



INDIGENOUS

Advisory and Monitoring Committee
Trans Mountain Expansion and Existing Pipeline

Overview and Developments Since 2020 Line Wide Gathering

IAMC-TMX Co-Chairs
Michelle Wilsdon and Tracy Fleck
November 9, 2021

About the Committee

The Indigenous Advisory and Monitoring Committee for the Trans Mountain Expansion and Existing Pipeline (IAMC-TMX) brings together Indigenous and government representatives to provide advice to federal regulators and to monitor the TMX project, the existing pipeline and the associated marine shipping.



Learning

- Joint learning activities
- Ability to convene experts
- Knowledge sharing



Issues Identified

- Through discussion, engagement, workshops, etc.



Gaps Identified

- How to incorporate Indigenous perspectives?



Resolution

- Actions needed to be taken by IAMC-TMX
- Recommendations to other (appropriate) agencies

Indigenous Caucus Members

The Committee is made up of a 13-member Indigenous Caucus and six senior federal Representatives.

Committee members are working towards forming a new relationship between Indigenous communities, the Government of Canada and the CER.

- Michelle Wilsdon - Alberta First Nations
- Chief Russell Chips - Vancouver Island South
- Trina Sxwithul'txw - Vancouver Island Southeast
- Carleen Thomas - Burrard Inlet, Lower Fraser
- Chief Robert Gladstone - Fraser Valley
- Chief Marcel Shackelly - Mid-Fraser / Thompson
- Chief Harvey McLeod - Okanagan
- Raymond Cardinal - Alberta First Nations
- Tracy Friedel - Alberta Métis
- George Lampreau - BC Interior
- Kristine Pearson - Vancouver Island Western Approach

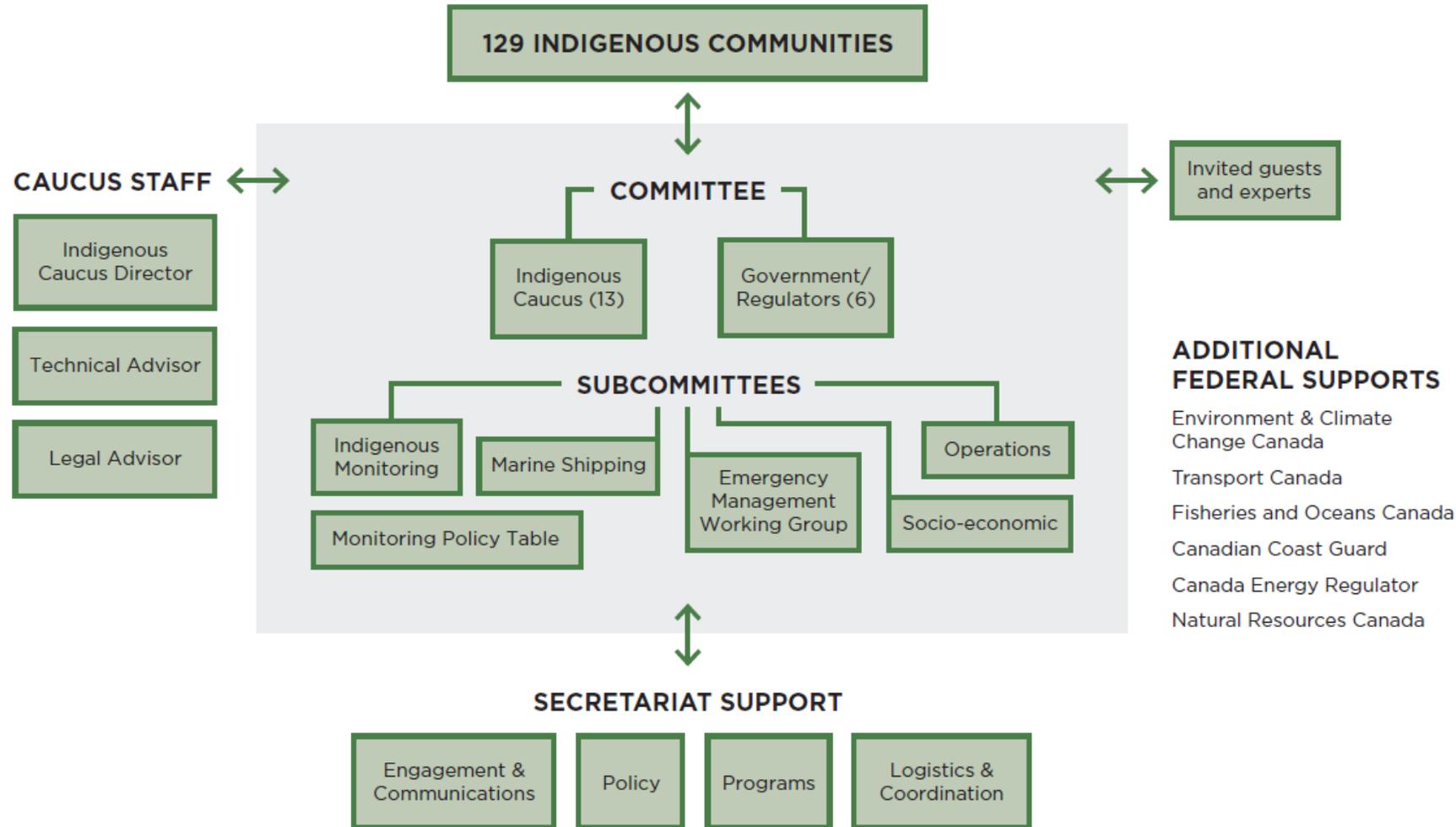
Federal Committee Members

1. Tracy Fleck, Natural Resources Canada
2. Tracy Sletto, Canada Energy Regulator
3. David Heap, Canadian Coast Guard
4. Ian Chatwell, Transport Canada
5. Saul Schneider, Environment and Climate Change Canada
6. Alice Cheung, Fisheries and Oceans



Organization Chart

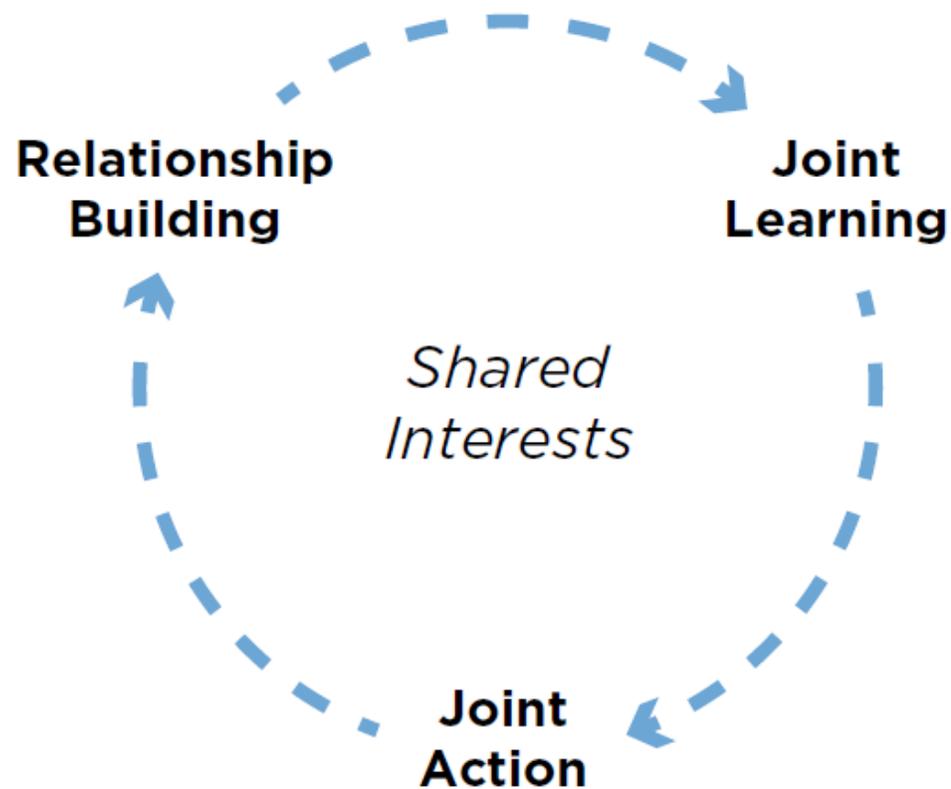
Organizational Chart



How We Work

The Committee is a partnership—Indigenous and federal government representatives working together towards a shared vision and purpose.

Committee members take the time to listen to all viewpoints and build upon the diversity, strengths and experiences around the table. We learn and work together in a safe and respectful way.



