



TMPD Virtual Workshop Breakout Rooms

Virtual Networking Exercise #1

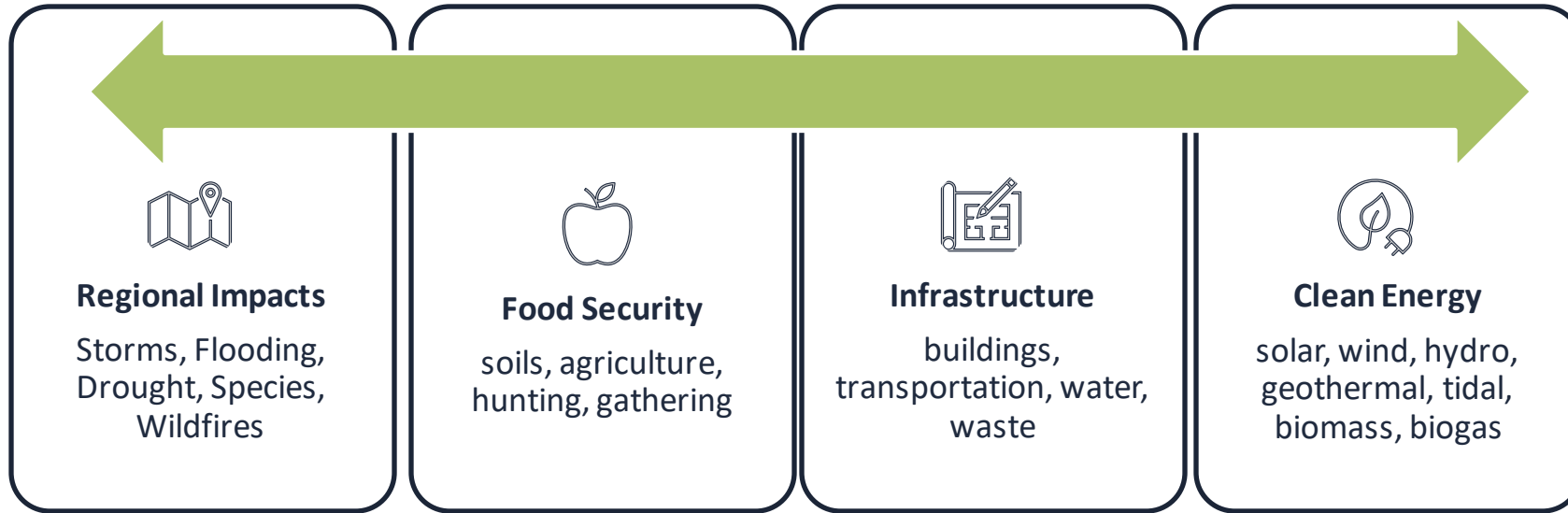




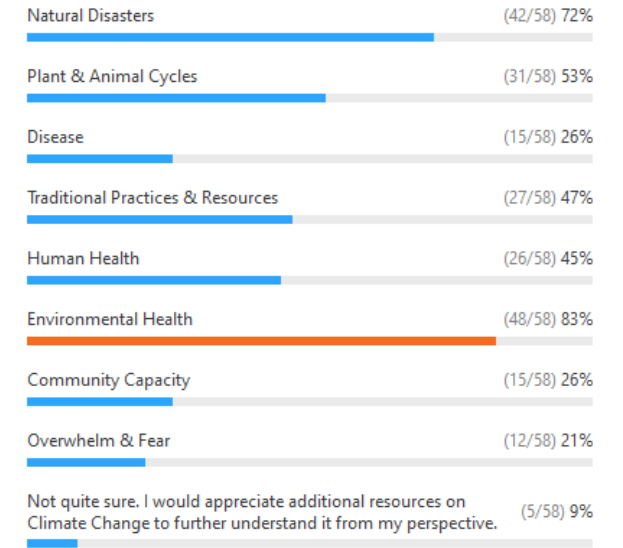
Group Discussion

Has your Land Code affected or influenced your climate change related activities and actions in any way?

- What climate change impacts are being identified in your community?
- How is your community actively planning to address current and future impacts?



