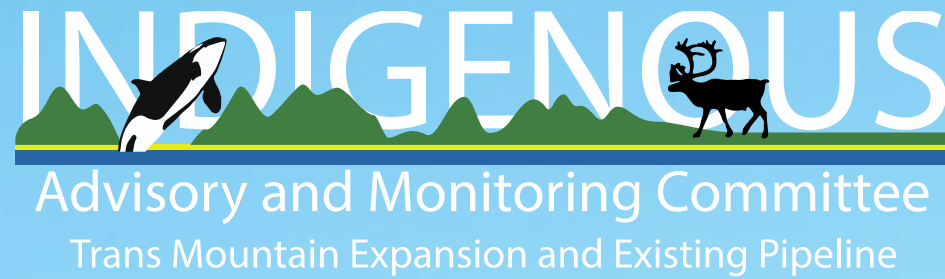


IAMC-TMX Co-Chairs
Michelle Wilsdon and Naina Sloan

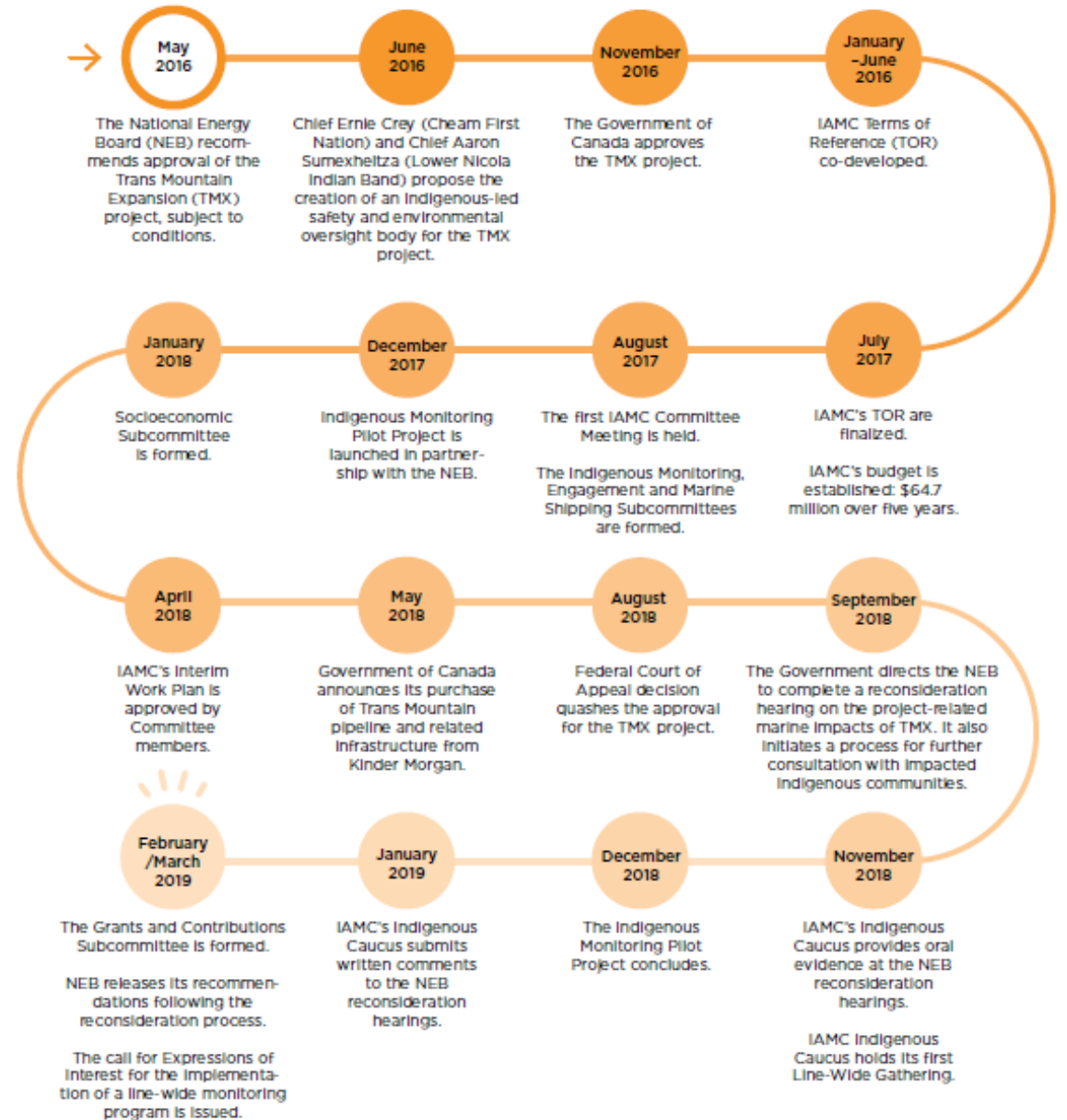
Line Wide Gathering 2019
November 13th
Kelowna, BC



Overview and Developments Since 2018 Gathering

About the Committee

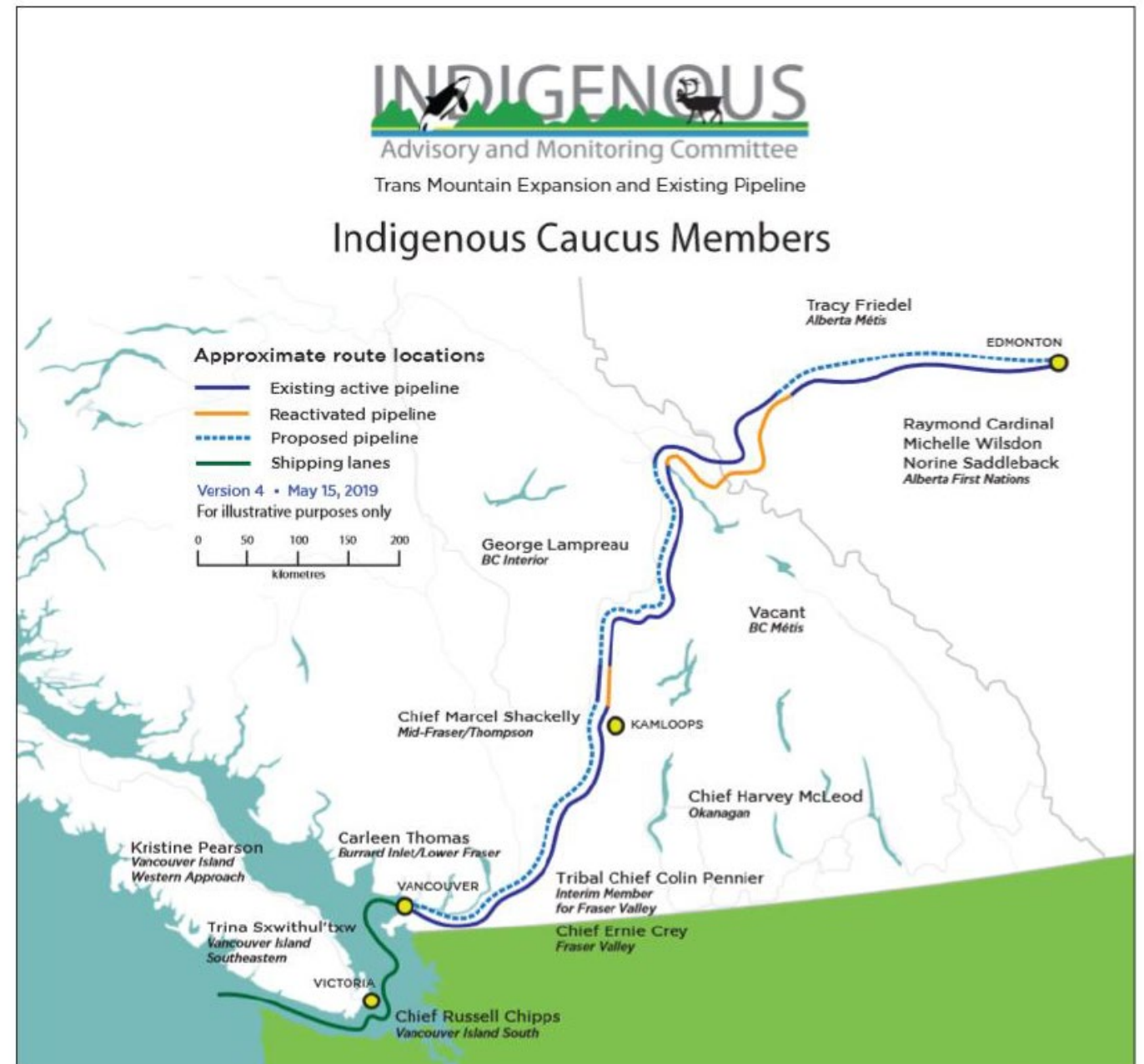
The Indigenous Advisory and Monitoring Committee for the Trans Mountain Expansion and Existing Pipeline (IAMC-TMX) brings together Indigenous and government representatives to provide advice to federal regulators and to monitor the TMX project, the existing pipeline and the associated marine shipping.



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.