“Without Prejudice”

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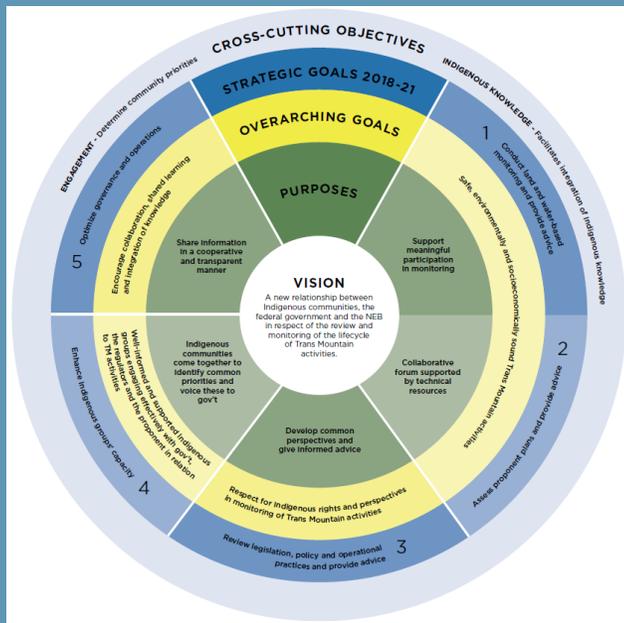
Overarching Goals



- Safe, environmentally and socioeconomically sound Trans Mountain activities
- Respect for Indigenous rights and perspectives in the monitoring of Trans Mountain activities
- Well-informed and supported Indigenous groups engaging effectively with government, regulators and the proponent in relation to Trans Mountain activities
- Collaboration, shared learning and integration of knowledge



The Committee's Strategic Goals



- **Strategic Goal 1:** Conduct land and water based monitoring (with regulators) and provide advice;
- **Strategic Goal 2:** Assess proponent plans and provide advice;
- **Strategic Goal 3:** Review legislation, policy and operational practices and provide advice;
- **Strategic Goal 4:** Enhance Indigenous groups' capacity; and
- **Strategic Goal 5:** Optimize governance and operations. Continuous improvement is important.

Funding Opportunities

- The IAMC-TMX invites communities along the TMX pipeline corridor to apply for funding through our Calls for Proposals (CFP) for or the Capacity Building Funding Program.
- Through the most recent CFP, eligible Indigenous communities along the route may access up to \$49,999 in funding for projects related to TMX.
- In addition, we have a Capacity Funding Program that is our continuous funding program. It is targeted to address the priorities of the Committee and the 129 potentially impacted Indigenous communities
- Accepting funding does not indicate that an Indigenous community supports or opposes the TMX project.

Highlights Since 2020 Gathering



- Completed our 100th Compliance Verification Activity, an emergency management exercise at Trans Mountain's Westridge Marine Terminal.
- Participated in two full-scale emergency response exercises and provided input to Trans Mountain and the CER on spill exercises.
- Conducted an emergency management survey of all 129 Indigenous communities to hear from them about their needs and interests and to inform future program development.
- Engaged with the Transportation Safety Board following the Sumas incident and participating as an Expert Reviewer.



Highlights Since 2020 Gathering

- Committed over \$11.4 million to communities under the Grants and Contributions program.
- Met virtually with representatives from 13 communities along the marine shipping route to discuss engagement, marine monitoring, emergency management and funding opportunities available through the IAMC-TMX.
- Advanced the Temporary Work Camps and Influx of Workers Initiative by increasing Indigenous participation in the identification and oversight of socio-economic and cultural effects of TMX.

Renewal

- The IAMC-TMX was formed in 2017 with a five-year mandate, which means it's up for renewal at the end of March 2022.
- We have been working hard amongst ourselves, the Indigenous Caucus and with our federal colleagues to make sure that we get renewed in the best and most appropriate way, ideally another 5-year mandate.
- Given the government has committed to the Committee for the full lifecycle of the Trans Mountain Pipelines, we are hoping, and expecting a positive outcome.
- Stay tuned...

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Indigenous Monitoring of the Trans Mountain Expansion Project

Raymond Cardinal November 10, 2021
Martin Whitney

IAMC-TMX Indigenous Monitoring Program

- Partnership between the IAMC-TMX, the Canada Energy Regulator, Fisheries and Oceans Canada, and Parks Canada
- Supports Indigenous participation in the federal regulation of the Trans Mountain Expansion
- IAMC Indigenous Monitors are full participants in compliance verification activities
- Separate from Trans Mountain Corporation's Indigenous Monitoring Program (Condition 98)

Progress report: Keeping Indigenous boots on the ground throughout pandemic

Early focus on safety while adapting to continue monitoring

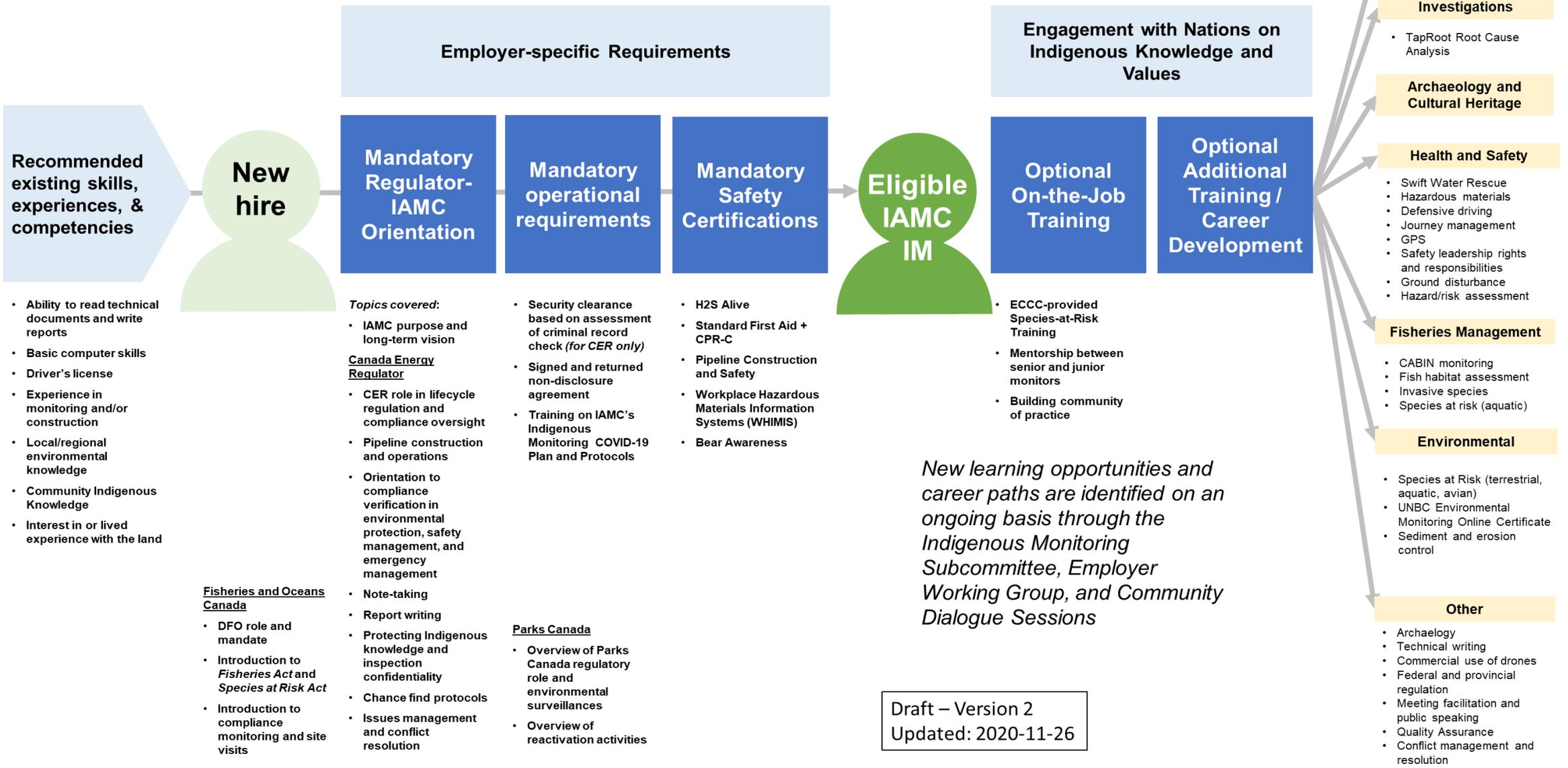
- Started remote inspections
- Created new roles for Monitors in assessing company's line-wide plans

Moved quickly to restore Indigenous and federal presence on-site, safely

- Developed a COVID-19 Health and Safety Protocol with BEHR Integrated in April 2020



IAMC-TMX Indigenous Monitor Program: Training Matrix



Building Monitors' skills and competencies



Since December 2020:

- Expanded eligible optional training (e.g. UNBC Environmental Monitoring Certification)
- Co-developed an Internship pilot program with ECCC for Indigenous Monitors
- Working towards training a fifth cohort of IAMC Indigenous Monitors to build roster before peak of construction
- Taking steps towards building a community of practice and mentorship



After the three IAMC-TMX Regional Workshops last year, what would you like to see more focus on at future Regional workshops?

- a) Tier 1 sessions
- b) Policy focused discussions
- c) Sites of Indigenous Significance
- d) Health and Safety
- e) Environmental Monitoring

Towards oversight driven by Indigenous values

Now doing joint planning of oversight activities (inspections and meetings with company)

Continued Indigenous-led inspections/assessments

Three Indigenous Regulatory Officer positions have been created by CER

Building relationships

Seeing action from regulators spurred by Indigenous-led inspections



What other topics for Indigenous-led activities would you like to see in the future? Choose all that apply, or suggest others in the chat.