1. Climate change makes me think of: (Multiple choice)

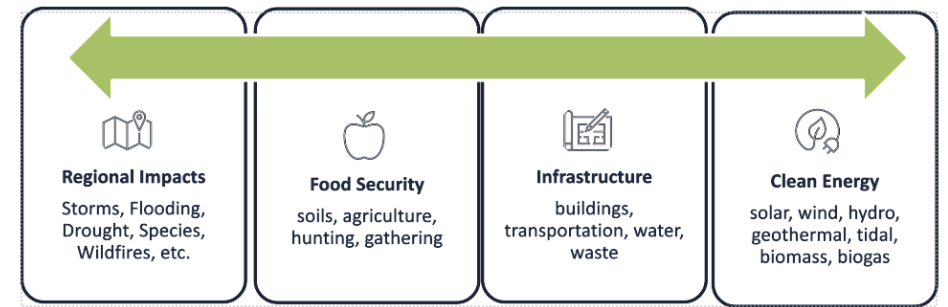


Directions:

- ❑ An RC facilitator & note-taker have been assigned per room
- ❑ Use chat for introductions & review Virtual Networking Exercise #1
- ❑ **RECORDING** is available in the individual breakout rooms
- ❑ Confirm the slide is the correct room # before taking notes
- ❑ Be sure to "Save" your notes if "AutoSave" is not working
- ❑ The host will be providing prompts to assist with timing –15 min, 10 min, 5 min
- ❑ There will be a 2-minute reminder to rejoin the Main Group, this will give you enough time to take a quick body break
- ❑ When exiting, select **Leave Breakout** & not **Leave Meeting**
- ❑ The whiteboard records will be compiled as a resource and will be provided after the session

Breakout Room 1: East

- Has your Land Code affected or influenced your climate change related activities or actions in any way?
- What climate change impacts are being identified in your community?
- How is your community actively planning to address current and future impacts?



Group Notes

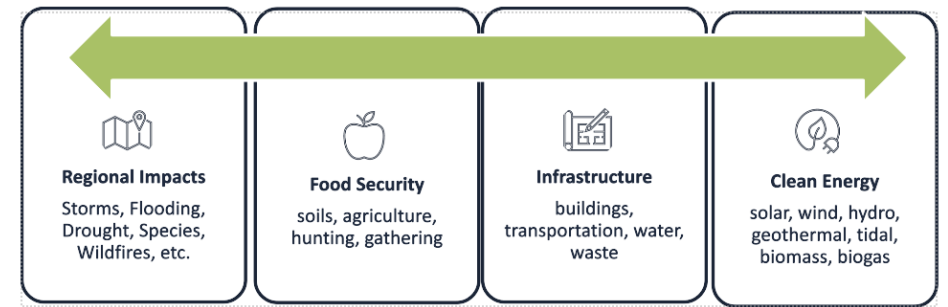
- Sometimes it does – helps to assert jurisdiction on the land, Land Code influences that
- **Climate Change impacts:**
 - Flood at thanksgiving in 2017, no water, electricity for almost a week (within the city of Cape Breton). Expect this to happen more frequently and more intensely, need to be prepared in advance.
 - Ontario – island reserve, ice road came in later and left earlier, influencing travel and isolation time of their FN. Less ice this year, fish are changing, more invasive species, plants and trees are dying off, lots of flooding in those areas (invasive beetles impacting trees).
 - Change in species, storms are bad (on Lake Huron) – more severe and more frequent
 - Brand new reserve, but flooding issues as it is located next to the lake. Has since dropped but was up to the road in previous years. Concerns about forest fires.
- **How we are planning:**
 - Would like to get into full sustainability, control greenhouse gas, floodplain mapping, etc.
 - Have plans to improve sewage plant, installing solar systems – interested in that information
 - Would like to do more studies on the land in preparation for when they become operational and start developing the land.
 - Building climate change resilient infrastructure, community planning necessary.
 - Technology: COVID crisis making it difficult to gather and share knowledge. Using tablets for community outreach to virtually gather and have community meetings, etc. Requires education/training in their use. Can be useful for notifying community members in case of emergency

Questions:

- We're talking about Climate Change impacts; do we just mean environmental impacts we've observed?
- Will we also be discussing the impact that government reaction to climate change is having on our communities? I think that is very important as it could cause a compounding effect, in particular with price signaling and carbon tax.