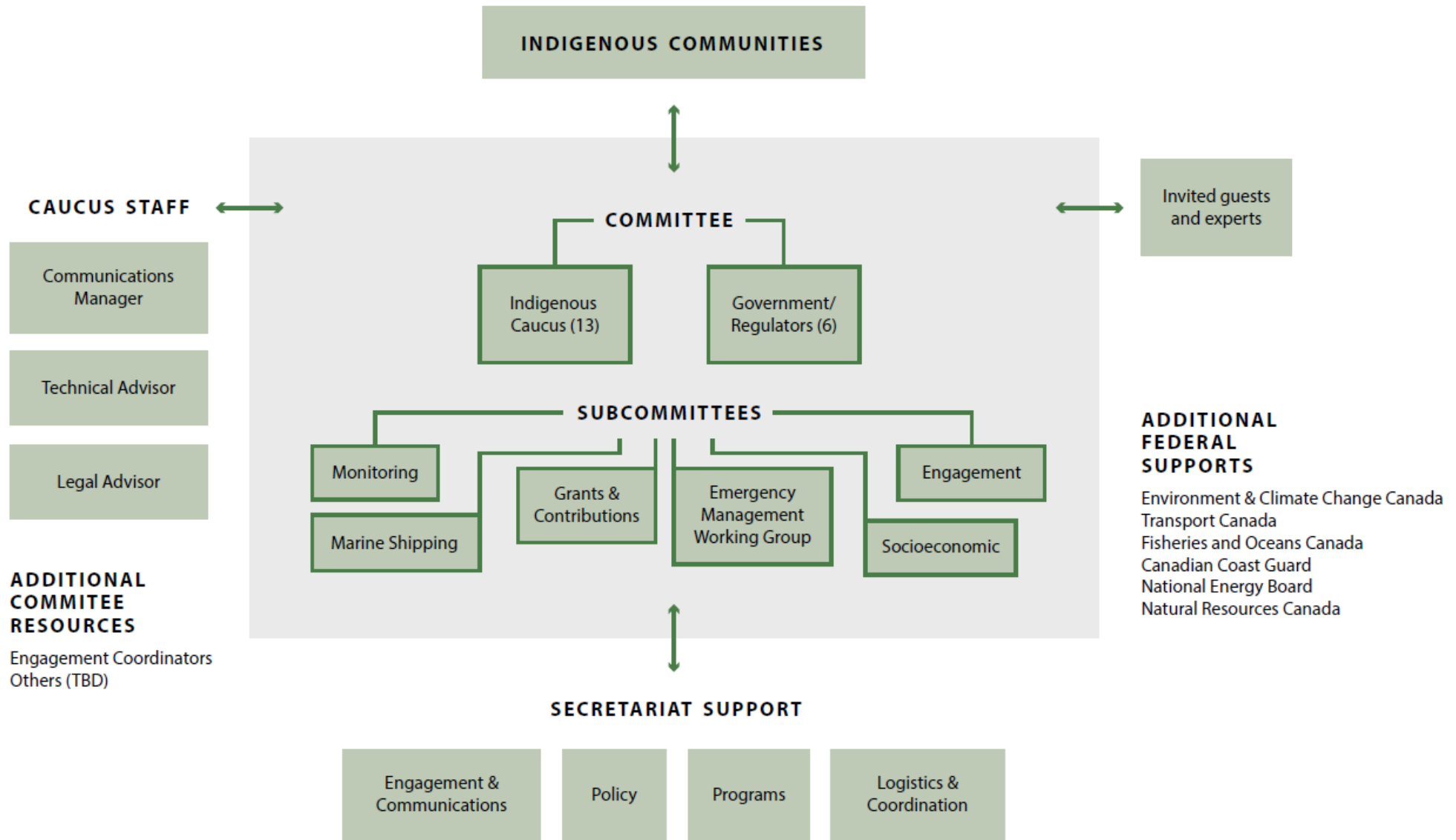


Federal Members

1. Naina Sloan, 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. Tracey Sandgathe, Fisheries and Oceans

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.

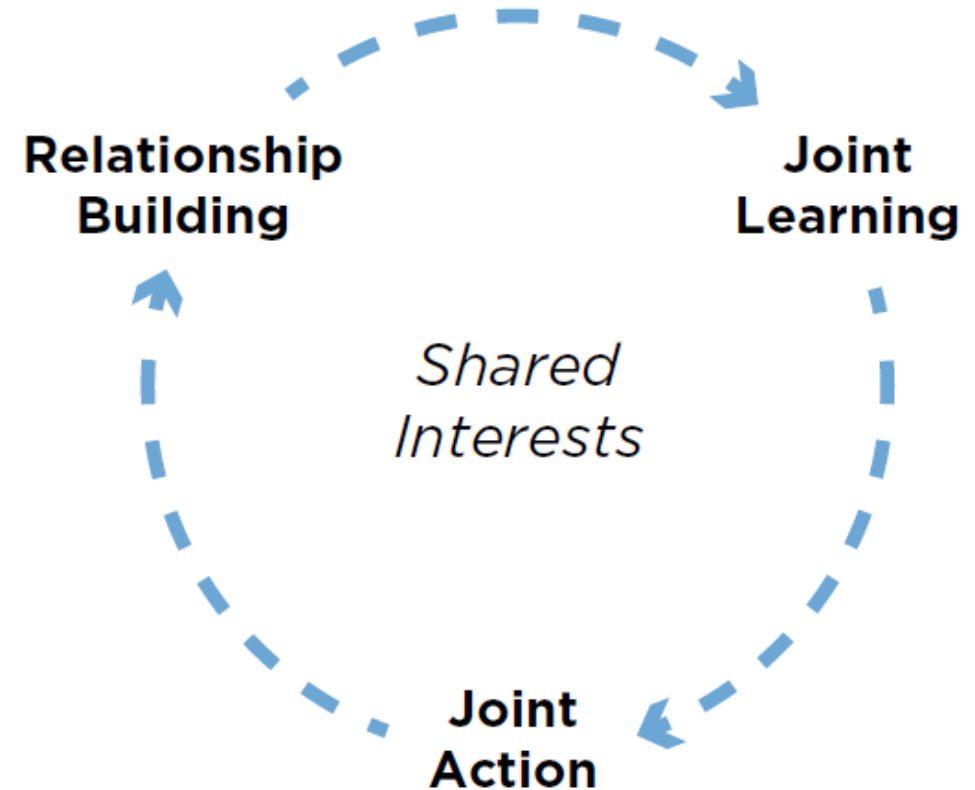
Organizational Chart



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”

The Committee is a forum for collaboration; does not represent Rights Holders, and is not a venue for consultation.

Participation is “without prejudice”

- Participation by all parties indicates neither support nor approval of TMX.
- Some Indigenous Caucus members come from communities that support TMX, others that oppose.

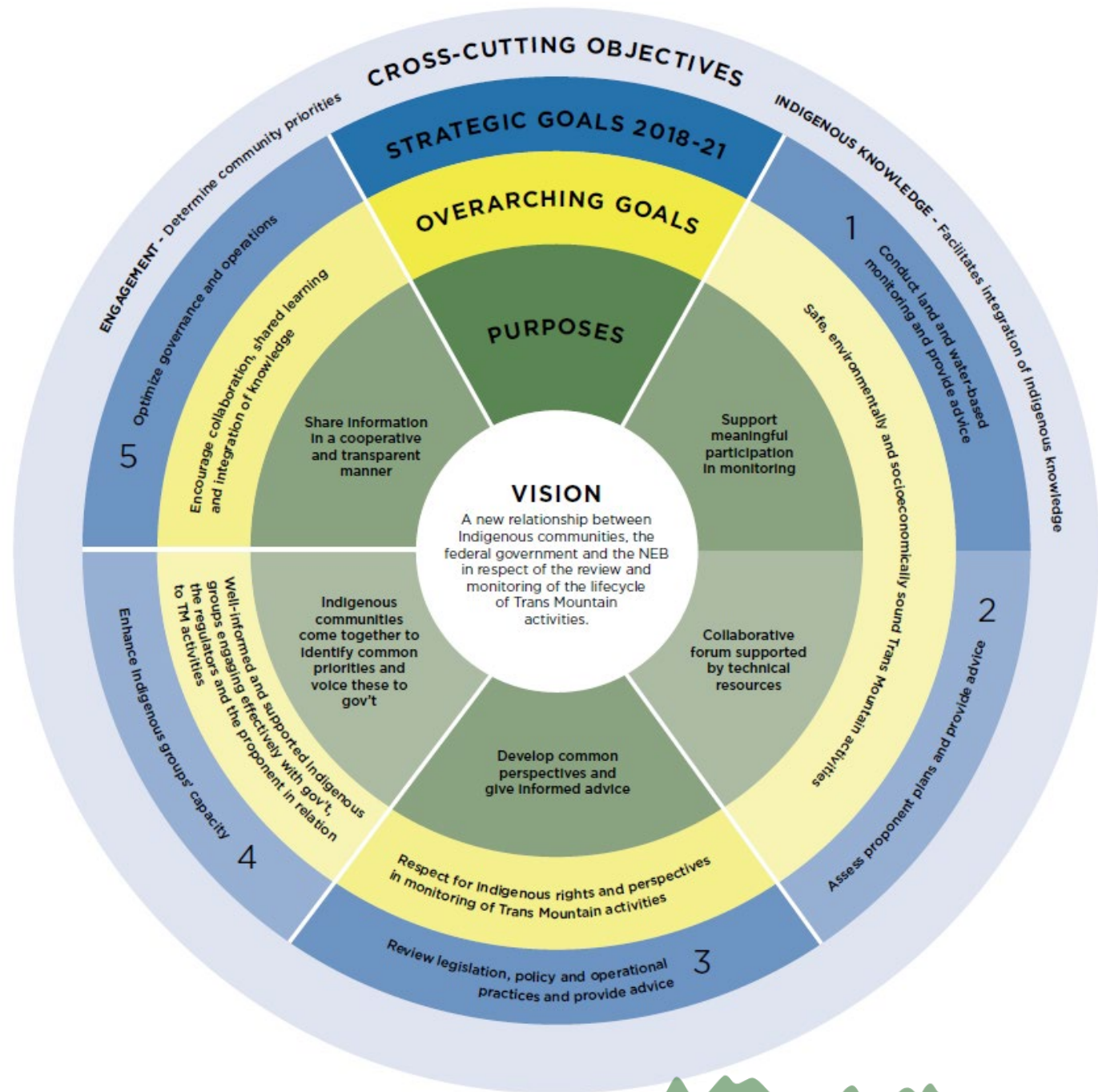


Overarching Goals

- 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



IAMC-TMX's Strategic Goals



Highlights (since 2018)

- Completed the Indigenous Monitoring Pilot Program
- Created a trilateral Monitoring Discussion Forum
- Supported participation in major emergency management training exercises
- Initiated a work camps study
- Commissioned a labour demand study
- Enhancing the capacity of Indigenous communities
- Demonstrating transparency and accountability in our work
- Engaging with experts





Advisory and Monitoring Committee
Trans Mountain Expansion and Existing Pipeline



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Indigenous Advisory and Monitoring Committee - TMX



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Advisory and Monitoring Committee
Trans Mountain Expansion and Existing Pipeline