- a) Indigenous workers training and career development
- b) Heritage sites
- c) Water course crossings and reclamation
- d) Wildlife conservation and mitigation measures

Growing role in oversight

Working with CER to explore role for IAMC IMs in incident investigations and emergency response

Building on Sumas experience, exploring qualifications and planning training

Hiring process is underway for CER bridging program

Successful Indigenous applicants to be determined



What are your priorities for growth of the IAMC-TMX Indigenous Monitoring Program? Choose all that apply, or suggest others in the chat.

- a) Indigenous heritage
- b) Incident investigations with TSB and CER
- c) Emergency management

Over 138

federal
compliance
verification activities
with Indigenous
participation to date



Indigenous Monitoring –November 10, 2021

| Questions or comments?



Breakout Room Discussion Questions

1. How do we build common standards across communities for Indigenous Monitoring on this and other projects?
2. How would you like IAMC IMs to engage and communicate with your community?

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Line Wide Gathering Indigenous Monitoring Policy Table

Raymond Cardinal & Tracy Sletto (CER)
November 10, 2021

| Working together to improve Indigenous Monitoring

The Monitoring Co-Development Initiative (Policy Table) was established in 2019 through a Terms of Reference (ToR) to explore and co-develop, with the company (Trans Mountain) and Canada Energy Regulator (CER), meaningfully improved practice for Indigenous monitoring.

- Intention to **test a new way of working** together
- Objective of pursuing regulatory and operational excellence
- **Shared goal** and identification of areas for immediate action

The Policy Table consists of representatives from TM, the CER, the IAMC Indigenous Caucus, and is supported by NRCan.

Key Successes of the Indigenous Monitoring Policy Table in 2021

1. Sites of Indigenous Significance (SIS)
2. COVID-19 Task Group
3. Monitoring Policy Table Framework short term deliverables implementation
 - a) Discussion Forum
 - b) Community Profiles
 - c) Indigenous Monitoring Bridging Program

1. Sites of Indigenous Significance (SIS)

Several incidents involving disturbances to Sites of Indigenous Significance (SIS) were reported to the IAMC-TMX.

Objectives:

- Determine if there are compliance issues and/or opportunities for improvement in Trans Mountain Corporation (TM) and the Canada Energy Regulator's (CER) approach to mitigating construction impacts to Indigenous Nations' interests.

Results to date:

- The CER, TM and the Indigenous Caucus collaborated to convene a series of workshops to identify and discuss potential compliance issues and/or opportunities for improvement to mitigating impacts to SIS.
- The group worked to develop an improved framework for future monitoring and oversight, which includes enhanced training for TM IMs, mobilizing IMs for some pre-construction activities, the development of a secure chance find portal for the CER and IAMC, improvements to the reporting of chance finds directly with Indigenous communities, and clarity on the timeframes around chance finds

Next steps:

- The CER is applying lessons learned and new best practices to other pipeline projects and IMPs.

2. COVID-19 Task Group

In April 2020, a Tier 3 (TM-CER-IAMC) table was struck and aimed at responding to Indigenous Caucus concerns related to project safety during the COVID-19 pandemic.

Objectives:

- Build common understanding of roles and responsibilities
- Review [TMC COVID-19 measures and plans](#) (include link)
- Identify and address remaining unique risks to Indigenous communities

Results to date:

- Adapted joint inspections
- Map of regulators' responsibilities
- Workshop with IAMC Indigenous Caucus, and federal and provincial regulators
- Improvements to TM COVID-19 measures and plans

Next steps:

- In June 2021, the Task Group members agreed to conclude its work, as monitoring of COVID-19 risks is being done through the ongoing monitoring of the project with the IAMC

POLL QUESTION

1. In terms of incremental policy and/or program improvements, what areas of improvement do you think the IAMC-TMX should focus on going forward:

- A. Marine Shipping
- B. Emergency Management
- C. Socio-Economic Matters (economic benefits, community impacts, or gender-based analysis)
- D. Indigenous Monitoring

3. Monitoring Policy Table Framework Short Term Deliverables Implementation

Objectives:

The Monitoring Policy Framework was co-developed in 2020 by the Policy Table that identified **23 short term deliverables** linked to the shared goal being to ensure that the Trans Mountain Expansion Project (TMX) is built and operated safely, in full regulatory compliance with Indigenous participation in project oversight, so that disruption and risk to the environment and Indigenous interests are minimized, in a manner that:

- Respects and incorporates Indigenous people's knowledge and perspective
- Reflects Canada's commitments to Indigenous peoples
- Advances best practices and improves safety and environmental outcomes, and
- Is part of a coherent, predictable and transparent operating environment, which contributes to Canada's global competitiveness

Update on key deliverables:

- There has been significant progress made on the 23 deliverables, including but not limited to:
 - Communication protocols
 - Indigenous Monitoring program manuals/practices
 - identifying ways to improve collaboration
- The Policy Table has focused recently on three key initiatives:
 - Discussion Forum
 - Community Profiles
 - Indigenous Monitoring Bridging Program

3.a) Discussion Forum Process

Objectives:

- The intention of the Discussion Forum is to enable a continued discussion between TM, Indigenous Caucus of the IAMC, and the CER on operational issues.
- More specifically, to create or solidify structures for joint discussion / issue management (including but not limited to IM) and consider how to ensure ongoing collaboration with a focus on construction.

Results to date:

- As a result of ongoing discussions and collaborative efforts, the Policy Table has co-developed and endorsed a Discussion Forum Terms of Reference.
- The Discussion Forum provides a process to discuss issues that emerge during the period of construction of TMX, with a view to resolution of those issues.

Next steps:

- Next steps are to move to formal approval and signing the document.

3.b) Community Profiles

Objectives:

- IAMC members, and the CER to develop, resource, and start to implement a plan to produce community profiles as a resource for the IAMC IMs.
- Co-develop a tool that streamlines publicly available Indigenous community information that can be utilized by IAMC IMs and inspectors while in the field conducting compliance verification and monitoring activities.

Results to date:

- A Community Profile prototype has been developed containing key community information that was publicly available and will be made available to IMs and Inspectors on a mobile device.
- The prototype has been shared with the IM Subcommittee and IAMC Committee for input and further customization.

Next steps:

- There is ongoing work to hire a contractor to further the work identified.
- Once hired, the contractor will be reaching out to communities to build relationships, obtain input and verify the information gathered in order to ensure all information is accurate and up to date, and seek communities' consent to share the information.

3.c) Indigenous Monitoring Bridging Program

Objectives:

- The need to identify gaps in training and develop an IM role definition.

Results to date:

- The IAMC, TMC, and the CER have further explored training and role definition for both IAMC IMs and CER inspectors with respect to the use of Indigenous knowledge.
- The IAMC has developed a training and competency development framework for IAMC IMs.
- TMC shared a pathway on how IAMC IMs can become Environmental Inspector
- CER is hiring three IMs as Regulatory Compliance Officers (IM Bridging Program)
- The CER IM Bridging Program was co-developed with the IAMC IM Sub-Committee

Next steps:

- The CER has invited some IAMC members to participate in the national selection process
- Once hired, these individuals will:
 - train to get designated Inspection Officer under the CER Act
 - participate in field inspection on any CER regulated lines
 - not replace community-based IMs (IAMC IMs)

| Next steps for the Indigenous Monitoring Policy Table

- Identify remaining work to be done to close off the Implementation plan of the Monitoring Policy Framework.
- Determine approach going forward to deal with policy issues under a renewed governance structure.
- Continue to share ongoing work with communities with a commitment to deal with new policy issues as they arise.

| Questions, comments?

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An aerial photograph of a lush, forested valley. A wide river flows through the center, surrounded by dense evergreen trees. In the background, rolling mountains are visible under a clear sky. The foreground shows a mix of green and brown trees, suggesting a transition zone or a specific forest type. The overall scene is serene and natural.

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*Advancing Indigenous interests in
socioeconomic monitoring in a time of TRC,
MMIWG and UNDRIP*
Socioeconomic Subcommittee

Overview

1. IAMC-TMX Socioeconomic Subcommittee (SESC)
2. IAMC priorities / links to federal commitments
3. Background
 - a. What are socioeconomic effects?
 - b. Trans Mountain's Socio-Economic Effects Monitoring Plan (SEEMP)
 - c. Trans Mountain's Worker Accommodation Strategy (WAS)
 - d. Trans Mountain reporting framework
4. SESC community & regional initiatives
5. SESC research findings
 - a. Key issues identified by communities
 - b. Exploring the efficacy of issue reporting and response mechanisms





The **Socioeconomic Subcommittee (SESC)** was formed in January 2018 to enhance oversight related to Indigenous social, economic, cultural and health and wellbeing interests, and including a focus on impacts associated with temporary work camps and influx of workers.

