway and apply it to jurisdictions like Canada or individual herds?

What sort of **networks** do we need for horizontal integration?

What is CARMA's role in this '**network**'?

**Tools**

# Tools

- **Protect fire-resistant habitats**
- **Maintain movement flexibility**
- **Lichen seeding**
- **Actively managing for an optimal population level through dynamic harvesting**
- **Successful community based harvest monitoring**
- **Develop ways to summarize uncertainty in a way that decisions can be made on**
- **Identification of disturbance thresholds**

**What can we learn from current giant declines that can be applied to relatively abundant herds?**

**How do we **communicate** these lessons?**

**How do we **transform** these lessons into policy and tools?**

**How do we tell caribou **stories**?**



**Vulnerability**

**Landscapes**

**Coordination**

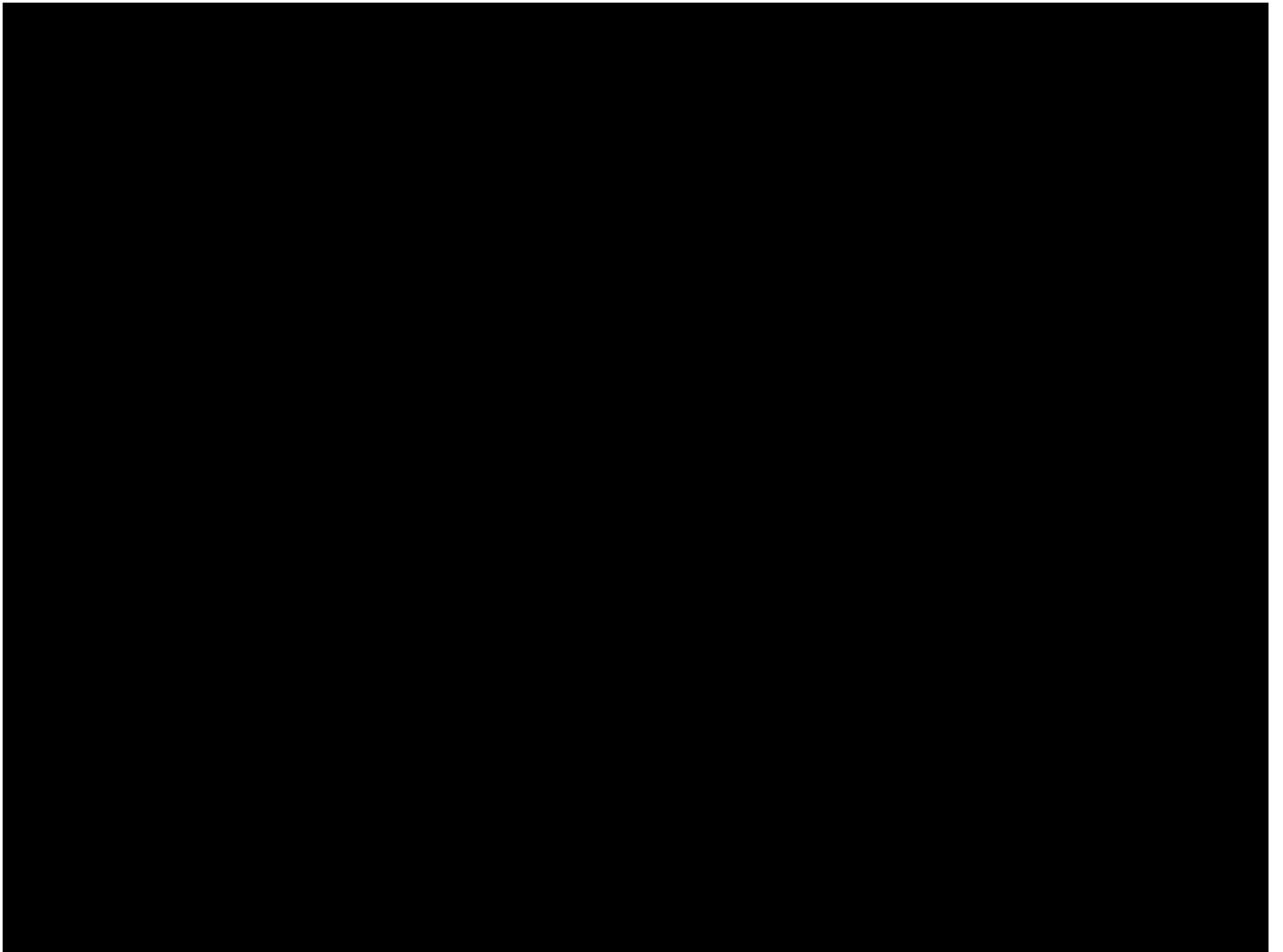
**Tools**

**Actions?**

How do we avoid promising to collaborate and then not discussing these issues again until CARMA 10?

What **advances** do we want to bring to CARMA 10?

What is **one** thing **you** can do in your organization to bring talk to **action** in the next year?



**The role of CARMA?**

- **CARMA creates caribou relevant data indicators.** (Don)
- **CARMA's role would be coordinating research around these questions and making a conservation case for caribou based on the food security in the North.** (Breakout 1, Group 2)
- **CARMA should issue White Papers as experts. Not as a lobbyist but as an expert.** (Breakout 1, Group 4)
- **Pay a post-doc to do a meta-analysis of disturbance effects and mitigation measures** (Breakout 2, Group 1)
- **Seek base funding** (Breakout 2, Group 1)
- **Bring knowledge holders and policy makers together** (Colin)
- **CARMA could hold data layers and be a repository for information (biological and geological)** (Breakout 3, Group 3)

- **Deliver the tool of cumulative effect assessments wider and make sure it is applied** (Breakout 2, Group 3)
- **CARMA could be a repository of software available for modelling with user guides and have someone to contact. International in scope.** (Breakout 3, Group 3)
- **CARMA can also house communication tools.** (Breakout 3, Group 3)
- **dialogue and sharing of knowledge** (Breakout 3, Group 4)
- **Data information and identification of data gaps.** (Breakout 3, Group 4)
- **It was appreciated that CARMA is removed from the political aspect** (Breakout 3, Group 4)
- **CARMA could compile a group of tools that could be used to communicate to policy members and have it on their website** (Breakout 3, Group 1)