IAMC Indigenous Monitoring Program

Line Wide Gathering – Plenary Session

November 13, 2019





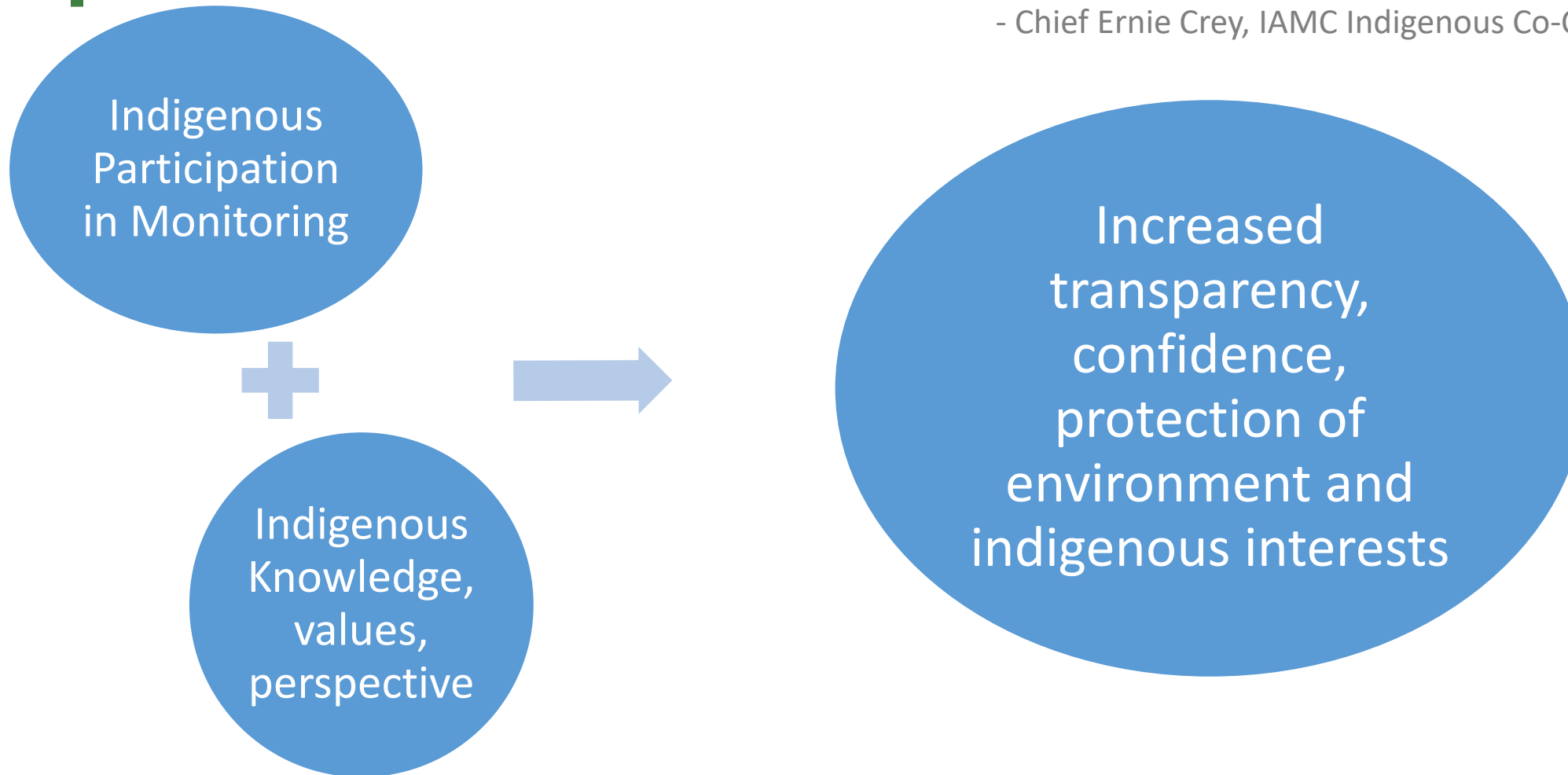
Overview

1. Objectives
2. Origins
3. Structure
4. Roles and responsibilities
5. Next steps

IAMC Objectives

“We won’t be on the outside looking in. We’ll be at the table and on site, protecting our lands and waters.”

- Chief Ernie Crey, IAMC Indigenous Co-Chair



Origins

July 2017:

IAMC Terms of Reference

November 2017 – December 2018:

IAMC Indigenous Monitoring Pilot Program

March 2019:

Line-wide call for expressions of interest and evaluations

Summer 2019:

Regional information meetings

Fall 2019:

Training and orientation



Origins: Call for expressions of interest

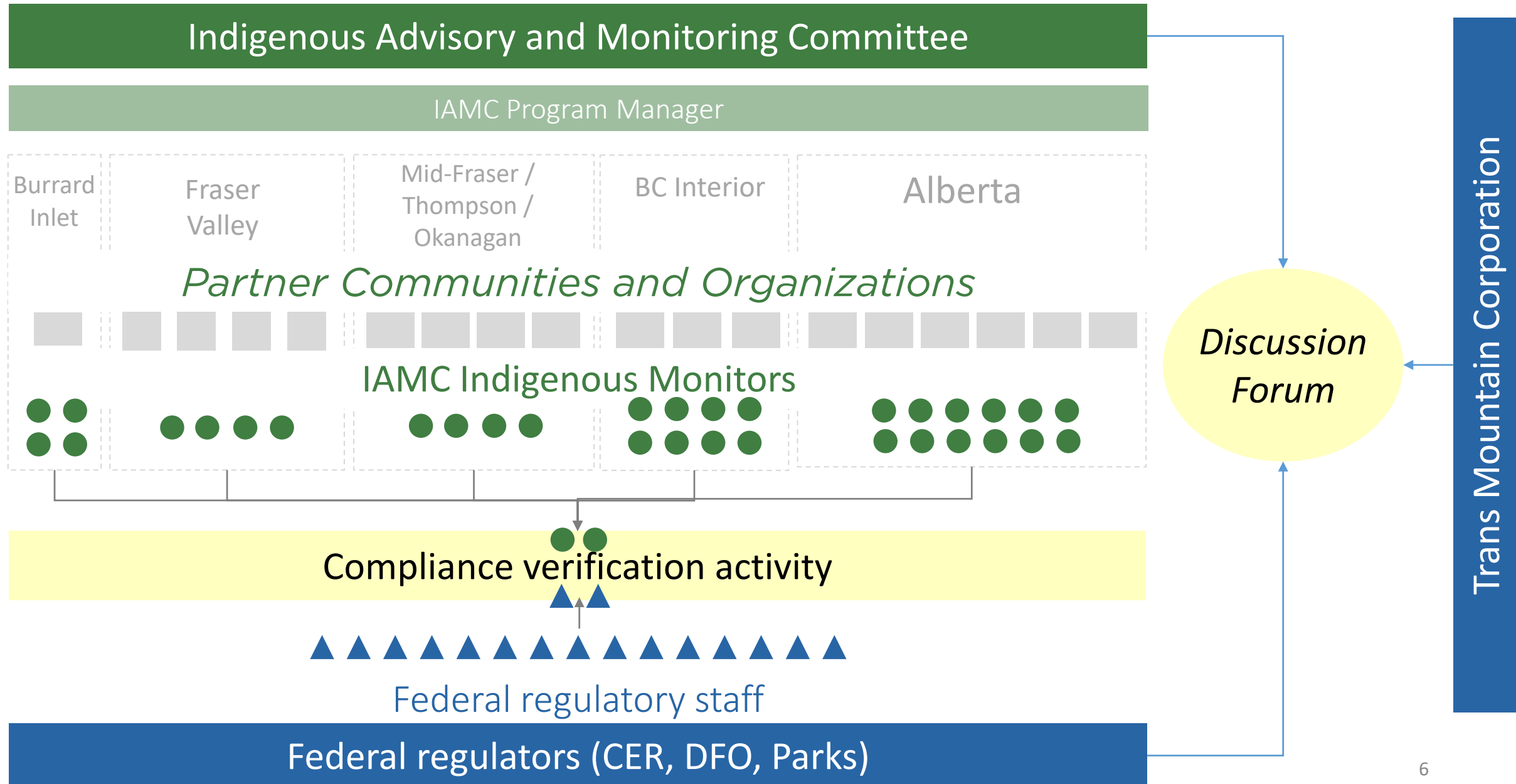
FY2019/20:

- Call sent to line-wide contact list on February 13, closed March 27 (2 reminders sent)
- Screening for eligibility by Indigenous Caucus and federal representatives without potential appearance of conflicts of interest

FY2020/21 and beyond:

- Committee to develop plan for future phases of the IAMC Monitoring Program

IAMC-TMX Indigenous Monitoring Program Structure FY2019/20



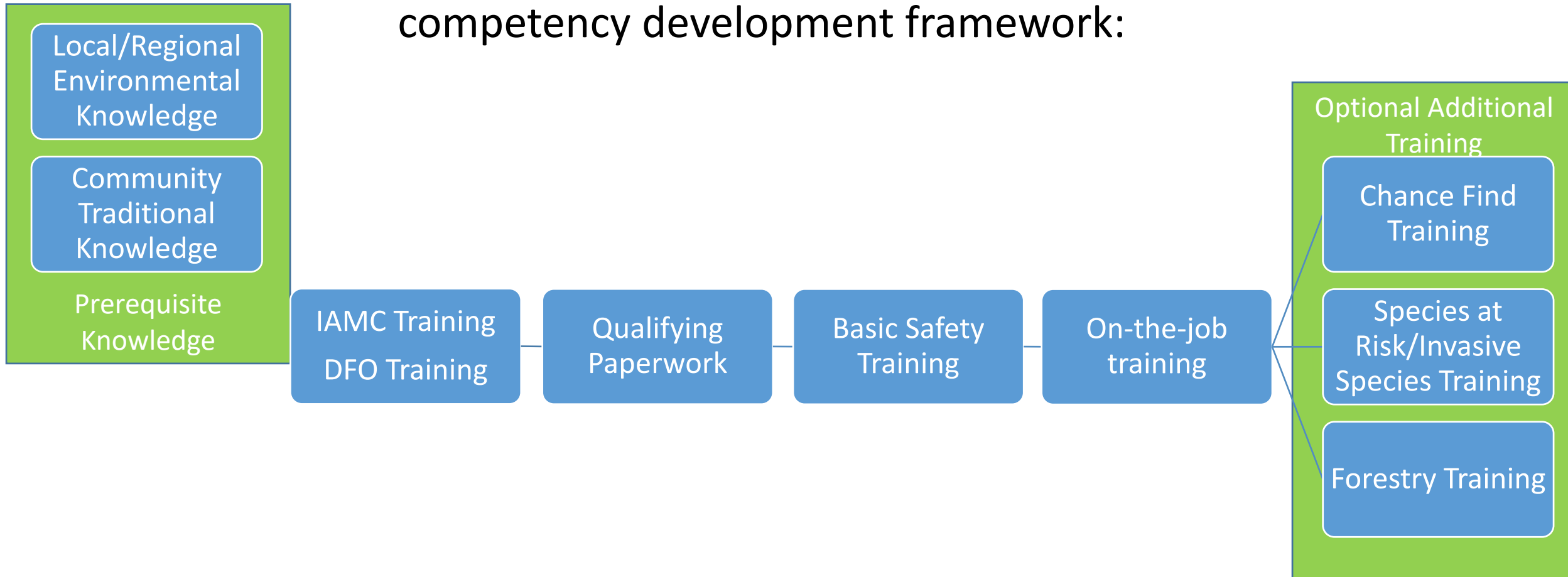
Roles and responsibilities

Within current legislative and regulatory frameworks, and subject to safety considerations, IAMC Indigenous Monitors:



Training and development

- IAMC Indigenous Monitors follow a training and competency development framework:



Integrating Indigenous knowledge

- Planning: CER and IAMC exploring how to incorporate Indigenous interests into risk-based approach to compliance verification planning
- Pre-inspection: Monitors research information provided to regulators and proponent
- During inspection: Monitors identify priorities and request information

Future directions

- Implementing line-wide program during active construction with 18 partners and 34 monitors
- Exploring opportunities to team up with other regulators
- Developing approach to next phases of IAMC monitoring
- Engaging with communities on monitoring priorities



Tomorrow's Session: Discussion on IM/Communities/Regulatory Communications

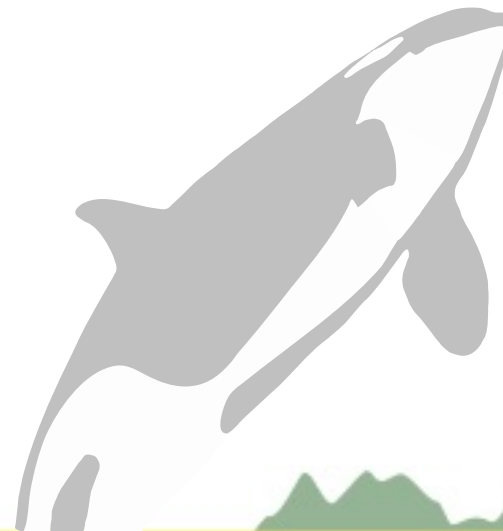
- Deep dive into Training, Roles and Responsibilities, Issue Management, Code of Conduct and discussion on engagement with your communities.