Current SESC activities:

- 1. Enhance Indigenous participation** in the **identification, oversight and mitigation** of socio-economic and cultural effects of major projects, with a focus on the Trans Mountain Expansion Project (TMEP).
- 2. Build the socioeconomic monitoring capacity of Indigenous communities** through participation in regional and community-focused initiatives.
- 3. Mobilize and disseminate research, and compile lessons learned** through the SESC **for sharing with communities and as advice to government.**

Links between SEESC and federal commitments

- **2021 Missing and Murdered Indigenous Women, Girls and 2SLGBTQQIA+ People: National Action Plan** – led by CIRNAC
 - National Action Plan released in June 2021, focused on a whole-of-government approach
 - A response to the report *Reclaiming Power and Place: The Final Report of the National Inquiry into Missing and Murdered Indigenous Women and Girls*, released in June 2019
- **National Action Plan to Address Gender-Based Violence (GBV)** – led by WAGE
 - Aims to ensure that all women, girls, LGBTQ and Two-Spirit people facing gender-based violence have reliable and timely access to protection and services.
- **United Nations Declaration on the Rights of Indigenous Peoples (UNDRIP Act)**
 - Canada's *UNDRIP Act* was passed in June 2021
 - Under *the Act*, the federal government will undertake a review of laws and policies, among other collaborative initiatives and actions.



What are socioeconomic effects?

Socioeconomic effects are the **intended and unintended** social and economic consequences, both **positive and negative**, of a project (such as TMEP), and any social change process invoked by that project.

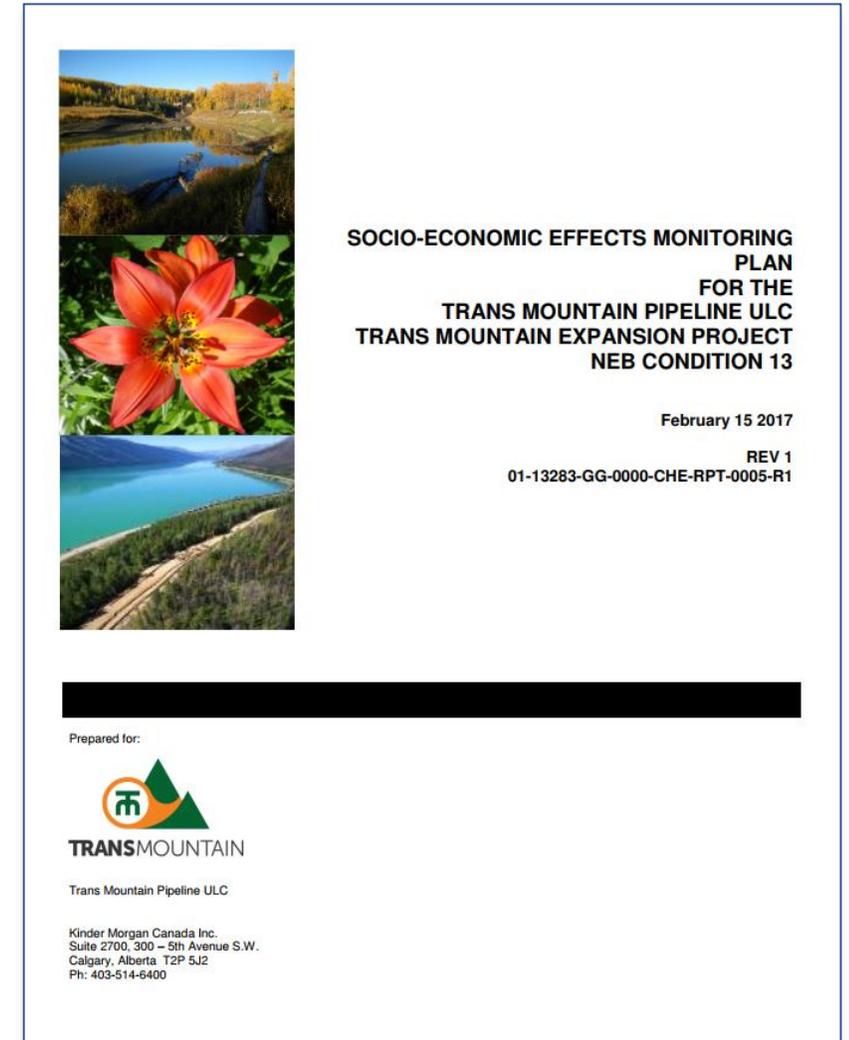


Areas of social, economic, cultural, health and wellbeing effects:

- Business, employment and training
- Infrastructure and services (e.g. housing, education, health, transportation)
- Traditional Land and Resource Use (TLRU)
- Heritage Resources
- Social and cultural well-being
- Human health
- Community safety
- Rights of Indigenous Peoples

Trans Mountain's Socio-Economic Effects Monitoring Plan (SEEMP)

- TMEP's SEEMP is designed to monitor and manage project-specific *socioeconomic* impacts
- The SEEMP has been informed by community engagement
- Major SEEMP priorities related to Indigenous communities are:
 - To support building economic capacity through joint ventures and sub-contracts, employment and training opportunities, etc.
 - To prevent and mitigate adverse impacts; e.g. increased demand on social infrastructure, incidences of gender-based violence, protection of cultural sites and practices, etc.



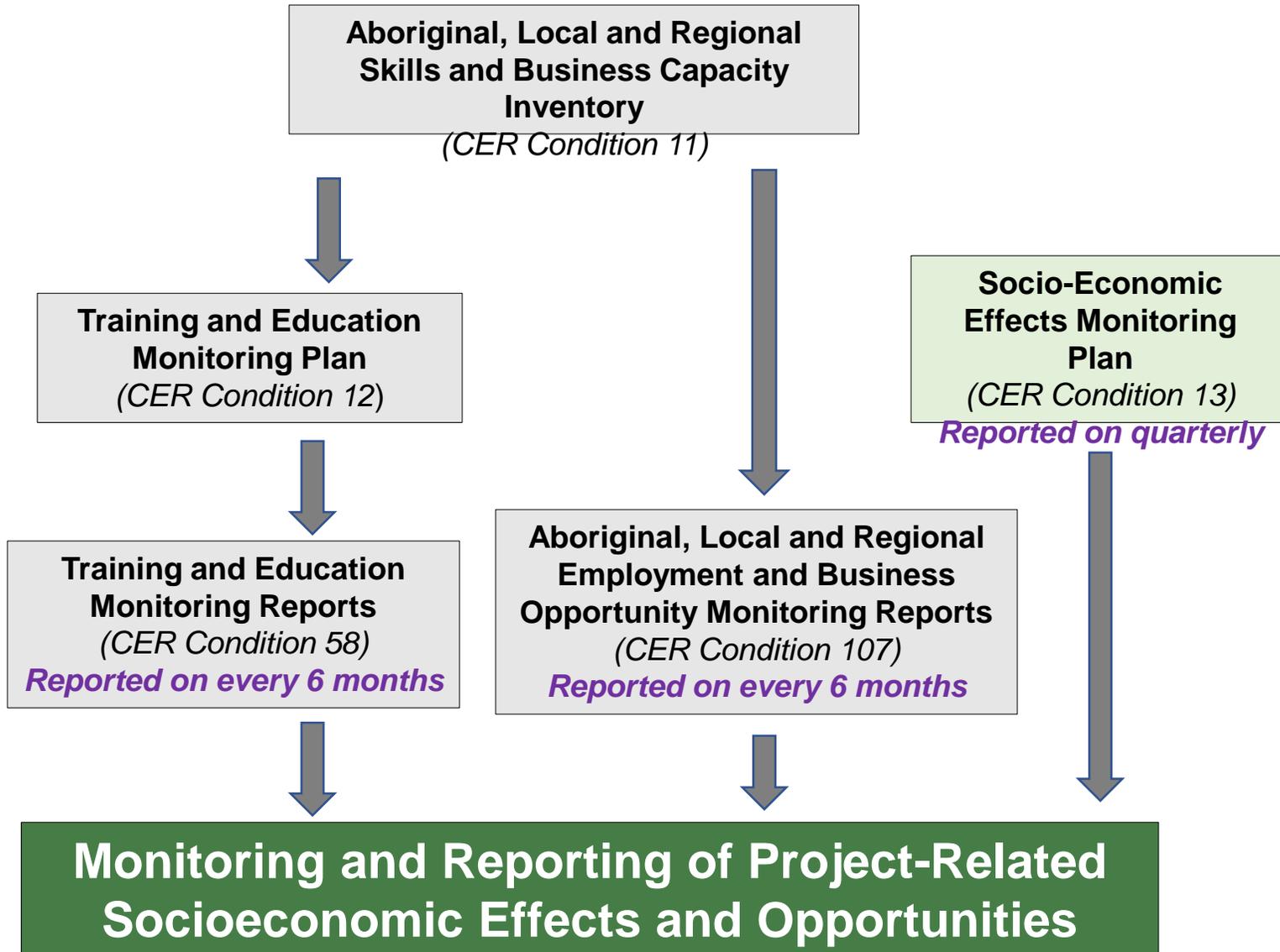
Trans Mountain's Worker Accommodation Strategy (part of the SEEMP)

- The Worker Accommodation Strategy (WAS) employs a mixed approach to addressing housing a large number of non-local workers, while ensuring benefits to Indigenous and local communities:
 - 5 temporary full-service work camps (BC only)
 - Where available, work camps are the primary accommodation for workers;
 - Hotels, motels, bed and breakfasts, RV parks
 - Apartment or house rentals, or rented rooms in private residences

Camp	Partner	Location	Occupancy	Status
Valemount	Simpcw First Nation	Spread 3/4A	Up to 600 ppl	In use since July 2020
Blue River	Simpcw First Nation	Spread 4A	Up to 550 ppl	Expected to be ready for use in January 2022
Clearwater	Simpcw First Nation	Spread 4B	Up to 550 ppl	In use since October 2020
Merritt	Lower Nicola Indian Band	Spread 5A	Up to 400 ppl	In use since July 2021
Ohamil	Shxw'Ow'Hamel First Nation	Spread 5B	*Up to 350 ppl	In use since December 2020

* On October 15, 2021, Trans Mountain filed an update to its Conditions 59, 60, and 73 (see filing [C15465](#)) with the Canada Energy Regulator regarding a proposed increase of the capacity of the Ohamil Camp Community to 470 people. Regulatory approval is still pending.