Breakout Room 2: **Prairies**

- Has your Land Code affected or influenced your climate change related activities or actions in any way?
- What climate change impacts are being identified in your community?
- How is your community actively planning to address current and future impacts?



Group Notes

Climate Impacts:

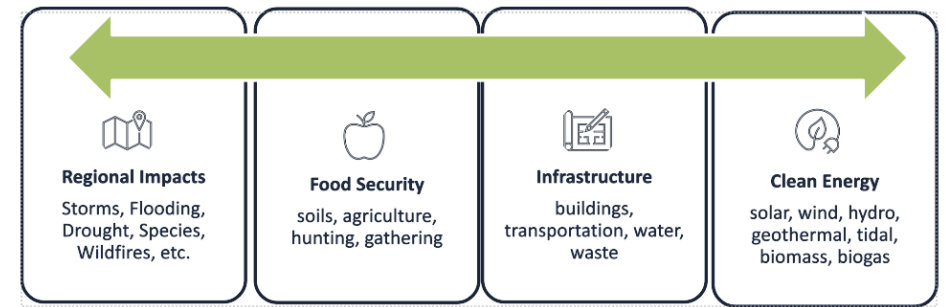
- noise, smells, loss of animals
- High runoff of water, loss in agriculture
- Grass fires and fire bans
- Seen a lot more snow in the past few years (more than 250cm this year), warmer winters
- Invasive species, spreading from transportation vehicles
- Less small game animals
- Weather patterns are changing
- Less birds, you don't see animals as much, hydro electric developments along waterways
- Erosion of shorelines along riverways – methane emissions
- Mining impacts
- Can't predict weather patterns like before
- Could predict when storms were coming but, is harder to predict weather patterns now
- Fracking – earthquakes in southern Saskatchewan (could light water on fire as so much gas in the water)

How do we respond to these challenges?

- George Gordon Partnership with Canada – climate observatory tower
- Land use Planning – Indigenous protected areas, Guardianship/monitoring, Land based education to reconnect to the land and get the youth out on the land
- Small modular reactors

Breakout Room 3: **West**

- Has your Land Code affected or influenced your climate change related activities or actions in any way?
- What climate change impacts are being identified in your community?
- How is your community actively planning to address current and future impacts?



Group Notes

Impacts

- Water flow and run off to/from lakes and rivers from pollution that enters through creeks and affects habitats occurring just outside of reserve lands within traditional territory.
- Erosion and impacts from landslides.
- Impacts from the population and industrial growth. Industrial growth is a huge impact, such as CN, pipeline, HWY 1, and many others.
- Warmer waters, the size of clams in our territory have declined over ~5 years. Erosion with the high tides is also reducing our foreshore.
- Kitimat river is the main lifeblood in our community/territory, which was significantly impacted by pulp and paper mill
- High tide is also a large erosion concern and there have been considerations for installation of sea walls.

How to respond:

- Importance of building regional partnerships with governments and other bodies. Multi-pronged approaches are very important to use in these contexts.
- Knowledge of what communities are doing and with the current knowledge and support of Land Code development, it will be very helpful to develop strong planning strategies within our own community as we continue to develop ours.
- Collaborative approaches for addressing flooding issues. Land Code can help with this.
- Main point of interest is dealing with flood and erosion, as the community is considering the installation of dikes to mitigate further erosion and damage
- Our LC/LUP is a work in progress for dealing with these items
- Emphasis on the interest of the sea wall to mitigate and act as more of a natural buffer to reduce impacts.

Questions from participants:

- How have others engaged chief and council on getting involved in climate change projects and prioritization of climate change related initiatives?
 - Chief & council have been quite supportive and trusting in the technical expertise of the workers and professionals we have on our teams, who provide constant feedback and updates to leadership, Elders, Community and Youth. Support continues to grow in response to ongoing positive outcomes from our teams.
 - Trained staff and positive relationships with leadership are a large benefit to garnering the ongoing support necessary for these projects.
 - Other councils are supportive and sometimes you just need someone to take the initiative and just get it started.
 - Collaborative planning. Working together and having a plan in place before you need to use it is a large benefit.