Questions or comments?



Small Table Dialogue: Indigenous Monitoring

What are needs and key priorities you would like to see the Indigenous Monitoring Subcommittee address or focus on for your community, territory, or nation?



Tina Donald



Advisory and Monitoring Committee
Trans Mountain Expansion and Existing Pipeline

Emergency Management



Overview

- IAMC Role in Emergency Management
- Emergency Management Initiatives to Date
- Future Work on Emergency Management

IAMC Role in Emergency Management

Emergency Management (EM) Working Group formed in March 2018 to focus 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
- Enable the IAMC to better understand the issues and engage with communities, TMC and regulators on matters relating to EM
- Inform policy development

IAMC Role in Emergency Management

Work plan to-date has focused on two areas relevant to both terrestrial and marine priorities:

1. Understanding potential gaps in TMC's emergency management plans and development of advice and options for improvement; and
2. Understanding gaps in community capacity to prepare and respond to emergencies and development of options to provide capacity support.

Emergency Management Initiatives to Date

Highlights

- IAMC members and Indigenous monitors have participated in **six emergency response exercises**
 - Five Canadian Energy Regulator (CER – formerly NEB) exercises
 - One marine-based exercise
- IAMC involvement has evolved from observers to full participation (i.e. co-planning and co-management).
- The Indigenous Monitoring Pilot & the IAMC **has provided input** to Trans Mountain, the NEB, Coast Guard and WCMRC with respect to spill exercises
- The IAMC **evaluated the investigation** of the Darfield oil spill
- Discussions with federal regulators and communities are ongoing

Emergency Management Initiatives to Date

A number of pilot projects underway:

1. Removing barriers to participation in Incident Command System (ICS) (**COMPLETED**)
2. Regional spills planning and preparedness initiative (Stó:lō Territory) (**IN PROGRESS**)
3. Alberta Spills planning, preparedness, and response initiative (**IN DEVELOPMENT**)
4. Marine Emergency Response Pilot (**PAUSED**)



Emergency Management Initiatives to Date

Pilot #1: Increase Indigenous Inclusion in Incident Command System (ICS)

Participants from Indigenous communities:

- Participated in an emergency exercise held on the Fraser River by Trans Mountain
- Received pre-exercise training and coaching during the exercise

Project outcomes:

- One model for communities to follow to increase Indigenous participation in emergency response
- A de-briefing session to discuss and review the exercise
- Cross cultural training for all exercise participants
- Community emergency contacts validated by participating communities throughout



Emergency Management Initiatives to Date



first **RESPONSE**
THINKING AHEAD

Pilot #1: Increase Indigenous Inclusion in Incident Command System

Promote use of ICS training to all-hazard situations i.e. fire, flood, planning large events

Our Future

Simpcw is committed to creating a strong future for our people. We strive to uphold our culture, and work towards economic sustainability and professional development for our community.



Simpcw Cultural Awareness

20 communities were invited

Tkemplups

Bonaparte

Nooaitch

Lower Nicola

Canim Lake

Skeetchestn

Adams Lake

Lheidli T'enneh

1st Response provided mentors

Whispering Pines

Nicomen

Ashcroft

Williams Lake

SWAT –Simpcw boat

Coldwater

Upper Nicola

Cooks Ferry

Shackan

Canoe & Dog Creek

Kanaka Bar

Soda & Deep Creek

Pilot #1: Increase Indigenous Inclusion in Incident Command System

Promote use of ICS training to all-hazard situations i.e. fire, flood, planning large events

Each participant was asked to provide input on the following:

- 1) Their highlights of the deployment exercise
- 2) The role that they might play next time.
- 3) What they might like to see next time, or changes, or ways to improve the program.

HIGHLIGHT:

Enjoyed the training and the Simpcw presentation. It was cool to watch the ICS system roll out on spills. I've seen it on fires. It good because they slowed it down, and to see it broken down in a training situation. Its one system for different events

WAYS TO IMPROVE:

A lot of technical terms and abbreviations are used in ICS system/pipeline industry. It would be goo to have a list of terms, or a definitions book.

ROLE I MIGHT PLAY:

Boots on the ground, but might actually go into the Environmental Unit next time and plan a part in planning.

RECOMMENDATION:

Conduct a presentation for all members (invite all members to two different locations) to show how emergency management and training can assist them with various emergencies including floods, wildfires, etc.



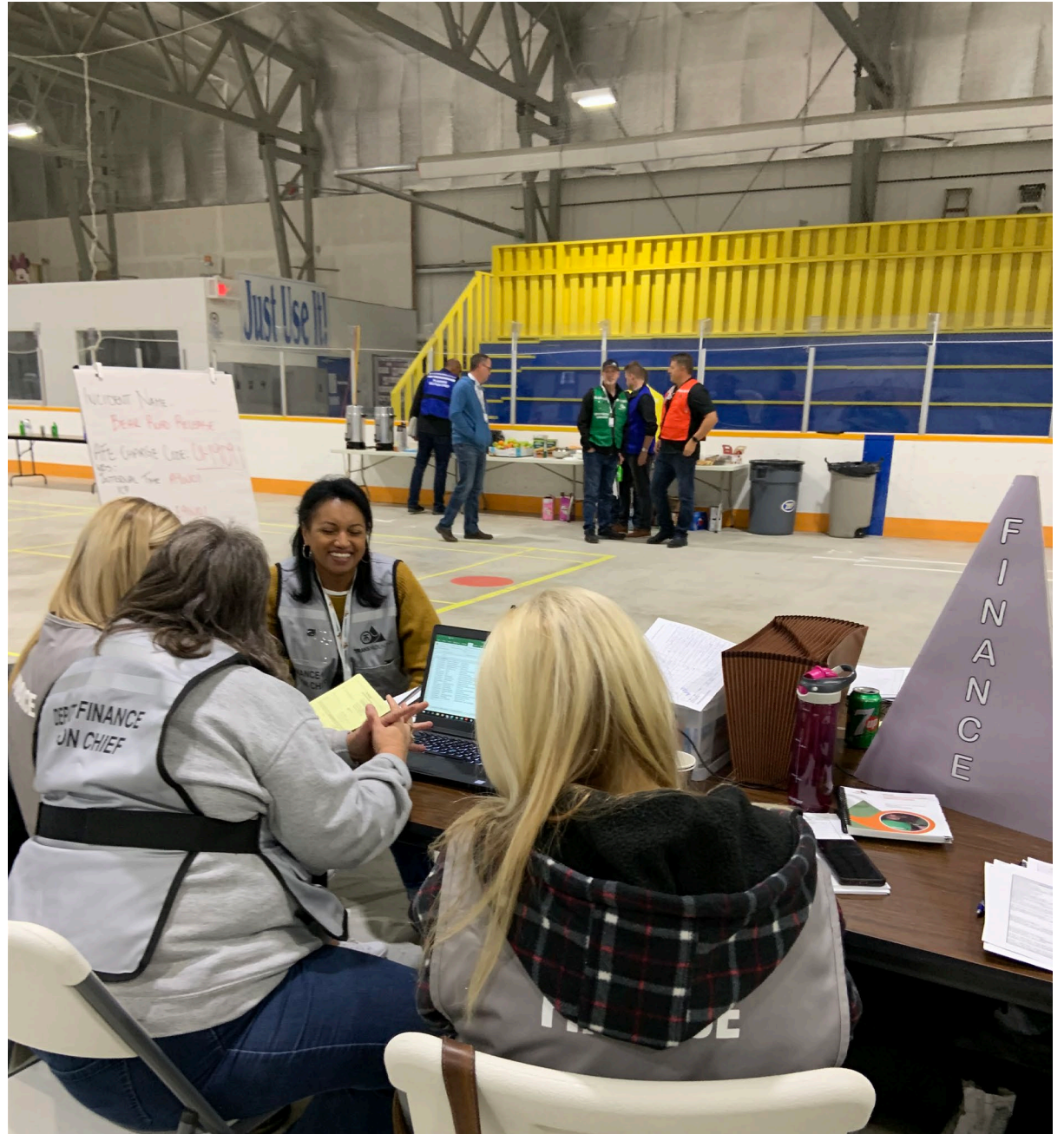














Emergency Management Initiatives to Date



Pilot #2: Regional spills planning and preparedness initiative (Stó:lō Territory)

(in partnership with the First Nations Emergency Services Society – FNESS)

Objectives:

- Build regional understanding of spills preparedness and identify EM Community Champions who can play a leadership role in preparation and response to Emergencies (particularly spills)
- Host a regional workshop to share information and build understanding of key oil spill preparedness and response topics
- Increase clarity on community's interests and role in EM response.

Future Work on Emergency Management

Pilots #3 and #4: Technical Workshops

EM Working Group is currently in the planning stages to potentially host **technical workshops** on emergency preparedness and emergency response for Indigenous communities in various regions.

Alberta – Interested in understanding Nation's interests, priorities, and desired outcomes.

BC Marine Environment – Reviewing recent Federal Accommodation Measures and Initiatives to better understand where gaps exist and contribution would be most beneficial.



Interested in your thoughts!

| **Q&A**

Open Space Collective: Emergency Management



Framing the Topic

When you think of emergency management for your community in relation to the pipeline write down the first thing that comes to your mind.

A dark gray circle with a thin white border. Inside the circle, the text "Open Space Collective: Emergency Management" is written in white, sans-serif font, centered and stacked in four lines.

Open Space
Collective:
Emergency
Management

Focus Question:

What is needed in your community to address emergency management with respect to the pipelines?