Trans Mountain Reporting



Other related conditions:

- Condition 47 – Access Management Plan
- Condition 48 – Navigation and Navigation Safety Plan
- Condition 59 – Worker Accommodation Strategy
- Condition 73 – Traffic Access and Control Management Plan
- Condition 82 – Light Emissions Management Plan – Westridge Marine Terminal
- Condition 95 – Visual Impact Plan
- Condition 96 - Reports on engagement with Aboriginal groups – construction
- Condition 98 – Plan for Aboriginal group participation in construction monitoring, to monitor activities during construction for the protection of traditional land and resource use
- Condition 145 – Community Benefits Program progress reports (Pending operations)

Poll Question 1 (Trans Mountain Expansion Project)

As we think about enhancing community oversight related to **socioeconomic effects**, what **type of information would be of most useful** to your community?

Select the top three.

- Construction timelines and updates
- Expected influx of non-local workers by quarter (by region)
- Worker accommodation updates re. non-local workers
- Cultural training completed by workers
- Training reports focused on Indigenous peoples
- Employment reports focused on Indigenous peoples
- Subcontracting reports focused on Indigenous groups
- Updates through regular meetings with the company
- Information regarding incidences of racism and/or sexism
- Updates regarding land access issues

*In this question, “**socioeconomic**” may be considered broadly to refer to social, economic, cultural, and health and wellbeing.*

Poll Question 2 (Trans Mountain Expansion Project)

Based on your community's experience with the project so far, **are there socioeconomic effects that you feel could be better managed?** If so, select the top three.

- Targets for training and employment opportunities for affected Indigenous communities
- Reporting by gender for training and employment opportunities
- Targets for subcontracting opportunities for affected Indigenous communities
- Approach taken to housing non-local workers, including in work camps
- Approach taken to ensuring community safety and security
- Grievance mechanisms that go beyond the company's existing "complaints line"
- Protecting cultural sites and resources
- Improving worker conduct requirements
- Ensuring a safe work environment for Indigenous workers
- Mandated cultural awareness training for all workers

In this question, "socioeconomic" may be considered broadly to refer to social, economic, cultural, and health and wellbeing.

SESC Alberta & Fraser Valley Regional Initiatives

- **Two Interagency Working Groups focused on the development of community and regional capacity** in the area of socioeconomic effects monitoring
- Key objectives:
 - Working in partnership and collaboration
 - Identifying regional and community priorities
 - Developing a monitoring/collaboration framework
 - Enhancing information gathering, sharing and reporting
 - Monitoring trends to inform response or mitigation measures
 - Identifying opportunities for ensuring the sustainability of these initiatives
 - Supporting communities in their efforts to build community specific frameworks

Who's involved?

- Indigenous Communities
- RCMP
- First Nation Health Authority / Alberta Health Services
- Relevant not-for-profit organizations
- Friendship Centres
- Federal government and regulators (e.g. CER)
- Trans Mountain (by invitation)
- IAMC-TMX

Simpcw Regional (Pilot) Initiative

- Socioeconomic **community monitor** hired in March 2021
- Focused on building a **socioeconomic monitoring framework** which will identify and track indicators of interest to Simpcw First Nation relative to:
 - Economic
 - Social
 - Health
 - Cultural
 - Indigenous rights
 - Ongoing concerns related to MMIWG
- The framework will support Band policy development around socioeconomic effects, including the issue of temporary worker influx and work camps
- Collaboration between Simpcw First Nation, the CER, Trans Mountain and the IAMC-TMX



SESC Research Findings – Key Issues & Concerns

- In 2020, the SESC engaged The Firelight Group to conduct research in **Alberta (AB)** and the **Fraser Valley (FV)**. **Interviews** with Indigenous community representatives were undertaken, and a number of key issues and concerns raised:

Employment	
+	Job longevity is critical; indigenous employment should be a priority (FV)
+	Career training, exposure, and longevity, jobs with careers after the pipeline (AB, FV)
+	Offer financial literacy and training to employees to set up for success (FV)
+	“Big money” for those employed on the project (AB)
+	Gender as an overarching interest – see women in more senior positions (FV)

Social	
+	Demand on housing increasing rents and homelessness (AB, FV)
+	Increase in prices of services (AB)
+	Sex trade work (AB, FV)
+	Gambling (AB, FV)

Health	
+	Drugs and alcohol (AB, FV)
+	Mental health (AB, FV)
+	COVID-19 (AB, FV)
+	Increase in food prices (FV)
+	Sexually transmitted infections (AB, FV)
+	Demand on local health care infrastructure, especially with COVID-19 (AB, FV)

Some of the topics may be triggering as they may relate to addressing ongoing concerns related to Missing and Murdered Indigenous Women and Girls (MMIWG).

Should you require support, please call: [Hope for Wellness Help Line: 1-855-242-3310](tel:1-855-242-3310) or connect to the online chat at hopeforwellness.ca This is an Indigenous-specific, Canada-wide help line.

SESC Research Findings – Key Issues & Concerns (cont'd)

Safety

- + Indigenous worker safety when employed far from home community; shift work (AB)
- + Work place policy enforcement (AB)
- + Triggering for people in recovery who work in camps (FV)
- + Need to “Indigenize” the work sites so that it’s part of the workplace culture (FV)
- + Gender-based violence and ongoing concerns re. MMIWG (AB, FV)
- + “Pipeline babies” are a concern for young women who are left with no supports (FV)
- + Public safety (FV, AB)

Indigenous rights and culture

- + Access to traditional foods, harvesting and hunting (FV, AB)
- + Workers’ recreational hunting and fishing (AB, FV)
- + Respecting communities is respecting the land; respect comes through improved relationships and leaving a light footprint when walking the land (FV)
- + A number of issues / infractions on the land are not tracked or reported, but continue to be observed (FV)

Racism

- + Pervasive in industry and law enforcement – embedded and not easy to detect, hard to eradicate (FV)
- + Tracking racism is very hard, no “database” to record these incidents (FV)
- + Important for workers and community members to build meaningful connections and relationships (FV)

SESC Research Findings – Mitigation Approaches and Actors

The following **mitigation approaches** and **actors** were raised as opportunities:

Mitigation Approaches	Actors with opportunity to mitigate
Socioeconomic effects monitoring and reporting	Industry, Governments, Regulators, RCMP, Communities, IAMC-TMX
Improve relationships between institutions and communities	RCMP, Communities, Health Authorities
Increase resources focused on women and LGBTQ+	Health Authorities, Governments, Regulators, RCMP, Communities, IAMC-TMX
Provide education on consent and sexual violence to workers	Industry
Provide cultural training and community-driven resources in camps (including access to Elders, artwork, posters, etc.)	Governments, Communities, Industry
Hotlines (industry and external)	Industry, Regulators, Communities
Increased awareness of complaint processes (by communities and service providers)	Industry, Regulators, RCMP, Communities, IAMC-TMX

SESC Research Findings – Existing Response Mechanisms (community & corporate)

Examples of issue response mechanisms:

- **Industry complaints lines**, community engagement, and policies and procedures
- **Regulator complaints mechanisms**
- **Internal community mechanisms** (e.g. raising concerns with leadership)
- **Listening Post:** community-led (Tłıchq Government) initiative designed to create a safe space for complaints to be raised and allow for fast community responses and engagement with companies on issues as they arise in relation to major mining projects.
- **Situational Tables:** information sharing initiative in the Fraser Valley where representatives from different social agencies and communities come together to identify issues in order to proactively respond to them.
- **IAMC-TMX regional initiatives**

Breakout room questions

*In the questions below, “**socioeconomic**” may be considered broadly to refer to social, economic, cultural, and health and wellbeing.*

1. What sorts of **things** are you seeing in your region in relation to the Trans Mountain Expansion Project (TMEP) and **that may be of concern or benefit to your community**? How about on other major projects?
2. **Is your community interested in more actively participating** in the identification, monitoring and mitigation of socioeconomic effects associated with major projects? **If so, what strengths does the community have that will support this effort? What challenges might prevent your community from becoming more actively involved?**
3. As TMEP construction comes to an end in late 2022, and the focus turns to operations, **what is most important to your community**? E.g. training and employment related to operations and maintenance, preparing community members to transition to other jobs, subcontracting opportunities related to reclamation, etc.

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Indigenous Advisory and Monitoring Committee - TMX



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iamc-tmx.com

Poll Question 3 (Major Projects)

What **resources or supports** would your **community require in order to be more involved in identifying, tracking and mitigating socioeconomic effects**? **Select the top three.**

- Opportunities to learn more about socioeconomic effects from relevant experts, e.g. courses, speaker series, etc.
- Access to relevant baseline data
- Technical support in developing and implementing a community-based socioeconomic monitoring program
- Capacity funding to hire a community socioeconomic monitor
- Participation in a 'community of practice' led by Indigenous communities involved in socioeconomic effects monitoring
- Enhanced partnerships with service providers in relevant areas, e.g. health, police, housing, etc.

*In this question, “**socioeconomic**” may be considered broadly to refer to social, economic, cultural, and health and wellbeing.*

Socioeconomic Effects Funding Opportunities

IAMC-TMX Call for Proposals (new deadline, Dec. 15, 2021)

- **Planning activities** (e.g. economic, business development planning and/or scan)
- **Equipment purchase** (e.g. equipment to support community response initiatives or socioeconomic monitoring, equipment to support communities overcoming barriers to accessing socio-economic benefits)
- **Training and skills development** (e.g. training on community safety and situational awareness or personal financial management, etc.)

5 applications have been received for consideration in the 2021-22 fiscal year, with a total value of \$249,999.

IAMC-TMX Community Capacity Funding (continuous intake)

- Community defined
- May focus on addressing the impacts of temporary influx of workers and work camps (as well as other Committee priorities)

2 applications have been received for consideration in the 2021-22 fiscal year, with a total value of \$445,808.



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Advisory and Monitoring Committee
Trans Mountain Expansion and Existing Pipeline

EMERGENCY MANAGEMENT

Tina Donald, Chair
Emergency Management Subcommittee, IAMC-TMX
November 9, 2021

Presentation Outline

1. Introduction to Tina Donald, Chair of the Emergency Management Subcommittee
2. Emergency Management Subcommittee Membership
3. IAMC-TMX Role in Emergency Management
4. Activities Over the Past Year – Summary
5. Call for Proposals (“CFP”) Initiative
6. Regional Engagements
7. Discussion Questions



Tina Donald, Chair of the Emergency Management Subcommittee



Tina Donald is from the community of Chu Chua, or Simpcw First Nation. In addition to raising her family there, she has spent 22 years serving her community as a community member.

Since 1994, Tina has been a first responder for her community. She has been involved in Emergency Management in Simpcw since October 1997. After the 2003 fires, she took on a lead role with Simpcw EM Team, coordinated emergency management plan and operations centre training for staff. During the 2017 fire, taking on Incident Commander role.

Tina's experience in fisheries has led her to manage the Dunn Creek Hatchery and coordinate stewardship and education programs for school groups K-12th grade. She also coordinates youth fishing activities in Simpcw Territory.

Tina represents the Simpcw Council on a variety of board and committee positions and organizes many other community events. She brings her wealth of experience in emergency management, fisheries/wildlife and education to her role as Chair of the Emergency Management Subcommittee.



Subcommittee Members

The Emergency Management Subcommittee (EMSC) representatives include:

- Simpcw Nation
- Nooaitch Indian Band
- Halalt First Nation
- Lac St. Anne Metis
- Stó:lo Tribal Council
- Canada Energy Regulator
- Natural Resources Canada
- Alberta IAMC Representative
- Vancouver Island IAMC Representative
- First Nations Emergency Services Society



The following organizations may also attend EMSC meetings on an ad hoc basis:

- Trans Mountain Corporation
- Indigenous Services Canada

IAMC-TMX Role in Emergency Management

Emergency Management Subcommittee since April 2021 has focussed on:



- Identifying opportunities for greater Indigenous inclusion in Emergency Management (EM)
- Improving Indigenous Nation's emergency preparedness with an all-hazards approach to emergency response and focus on enhancing long-term capacities
- Increasing Indigenous participation in EM planning and exercises
- Enabling the IAMC-TMX to better understand the issues and engage with communities, TMC and regulators on matters relating to EM
- Informing policy development

IAMC-TMX Role in Emergency Management

Work plans to-date have focused on the following areas:

1. Analysis of gaps in community capacity to prepare and respond to emergencies and development of options to provide capacity support, including through workshops and other training – 3 Regional Engagement sessions completed see below for summaries.
2. Transition from a working group to a subcommittee, and developing a longer term IAMC-TMX program on emergency management – Completed April 15th, 2021.
3. Analysis of potential gaps in TMC's emergency management plans and development of advice and options for improvement – Day 2-3 of Regional sessions.



Activities Over The Past Year

1. Emergency Management Survey

- Between October and November 2020 the EMSC surveyed all 129 Indigenous communities to hear about their needs and interests, to inform future program development
- *The results of this survey have been analyzed, and assessed with key recommendations identified and incorporated into the 2021-22 work plan and budget*

2. Completion of 2021-22 EMSC workplan and budget with the following activities listed as priorities:

- Initiate Engagement Plan with Indigenous Communities, TMC, CER and other agencies
- Training/Workshops - Develop and deliver a series of training workshops
- Review key CER and TMC policies involving emergency management and provide advice
- Participation in Exercises – TMC and CER
- Relationship with Marine Shipping Subcommittee

3. Increased Indigenous capacity in Emergency Management through EMSC regional engagement sessions

- Three 3-day regional engagement sessions were completed in 2021:
 - Alberta
 - BC Interior
 - Coastal BC

Alberta Regional Engagement June 22-24, 2021

IAMC Alberta Emergency Management Workshop

Consequence Chart

Rank	FATALITIES	INJURY/ILLNESS	PSYCHOSOCIAL	SOCIAL CONNECTIONS	EVACUATION or SHELTER-IN-PLACE
None	Not likely to result in fatalities.	Not likely to result in injuries or illness.	Not likely to result in significant impacts to individuals' mental and emotional wellbeing.	Not likely to impact access to supports and networks. Trust and cooperation are unaffected.	Not likely to result in an evacuation shelter-in-place orders, or people stranded.
Low	Causes loss of life within the scope of normal operational capacity.	Causes injury/illness within the scope of normal operational capacity.	Localized, moderate and/or generally short-term impacts to individuals' mental and emotional wellbeing.	Likely to result in some localized reduced access to supports and networks. Trust and cooperation are affected.	A small or localized portion of the population is evacuated, sheltered-in-place, or stranded.
Med	Causes loss of life requiring extra emergency operations support.	Causes injury/illness requiring extra emergency operations support.	Significant but generally localized impacts to individuals' mental and emotional wellbeing, including long-term impacts.	Likely to result in reduced access to supports and networks. Trust and cooperation are affected.	A moderate and generally localized portion of the population evacuated, sheltered-in-place, or stranded.
High	Loss of life severe enough for mass fatality procedures to be activated.	Injury/illness requiring mass-casualty or other highly specialized plans and supports.	Widespread impacts to individuals' mental and emotional wellbeing, including long-term impacts.	Likely to result in significantly reduced access to supports and networks. Trust and cooperation are severely affected.	A large or widespread portion of the population is evacuated, sheltered-in-place, or stranded.





Recording

Dion Arrouse



Dean Cherkas



Dale Friedel



Activities Over The Past Year

4. Hired an Emergency Management Program Manager

- Coordinates the EMSC workplan activities

5. Ongoing internal governance and planning

- Transitioned from a working group to a subcommittee
- Consolidate learnings from the analysis of 2020 survey results and the 2021 Regional Engagement session's into the 2021-22 EMSC Workplan

6. Community Capacity Funding Proposals

- The EMSC Committee has received 6 funding proposals
- The total value of all applications is \$1,186,575
- Current up to October 28th, 2021

7. Call for Proposals ("CFP") <\$49,999

- The EMSC has received 19 applications for consideration for the 2021-22 fiscal year
- The value of all applications is \$788,960
- This is current as of Oct 28th, 2021 - applications close on November 15th, 2021



Jeff Eustache, EMSC
Program Manager

Activities Over The Past Year

8. EMSC conduct monthly meetings with members, which include representatives from Trans Mountain Canada and Canada Energy Regulator

- The meetings have been addressing process, policy and procedures regarding indigenous inclusion within Emergency Management response to spills, training and live exercise regarding emergency management events;
- Support capacity building to engage with Emergency Management preparedness, response, planning, recovery and planning;
- Review, observe and report on emergency management events such as pipeline spills, leaks and related events;
- Participate or support Indigenous Communities during the response stage of an emergency management event, Incident Command, Emergency Operations Centre, and Recovery of event;
- Develop capacity for interaction between IAMC – TMX indigenous communities, Trans Mountain Canada and Canada Energy Regulators regarding emergency management events.

2021-22 Calls for Proposals (“CFP”) Initiative <\$49,999

The CFP was opened July 19th, 2021 and closes November 15th, 2021.

The Emergency Management funding stream received 19 applications as of November 1st, 2021.