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Trans Mountain Expansion and Existing Pipeline



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Indigenous Advisory and Monitoring Committee - TMX

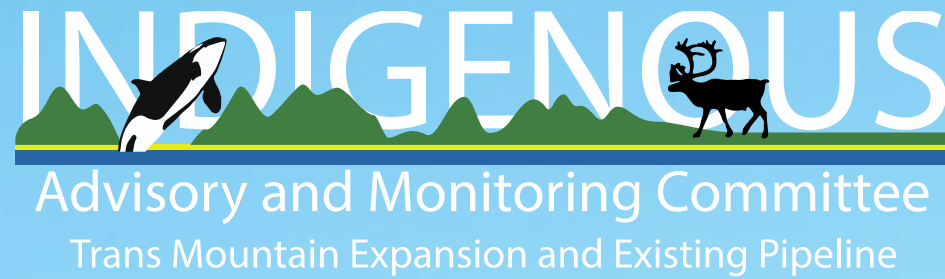


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iamc-tmx.com

Tracy Friedel
George Lampreau

November 13, 2019
IAMC Line Wide Gathering



Work Camps and other Influx of Temporary Workers – Impacts and Benefits to Communities

Presenters



Tracy Friedel

IAMC Member, Alberta Métis
Co-Chair, Socioeconomic Subcommittee
President, Region 4 Métis Nation of Alberta



George Lampreau

IAMC Member, BC Interior
Member, Socioeconomic Subcommittee
Councillor, Simpcw First Nation

Overview

1. TMX Work Camps / Influx of Temporary Workers
2. How is the IAMC collaborating with Indigenous communities around this issue?
3. Early learnings of Simpcw First Nation

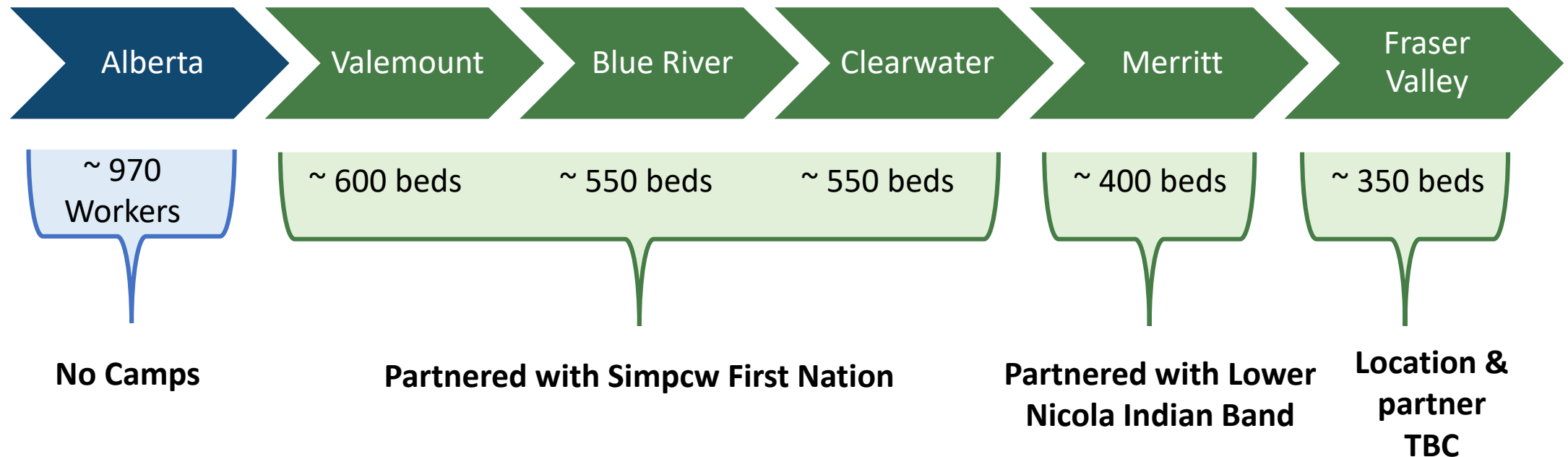




TMX Work Camps & Influx of Temporary Workers

Work Camps and the Influx of Temporary Workers

- TMC to construct 5 work camps in BC (worker accommodation)
- Workers will also stay in hotels, motels, RV Parks, rental apartments, B&Bs & private residences



Work Camps and the Influx of Temporary Workers

- Work camps can contribute to building economic capacity in Indigenous communities, e.g. through joint ventures, sub-contracts, jobs, etc.
- But the risk of potential negative effects also exists, a top concern raised raised by multiple Indigenous communities

Work Camps and the Influx of Temporary Workers

- Potential negative effects may include:
 - Heightened demand on local services and infrastructure (eg: health, housing)
 - Undue pressure on local resources (eg: fishing, hunting)
 - Higher levels of crime, increase in gang activity
 - Increased instances of sexual violence and abuse
 - Issues concerning drug and alcohol use
 - More traffic and traffic accidents

Enhancing Monitoring & Regulation

- Monitoring and regulation of worker accommodation can involve many partners and stakeholders, including:
 - Indigenous communities
 - Federal agencies (CER, RCMP, etc.)
 - Provincial agencies (Health Regions/Authorities, Emergency Response unit, EAO, etc.)
 - Trans Mountain Corporation and its contractors
 - Camp operators and JV partners
 - Other local, regional and municipal agencies and organizations



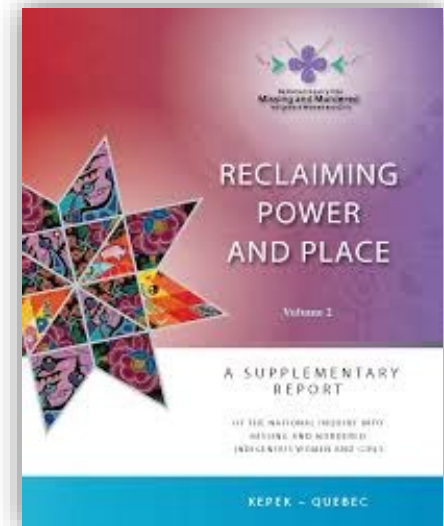
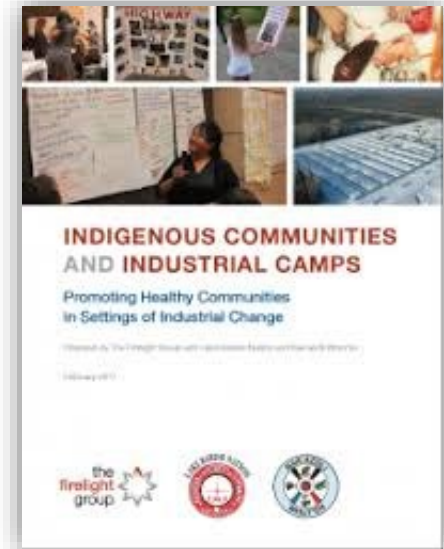
How is the IAMC
collaborating with
Indigenous communities
around this issue?

Finding New Ways to Work Together (IAMC/communities)

- The IAMC brings together Indigenous communities, government departments, federal regulators, Trans Mountain Corporation, and other parties to:
 - Build shared understanding of Indigenous issues and interests as it concerns TMX
 - Enhance relationships between the parties
 - Foster dialogue/formulate advice as to how to improve policy and monitoring incl. with respect to worker accommodation.

What We've Done – Phase 1

- Initiated work with Firelight Group (researchers with experience assessing the effects of work camps on Indigenous communities).
- Researched wise practices in work camps and transient work forces (informed by UNDRIP, TRC, the MMIWG Final Report, as well as concerns expressed by Indigenous communities and their members).
- Comparing wise practices to current plans and policies; preparing draft recommendations.
- Engaging in dialogue with TMC to discuss community concerns and recommendations.



What We've Done – Phase 1

- Conducted a cultural ceremony at the time of the MMIWG Final Report release (a chance to reflect upon and learn from the findings).
- Undertook community engagement with Simpcw First Nation (host of 3 work camps) to better understand local concerns and explore a community-based monitoring approach.
- Hosted a meeting of influencers in Alberta which has no work camps but will have a large number of transient workers.
- Initiated discussions with Lower Nicola Indian Band.



What We've Done – Phase 1

Based on a review of the company's policies, wise practice research, and community engagement, Firelight and the IAMC are preparing a series of briefing notes:

1. TMC's Drug & Alcohol Policy
2. TMC's Employment Strategy
3. TMC's Employee Code of Conduct
4. TMC's After-Hours Policy
5. TMC's Worker Accommodation Strategy
6. Transportation (traffic and road safety concerns)
7. Simpcw First Nation Monitoring Indicators

What's Next?

- Finalizing Phase 1 work with Firelight; sharing outcomes.
- Expanding engagement, supporting additional communities and regions:
 - Alberta
 - Simpcw – regional engagement
 - Lower Nicola Indian Band & Merritt region
 - Fraser Valley
- Continuing to bring parties together, including with TMC, to proactively explore concerns, enhance monitoring and discuss policy.
- Exploring the potential of Community Safety Planning (Public Safety Canada) sessions to enhance this work.



Early learnings of Simpcw First Nation



Early learnings of Simpcw First Nation

- Host of 3 work camps in Simpcw traditional territory
- Camp JV's: Simpcw Resources Group and Atco.
- Focus on protecting people and maintaining positive relationships.
- To do this, Simpcw feels strongly that Work Camps should be dry.
- IAMC is supporting Simpcw with research and with convening tables of decision-makers, regulators, and other affected parties.
- Current work involves finalizing a community-based monitoring approach

Small Table Dialogue: Work Camps and Temporary Workers

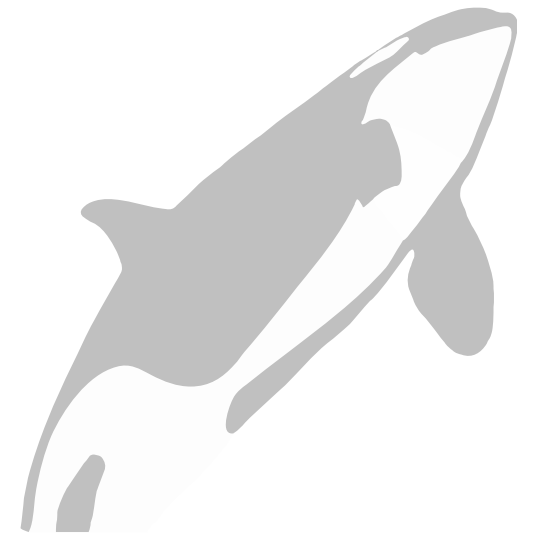
Framing the topic:

When you think of the work camps and/or temporary workers, what are the first things that come to your mind?



Impacts of Work Camps & Influx of Temporary Workers

1. In view of its current mandate, how can the IAMC-TMX assist communities in addressing concerns related to work camps or the influx of workers?
2. As we expand engagement and dialogue, who are the individuals, organizations or agencies who should be included in your region?





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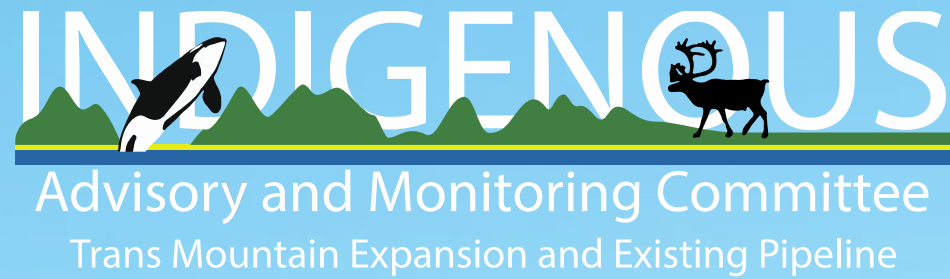


Indigenous Advisory and Monitoring Committee - TMX



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Engagement on the Work of the Committee

Engagement:



A word cloud of engagement-related terms. The words are arranged in a roughly circular pattern, with some words appearing more frequently or in larger fonts than others. The words include: inclusive, safe, dialogue, purposeful, connection, worthwhile-conversations, relationships, productive, common-goals, friendly, authentic, evolving, uncomfortable, is-ok, and goals.

inclusive
safe
dialogue
purposeful
connection
worthwhile-conversations
relationships
productive
common-goals
friendly
authentic
evolving
uncomfortable
is-ok
goals

Objective:

During this session we want to hear from you on how to connect with you about two subjects:

- 1. The Committee priorities and**
- 2. The TOR Review**

We also want to continue to hear about best practices for sharing information...