- The majority of the applications were within the equipment purchase focus area
- The next highest was the planning focus area
- The training and skills development focus area had a couple applicants

The Southern Interior of BC was greatly impacted by wildfire’s during the summer of 2021, that identified a high priority for communities to increase their capacity, skills, and experience for emergency preparedness, planning and response.

- The regional engagement sessions also highlighted the need for updated; Emergency Preparedness Plans, Hazard, Risk and Vulnerability Analysis (HRVAs), participation with live exercise

Trans Mountain Blackpool River Deployment exercise May 2021



Regional Engagement Events

With support from Naut'sa mawt Tribal Council, the EMSC coordinated and assisted with the delivery of 3 regional EM engagement events:

- 1. Alberta – June 22, 23 and 24, 2021** – Completed session were well received numbers ranged from 30 – 58 – positive productive event, all regulators and agencies participated.
- 2. BC Interior – July 13, 14 and 15, 2021** - Completed session was well received numbers ranged from 21- 33 – positive productive event all regulators and agencies participated. Due to the wildfire impacts in the BC interior the numbers were lower than registered.
- 3. Coastal BC – August 3, 4 and 5, 2021** - Completed session was well received numbers ranged from 34 – 63 – positive productive event all regulators and agencies participated. Great interaction and engagement on day 1, with proponent, regulators and other agencies.

Transportation Safety Board, Alberta Region Engagement Event June 22 – 24, 2021

Engineering Laboratory (Ottawa)

- Material analysis
- Metallurgy
- Structures
- Vehicle performance
- On-board recorder analysis



Transportation Safety Board of Canada / Bureau de la sécurité des transports du Canada

Manuel Kotchounian (TSB)

Paul Treboutat TSB

6



Regional Engagement Events Overview

Day 1

- Introductions to Indigenous Leadership

Followed by presentations:

- IAMC-TMX Committee Overview
- Federal Regulatory Agencies Updates and Q&A Sessions: Trans Mountain, Canada Energy Regulator, Transportation Safety Board, Transport Canada, Department of Fisheries and Oceans and Indigenous Services Canada. Provincial government agencies based on region.

Day 2

Presentations and Activities:

- IAMC-TMX - Emergency Management Subcommittee – Overview
- Roundtable facilitated discussions on EM
- Presentation by Ecora, Ram, Sqewqel Development Corporation: *A Model for Protecting First Nation Interests Along the Trans Mountain Pipeline.*
- Summary and Review of Emergency Management Community Capacity

Coastal Region Engagement Event August 3, 2021



Trans Mountain Emergency Management Program



TRANS MOUNTAIN

IAMC-TMX Coastal Emergency Management Workshop
August 3, 2021



Christine Trefanenko - Trans Mountain



Regional Engagement Overview

Day 3 - was an opportunity to provide some training to the communities and participants.

Facilitators:

1. **Behr Integrated Solutions** facilitated both the *Alberta Regional* and the *BC Interior Regional Events*
2. **Emergency Planning Secretariat - Ram** facilitated the *Coastal Regional Event*

Training Topics:

- a. Introductory Emergency Management Overview
- b. Introduction and Overview of Hazard, Risk and Vulnerability Analysis (HRVAs)
- c. Tabletop Discussion/Exercise
- d. Dialogue about Future Events - Training, workshops, resources



Coastal Region Engagement Event August 3, 2021



Indigenous-specific concerns - what are we doing to address?

- Increased external engagement
- Changing/developing internal processes
- New information tools
- IAMC work
- Filing Manual and Onshore Pipeline Regulations changes



Canada



Regional Engagement Events Summary

Overall all the three engagement sessions were a great success with good participation and attendance from the Indigenous communities, provincial and federal government agencies including: TMC, CER, TSB, TC, DFO, Indigenous Service Canada and the Alberta Emergency Management Agency.

The common theme from each was the role mandates, process and procedures related to EM events were a high priority for increased interaction and communication through all parties in regards to the TMX pipeline expansion project.

Communities identified a clear need for increased capacity, skills, resources and support for emergency management.

These community identified themes and priorities will guide future EMSC activities.

Coastal Region Engagement Event August 3, 2021



Trans Mountain exercises held in the spring of 2021



<https://youtu.be/7jxVOqU79hY>

Trans Mountain Emergency Exercise in Hope, BC



<https://youtu.be/0wmrVP17mQc>

Trans Mountain Emergency Exercise in Burnaby, BC



Discussion Questions

1. During the most recent emergency event in your community or traditional territory, how did your community participate in the response and management of the event?
2. What are the most active or current Threats and Risks to your community?
3. What resources would empower your community to participate and respond to EM events on your lands and waters?



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Trans Mountain Expansion and Existing Pipeline



nrcan.tmxcommittee-comitetmx.rncan@canada.ca

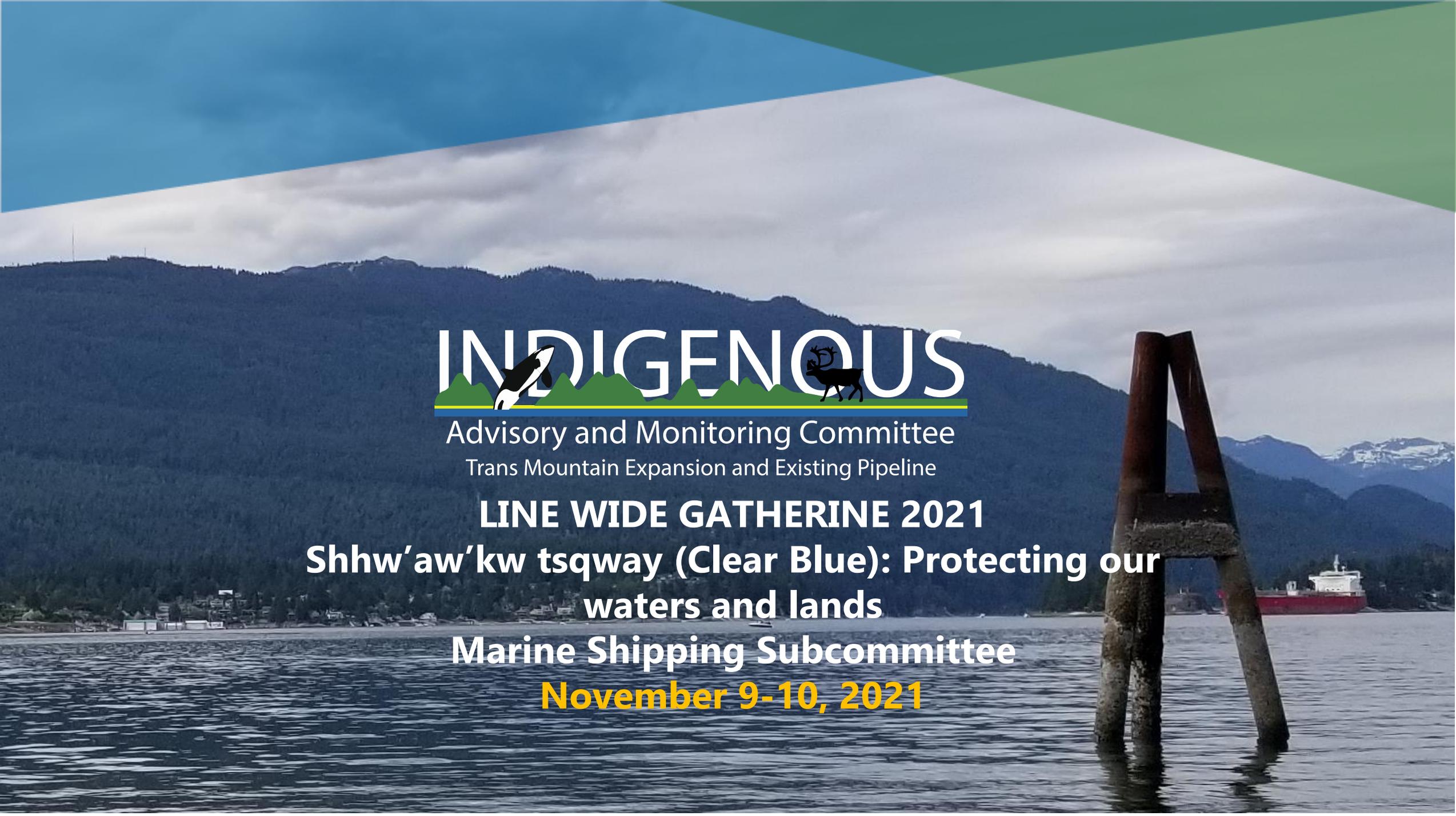


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LINE WIDE GATHERINE 2021

**Shhw'aw'kw tsqway (Clear Blue): Protecting our
waters and lands**

Marine Shipping Subcommittee

November 9-10, 2021

Presenter



Ch uh' keen n uh' kw waut

Community Outreach and
Relationship Specialist for the
IAMC-TMX's Marine Shipping
Subcommittee

IAMC Committee and MSSC Members



Trina Sxwithul'txw

Vancouver Island Southeast



Chief Russell Chipps

Vancouver Island South



David Heap

Canadian Coast Guard (CCG)



Carleen Thomas

Burrard Inlet/
Lower Fraser



Kristine Pearson

Vancouver Island
Western Approach

The IAMC-TMX is committed to achieving collaborative, inclusive and meaningful Indigenous involvement in the review and monitoring of environmental, safety and socioeconomic issues related to Trans Mountain activities.

Marine Shipping Subcommittee Members

- **Trina Sxwithul'txw – Penelakut Tribe**
- **Carleen Thomas – Tsleil-Waututh Nation**
- **Natalie Anderson – Cowichan Tribes**
- **William Morris – Tseycum First Nation**
- **Chief Russell Chipps – Beecher Bay First Nation**
- **Kristine Pearson & Bear Charlie – Pacheedaht First Nation**
- **Caitlin Kenny – Halalt First Nation**
- **Tristan Gale – Malahat Nation**
- **Kathleen Johnnie – Ts'uubaa-asatx First Nation**
- **Ron Frank – First Nations of Maa-nulth Treaty Society**
- **Sheila Williams – Tsawwassen First Nation**
- **Benjamin Spagat – Environment and Climate Change Canada**
- **Sydney Jordan – Transport Canada**
- **Alyssa Megale – Transport Canada**
- **Michael Engelsjord – DFO**
- **Awet Gebrehiwot – DFO**
- **David Heap – Canadian Coast Guard**
- **August Claxton – Canadian Coast Guard**

Recent activities

**Community
Engagement**

**Tier 1
engagements**

**Tier 1 regional
sessions**

**Tier 2 regional
session
(upcoming)**

Marine Communities

Reached

- Cowichan Tribes
- Ditidaht First Nation
- Halalt First Nation
- Huu-ay-aht First Nations
- Hwlitsum First Nation
- Ka:'yu:'k't'h'/Che:k'tles7et'h First Nations
- Kwikwetlem First Nation
- Lyackson First Nation
- Pauquachin First Nation
- Penelakut Tribe
- Snaw-naw-as First Nation
- Snuneymuxw First Nation
- Stz'uminus First Nation
- Toquaht Nation
- Tsawwassen First Nation
- Tseycum First Nation
- Ts'uubaa-asatx Nation
- Uchucklesaht Tribe
- Ucluelet First Nation
- Semiahmoo First Nation

Marine Communities

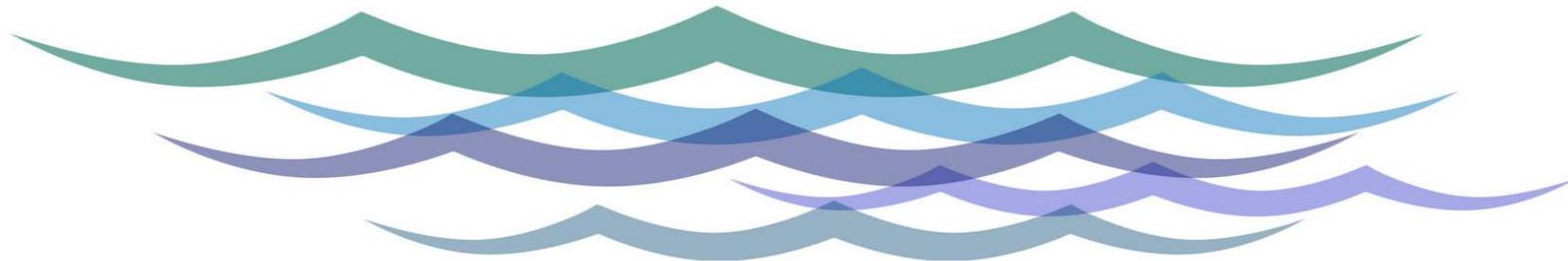
Looking forward to reaching

- Esquimalt Nation
- Katzie First Nation
- Malahat Nation
- Musqueam Indian Band (Xwməθkwəyəm)
- Pacheedaht First Nation
- Scia'new (Beecher Bay) First Nation
- Squamish Nation (Skwxwú7mesh)
- Tsartlip First Nation
- Tsawout First Nation
- Tsleil-Waututh Nation
- T'Sou-ke Nation
- Songhees (Lekwungen) Nation

What we heard: Tier 1 Outreach to communities

General Feedback from Communities:

- Having aboriginal marine presence in coastal waters is critically important.
- Sites of significance are a priority to the communities.
- Communities would like to hear from WCMRC.
- There is a definite need to collaborate and make connections with the US.
- First Nations must be the first responders in coastal waters & coastal emergencies. It is important because First Nations know their local areas, tides, weather, etc. Traditional approaches need to be used when working in marine sectors.
- Indigenous commercial divers could study the ocean floor around anchoring areas and monitor for any environmental decline or anomalies.



What we heard: Regional Tier 1 Sessions

- Marine monitoring needs to be approached from a holistic perspective, without a division between fresh and saltwater, since both systems are interconnected and impact each other.
- There are special barriers faced by smaller First Nations.
- First Nations groups need to unite and work together, rather than as individual Nations, because it weakens the Indigenous community as a whole and produces unnecessary competition.
- It is necessary to implement First Nations regulations and restrictions in the marine shipping sector to preserve the marine wildlife and spaces that are being over-harvested, over-fished, and polluted from commercial traffic.
- The younger Indigenous generations are a key part in creating a sustainable future, but they need to embrace the wisdom of their elders and find the benefits of traditional Indigenous law, land use, and knowledge in general.



Feedback to Government Partners

- Communities are concerned that the government works in silos. First Nations are already underfunded and over tasked with multiple duties. The silos make it difficult for nations to communicate effectively between government departments. This in turn, puts a strain on staff and volunteers in First Nations organizations.
- It is recommended that individuals who live a cultural lifestyle and are connected to the marine environment are most suitable to be trained as monitors. Indigenous knowledge is learned over time and cannot be fast-tracked.
- Marine monitoring needs to include DFO, CCG, & TC.
- Relationships need to be well established between DFO, CCG, TMC, NRCan, ECCC and government partners.
- Parks Canada needs to be more engaged with FN and TMX. Particularly on the coastal aspect of marine shipping and the hazards that exist.
- WCMRC and/or CCG, should place appropriate booms on sites that need protecting and register their GPS coordinates.
- A training framework must be prepared for both the WCMRC and CCG.

Feedback from Communities to Government Partners Pt 2

- Marine stations need to be put in place before shipping traffic increases.
- The government needs to be forthcoming on their plans and preparedness for potential spills in the shipping channels south of Vancouver Island and around the coast.
- Anchoring is a concern: increase in traffic will negatively impact rehabilitated areas and add stress to the marine environment and increase pollution.
- CCG & WCMRC must be aligned in their definition of a spill-size, necessitating an emergency response plan.
- First Nations seek increased awareness on government's oversight of marine response activities.
- First Nations best practices should be the government's priority.

Funding opportunities

Capacity Funding Program

- Ongoing intake related to Committee priority areas
- Projects up to \$499,999
- Can be multi-Nation

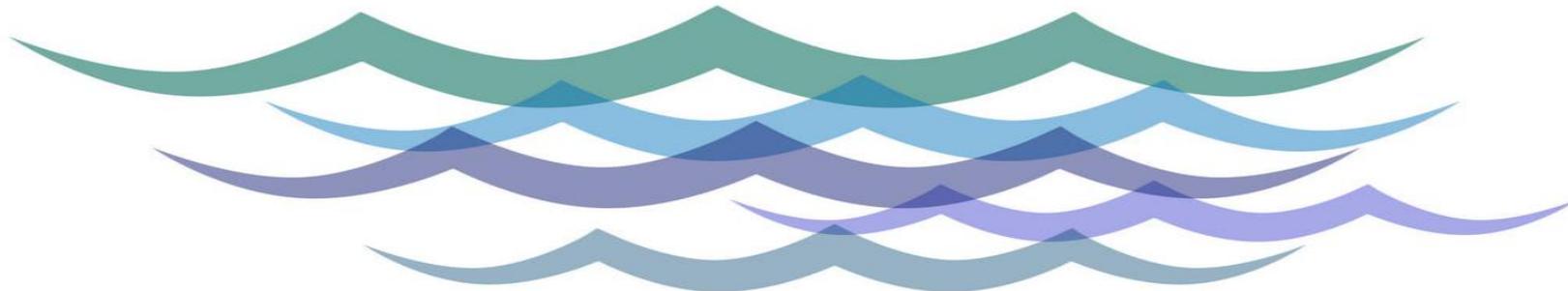
Call for Proposals 2021

- Dedicated marine shipping stream
- Projects up to \$49,999
- Deadline extended until December 15
- 10 applications received under the marine shipping stream so far
 - 5 planning activities, 4 equipment purchases & 1 training/skills activity

For templates and help developing a proposal, please email us at:
tmxcommittee-comitetmx@nrcan-rncan.gc.ca

Discussion Questions

- What does traditional monitoring of our water and land look like?
- What does your community want to monitor in the marine environment and why?
- Where would you like to see enhanced or expanded involvement of our people in the monitoring and protection of our lands and waters?
- What are barriers to Indigenous monitoring and stewardship? Moving forward, what are some strategic considerations that we should note?



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