Committee Priorities

1. Indigenous Monitoring
2. Emergency Management
3. Work Camps and the Influx of Temporary Workers

Questions:

1. How do you want to be engaged on these priorities?
2. Are there other priorities we should be considering? How can we support your work in these areas?



1. Who should be engaged?

2. How should we engage?

Key Elements of the Terms of Reference:

- Goal
Purposes
- Principles
- Roles and Responsibilities
- Membership
- Representation
- Structure
- Advice
Other





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Advisory and Monitoring Committee
Trans Mountain Expansion and Existing Pipeline

Indigenous Monitoring

Line Wide Gathering – Dialogue Session

November 14, 2019





Overview

1. Summary of the IM Program
2. Roles and Responsibilities
3. TMX vs TMC
4. Issue Management and Code of Conduct
5. Discussion

Origins

July 2017:

IAMC Terms of Reference

November 2017 – December 2018:

IAMC Indigenous Monitoring Pilot Program

March 2019:

Line-wide call for expressions of interest and evaluations

Summer 2019:

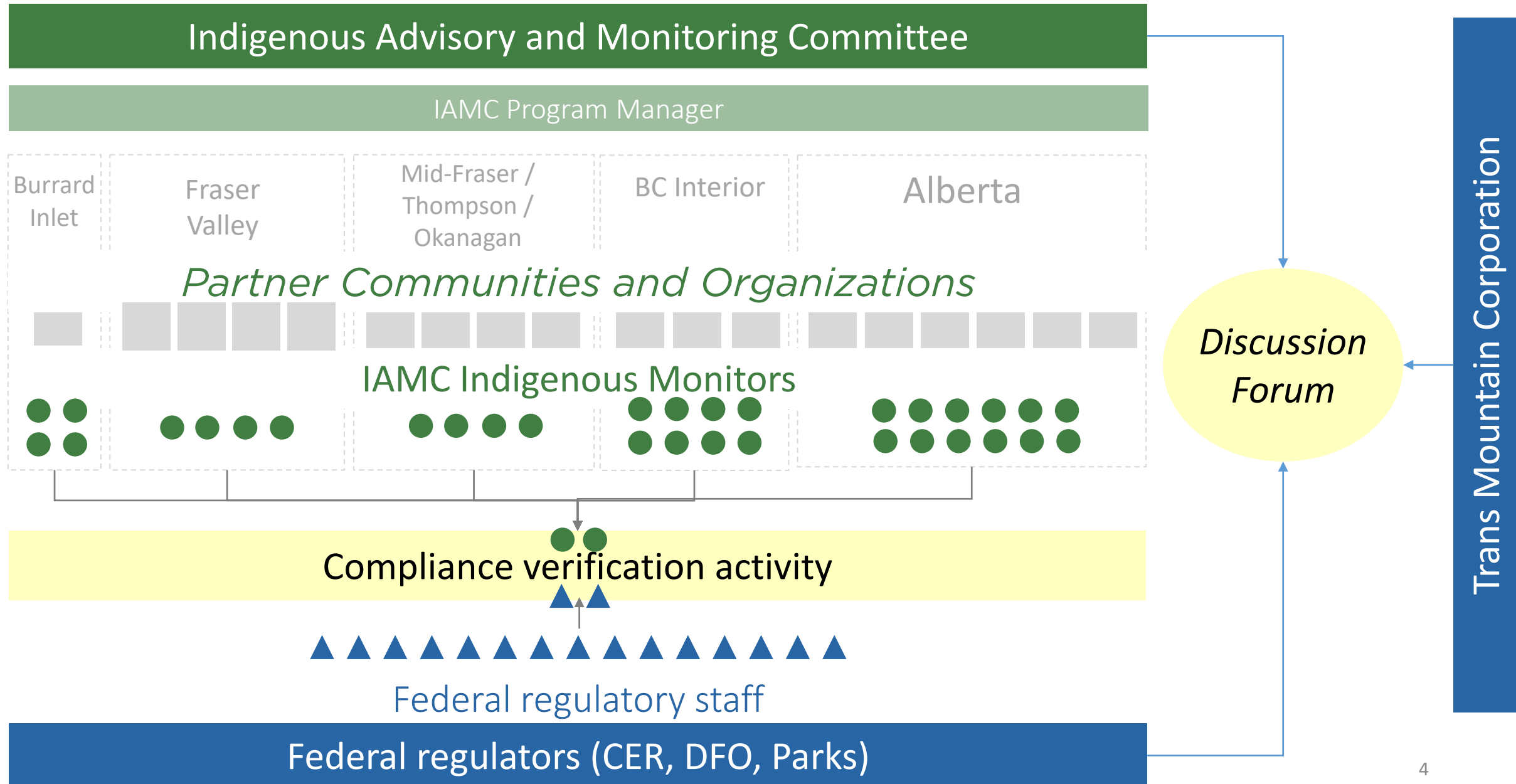
Regional information meetings

Fall 2019:

Training and orientation

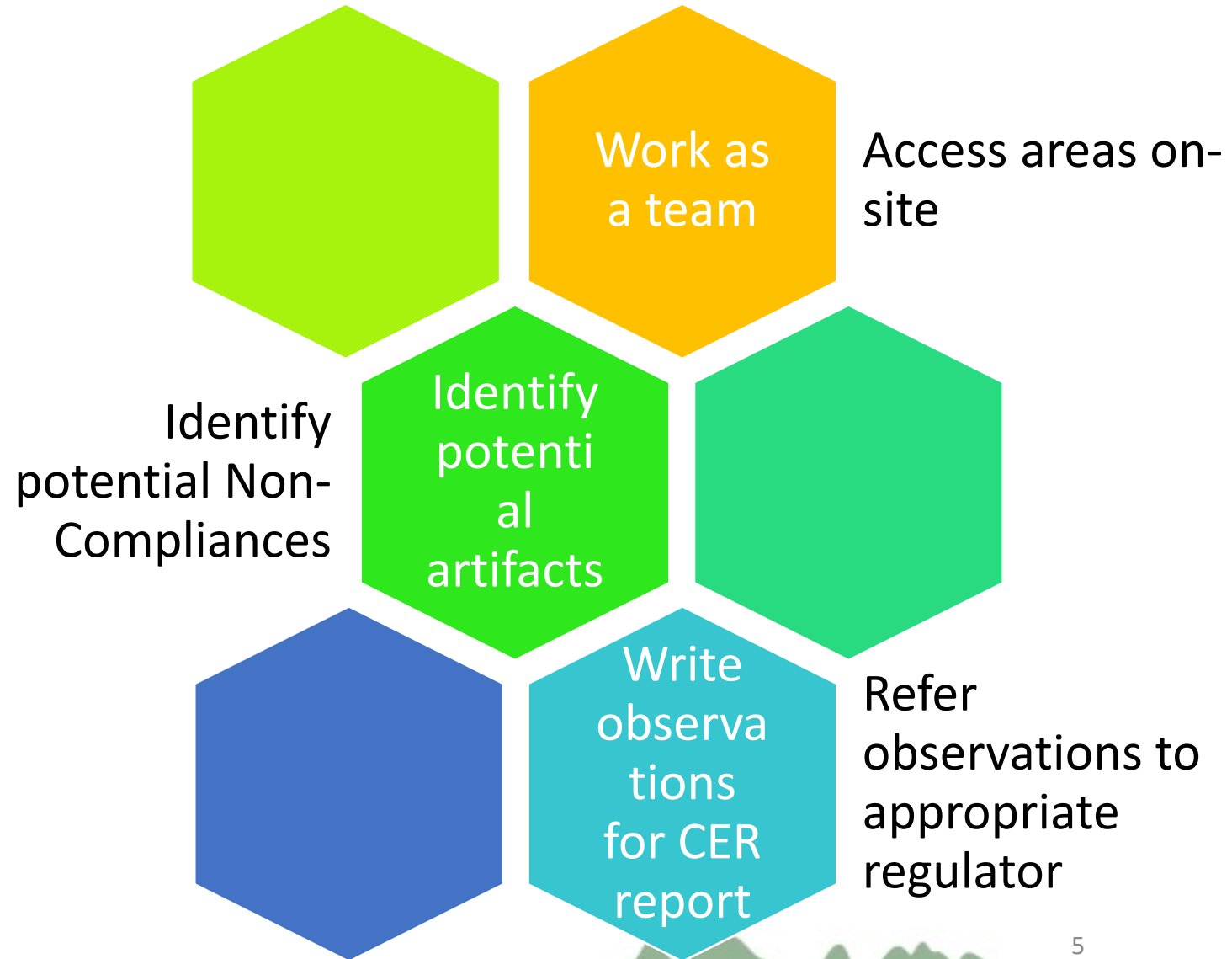


IAMC-TMX Indigenous Monitoring Program Structure FY2019/20



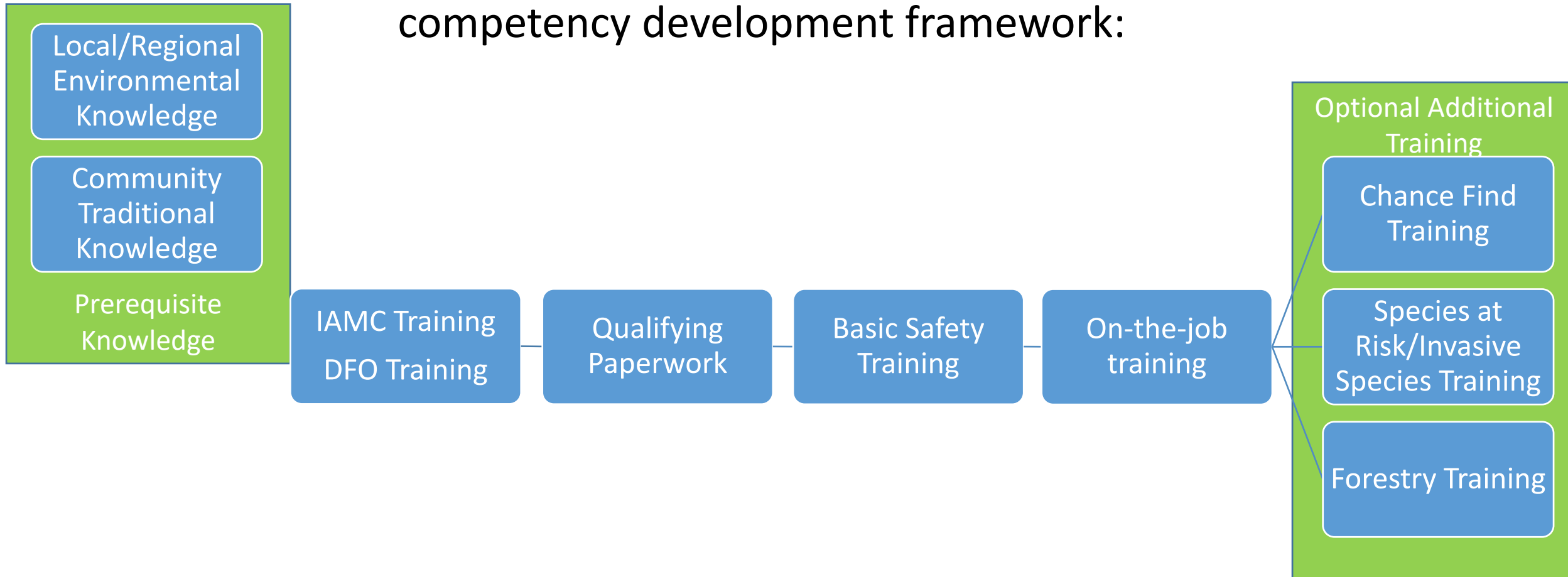
Roles and responsibilities

Within current legislative and regulatory frameworks, and subject to safety considerations, IAMC Indigenous Monitors:



Training and development

- IAMC Indigenous Monitors follow a training and competency development framework:



Comparison of IAMC IMs and TMC IMs

IAMC Indigenous Monitoring Program

- Identified as shared interest
- Funded by IAMC
- Monitors participate in regulator's compliance verification activities (e.g. inspections)
- Monitors employed by Indigenous communities that partner with IAMC
- Reporting is public—joint with regulators

TMC Indigenous Monitoring Program

- Mandated by CER conditions
- Funded by proponent
- Monitors on site daily
- Monitors employed by proponent (contractors)
- Monitors report to Lead Environmental Inspector
- Reports go to Monitor's community

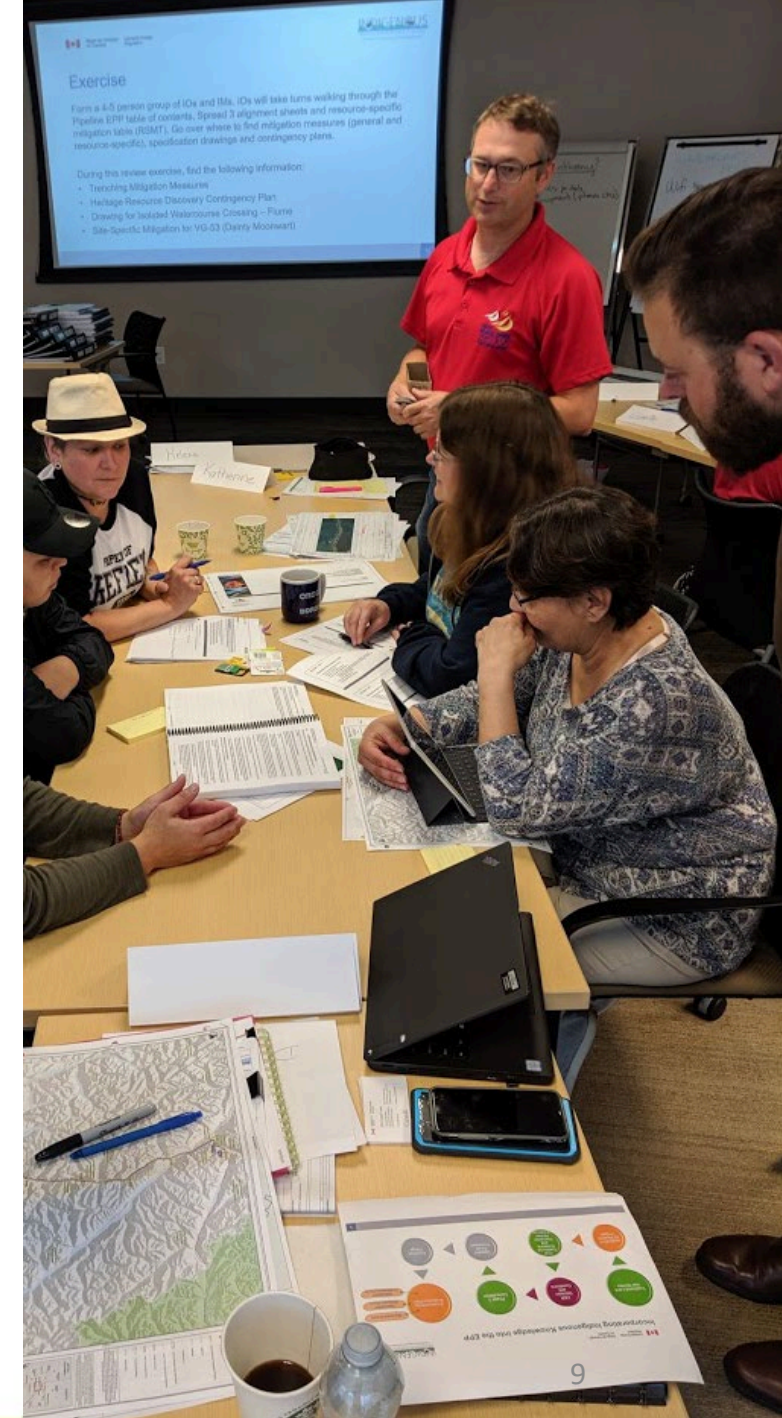
Issue management

- Best efforts made to resolve issues in-field
- Issues not resolved in field are documented and brought to Discussion Forum (senior reps from CER, IAMC, and TMC)
- Meets to discuss issues not related to compliance so activity and reports can be completed
- Discussion may result in agreement on solution of path to resolution



Code of conduct

- Monitors represent the IAMC and so will uphold its values and principles as outlined in the ToR:
 - Treat each other and all organizations or communities with respect and good faith;
 - Share relevant information, to the extent they are authorized to do so;
 - Listen to one another with open minds in an effort to understand each other's concerns and perspectives;
 - Strive to find ways to address all concerns and to incorporate different perspectives.
- Monitors also bound by Committee Policy on Conflict of Interest



Fisheries and Oceans (DFO) Inspection Process

CER Responsibilities

- ✓ reviewing impacts to fish and fish habitat at watercourse crossings along the pipeline route

- ✓ identifying works to DFO that may require authorization under the *Fisheries Act* or permitting under the *Species at Risk Act*

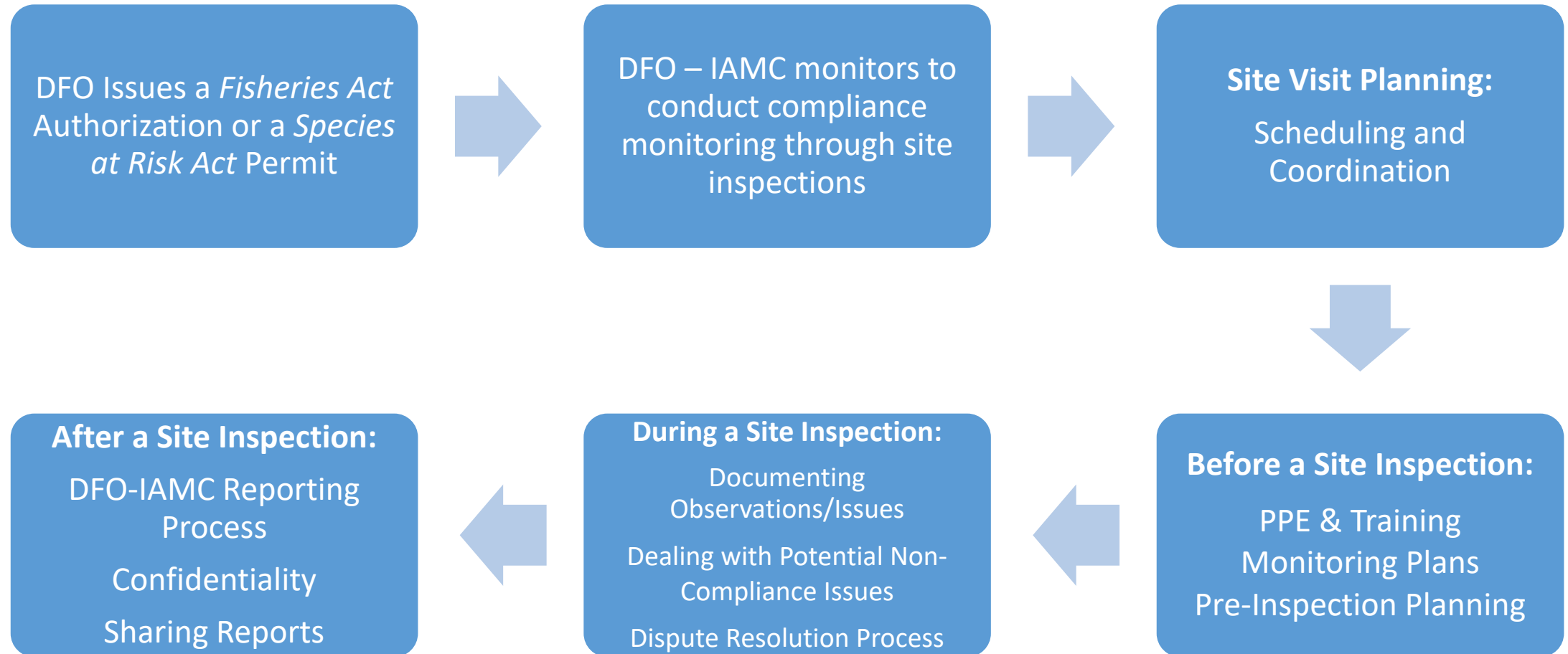
- ✓ monitoring watercourse crossings where DFO authorization or permits have not been issued

DFO Responsibilities

- ✓ issuing authorizations under the *Fisheries Act* or permits under the *Species at Risk Act* and
- ✓ conducting Indigenous consultation and engagement with the IAMC.

- ✓ monitoring watercourse crossings where authorization under the *Fisheries Act* or permitting under the *Species at Risk Act* are required

Fisheries and Oceans (DFO) Inspection Process



DFO-IAMC Inspections at the Westridge Marine Terminal, Burrard Inlet



DFO-IAMC Compliance Inspections at Westridge

- In 2018, five joint site inspections to verify compliance during IAMC Program Pilot.
- Site inspections with IAMC Monitors resumed in October 2019.
- Focus on trust and transparency and a stronger IAMC-DFO working relationship
- Observations and recommendations of IAMC Monitors have led to changes in Trans Mountain's environmental and health and safety procedures (e.g., better positioning of marine mammal observers, consistency in site signage and tag-out/lock-out procedures)
- Future¹³ joint compliance monitoring at pipeline watercourse crossings.

Discussion on IM/Communities/Regulatory Communications

1. What information do you want the IMs to know before they conduct an inspection in your territory? How could the IM get that information from your community?

Discussion on IM/Communities/Regulatory Communications

2. What do you think the key focus of the IMs should be during an inspection?

Discussion on IM/Communities/Regulatory Communications

3. What information do you want to see in the IM reports?

Discussion on IM/Communities/Regulatory Communications

4. How would you like to receive information about the monitoring program? What is the best way for your community to receive that information?

Discussion on IM/Communities/Regulatory Communications

5. Is there an area of Environmental Monitoring that you feel the IM program overlooks?

Questions or comments?





Department of Finance
Canada

Ministère des Finances
Canada



Indigenous Economic Participation in the Trans Mountain Expansion Project

Presentation to the IAMC line-wide meeting
November 14, 2019 Kelowna, BC

Canada 



Overview

- **Review of engagement process**
- **Summary of views**
 - Engagement process
 - Economic participation
- **Advisory Committee**
- **Next steps**
- **Questions?**



Review of engagement process: rationale, principles, and objectives

- **Rationale and principles**

- Indigenous groups could have an opportunity for meaningful economic participation in TMX
- Economic participation could support economic development, advance reconciliation
- The Government invested in Trans Mountain to benefit all Canadians
- TMX will be built and operated on a commercial-basis

- **First step of engagement process sought views on five matters:**

1. Design of engagement process
2. Collaboration with other Indigenous communities
3. Desired support, information, and advice
4. Preferences regarding types of economic participation
5. Implementation of options



Review of engagement process: overview of first step

Exploratory discussions in August and September 2019

- Met with 57 Indigenous communities through 46 meetings and teleconferences
 - In-person meetings in Victoria, Vancouver, Kamloops, and Edmonton
 - Various meetings in-community (e.g., Esk'etemc, Beecher Bay, Coldwater)
- Prepared written summaries jointly with each participating community
- Received input from four other communities via meetings and written submissions
- Offered participant funding for participating communities (capped at \$30k per community)
- Limited input from other entities but did hear from several “aggregators”



Review of engagement process: guiding questions

- What are your views on how the Government should engage potentially impacted Indigenous communities regarding their potential economic participation in TMX?
- Based on information that is currently available, do you see a benefit in participating economically in TMX?
 - If yes, what does “economic participation” mean to you (e.g., equity, revenue sharing)?
 - How such “economic participation” should be structured (e.g., form, timing?)
- Are you interested in collaborating with other communities in subsequent steps of the engagement process?
- In order to participate effectively in subsequent steps of this engagement process, what information, advice (e.g., financial, legal), or support would you need to have?
- What are the process and timelines that you and your leadership will need to follow to make decisions and organize to participate in future steps of this process?
- What would be a good way to continue this discussion at a later date?



Summary of views: process

- **Further engagement, direct point of contact, additional information, and capacity support**
 - Caution on a one-size-fits-all approach
 - Consensus on need for continued financial support for participation, professional services, etc.
- **No consensus on timing or pace**
 - Acceptance that insufficient information about risk, return at present
 - Mix of support for moving quickly and support for moving methodically
 - Support for a pace that reflects readiness of all 129 Indigenous communities
 - Broad view that getting it right is more important than merely getting it done
- **No consensus on collaboration**
 - Broad appreciation for nation-to-nation approach
 - Some recognition that a multilateral approach might be needed, but would require care
 - General skepticism about “aggregators”



Summary of views: economic participation

- **Indigenous motivation**

- Recognition for asserted title claims, thereby establishing precedent for other major projects
- Compensation for risk of potential accidents (including TMX-related marine activity)
- Influence over TMC/TMX, and to obtain additional information about TMC/TMX
- Economic self-sustainability

- **Types of economic participation**

- Revenue...
 - From TMX
 - From Canada either from the proceeds of divesting TMC or from TMX-related profits
 - In the form of an Aboriginal resource tax applicable to TMC/TMX
- Equity in TMC—clarity needed regarding motive (e.g., governance, investment, revenue)
 - Need for loan support (e.g., low interest loans, loan guarantees)
- Employment and procurement opportunities



Advisory Committee

- **Appointed by Minister of Finance on August 9**
 - Members: Linda Coady (Chair), Garry Wouters, Kathryn Teneese
 - Various meetings held between August and October
- **Charged with two tasks:**
 1. Provide advice on next steps of the engagement process (e.g., design, implementation)
 2. Provide advice on Indigenous economic participation in TMX (e.g., form)



Next steps

- Returning government is taking stock of what we heard during the engagement process step 1 and considering next steps



Questions?

Samuel Millar

Director General

Economic Development and Corporate Finance Branch - Finance Canada

samuel.millar@canada.ca



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Terrestrial Cumulative Effects Initiative (TCEI)

ECCC, NRCan, DFO

November 13 - 14, 2019

Kelowna, British Columbia

Canada

Session Outline



1:30 - 2:00	Presentation and Q&A
2:00 - 2:30	Breakout sessions
2:30 - 2:55	Group discussion
2:55 - 3:00	Wrap-up

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Objectives for Today

- Overview of the **Terrestrial Cumulative Effects Initiative (TCEI)**
- Discuss how we might work together to advance TCEI

Context

- Resource development is changing the landscape, and impacting traditional practices
- Over 70 Indigenous groups expressed interest in cumulative effects during Phase III consultations
- A number of accommodation measures are now in place



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What are cumulative effects?

- Many perspectives on defining cumulative effects
- One definition:

“Cumulative effects are changes in the environment caused by multiple interactions among human activities and natural processes that accumulate across space and time”

What is the TCEI?

- Accommodation measure
- A **5-year** initiative
- With **\$65.5M** in funding to support Indigenous communities
- Focused on **freshwater** and **terrestrial** systems
- Will be developed collaboratively with Indigenous groups
- TCEI is separate and distinct from IAMC



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Who can participate in TCEI?

- Open to Indigenous groups identified on the Crown List for Phase III consultations on TMX, that have interests or needs related to terrestrial cumulative effects.
- Indigenous groups can participate, whether or not they support the project.

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How can TCEI help?

- Respond to your needs and interests on cumulative effects
 - Better understand CE impacts
 - Build capacity to participate
 - Inform decision making
- For example: studies, baseline information, training, engaging youth and elders, monitoring programs, state of knowledge report, etc.

What does the TCEI involve?



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TCEI is about **your interests** and **your needs**

- Federal Government is open to different ways of designing and delivering TCEI
- Draw on past efforts and lessons learned to shape TCEI together

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Collaborative Development

Sharing skills
and strengths

Building awareness of Traditional
Knowledge

Applying Traditional
Knowledge

Joint
CE studies

Co-leading working
groups

Creating better ways to
share information

Making decisions together

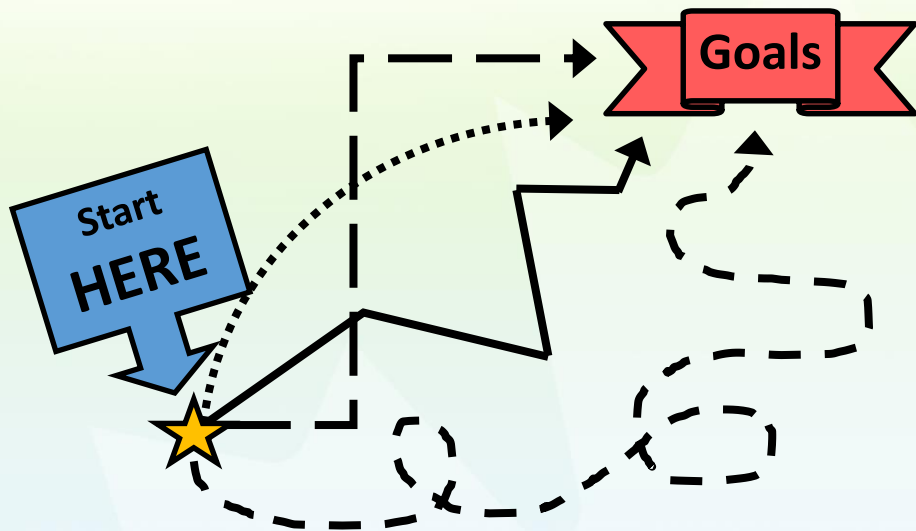
What could
**collaborative
development**
involve?

Identifying priorities
together

Co-facilitating
meetings

Creating knowledge
products together

We want to work with you to...



For example:

Shared Understanding of
Cumulative Effects

Stronger Capacity
in Communities

Inform Decision Making

...create a path to our shared goals!

Working Together

- Tailored to your needs, interests, and type of involvement you want
- An opportunity to strengthen relationships
- Many options and types of engagement



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Proposed Engagement Timeline

Fall / Winter 2019

Identify ways to
engage, potential
interests

Provide initial
capacity funding to
those interested

Winter / Spring 2020

Regional workshops

Bilateral meetings

Summer 2020

Implementation of
collaborative
development
processes

TCEI Funding

- \$65.5M in funding for Indigenous communities
- Up to \$100K/year/community for core capacity-building
- Funding will also be available for studies
- **Core capacity funding is available now and can take many forms**
 - Youth and elder engagement
 - Training and skills development
 - Research and technical support
 - Administrative services
 - Travel
 - Consultants

Funding Details

- Fill out Required Information Form
 - Average process time = 2-3 weeks
- Eligible expenses
- Criteria for funding
- Advance payments available
- Multi-year funding available
- Streamlined where possible

1. Participant Information	
Provide the information of the Participant (Nation, Federation, etc.).	
Name of legal entity applying for funding	
Mailing address	Postal Code
City/Town	Province/Territory
Email	Website address
Telephone Number	Fax Number
2. Contact Person	
Provide the name and information of the contact person in the event there are questions about this proposal.	
Primary Contact	
Name of the contact person	
Mailing address (if different than in Section 2 above)	Postal Code
City/Town	Province/Territory
Email	Website address
Telephone Number	Fax Number

Traditional Knowledge

- Better understand cumulative effects through TK
- Use in decision making
- Protection and ownership



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Technical and Advisory Support

- Federal Government committed to provide expert and advisory support to TCEI on science and technical interests
- Federal Government will provide data and information related to their terrestrial and freshwater scientific expertise

Examples of Federal CE Science

- mapping expertise
 - developing status and trends to inform CE
 - for example: vegetation patterns, wetlands
- forest restoration and reclamation
- caribou research
- climate change research, for example:
 - for example: wildfire research, water quality indicators
- fisheries resources
- etc..



Potential Opportunities

- Collaboratively prepare a State of Knowledge Report that includes western and traditional knowledge
 - Document baseline data
 - Identify information gaps
 - Help determine future priorities
- Work together to find ways to share information
 - Platforms to make data more accessible and available
- Identify gaps in knowledge that TCEI can fill



Studies

- You may want to conduct a study to support your interests or needs
- Studies can be led by Indigenous groups or with support from Canada
- Funding also available for studies

Examples:

- Traditional and cultural knowledge on historic fish populations
- Baseline ecological evaluation
- Assessment of impact on ungulates
- Monitoring changes of land, water, plants and animals
- Climate change sensitivity analysis

Funding for Studies

- Funding available for CE studies
- Aquatic and terrestrial
- Proposals for studies will be informed by collaborative development process

Early Projects

Projects will be funded in the short-term if communities have proposals

Currently reviewing proposals for early CE including:

- Species-based Monitoring Study
- Wildlife Life History Study

Allocating Funds

- Potential allocation of funds over coming years:
 - 2019-20 = \$5.3M
 - 2020-21 = \$11.7M
 - 2021-22 = \$16.7M
 - 2022-23 = \$15.8M
 - 2023-24 = \$15.9M
 - Total \$65.5M

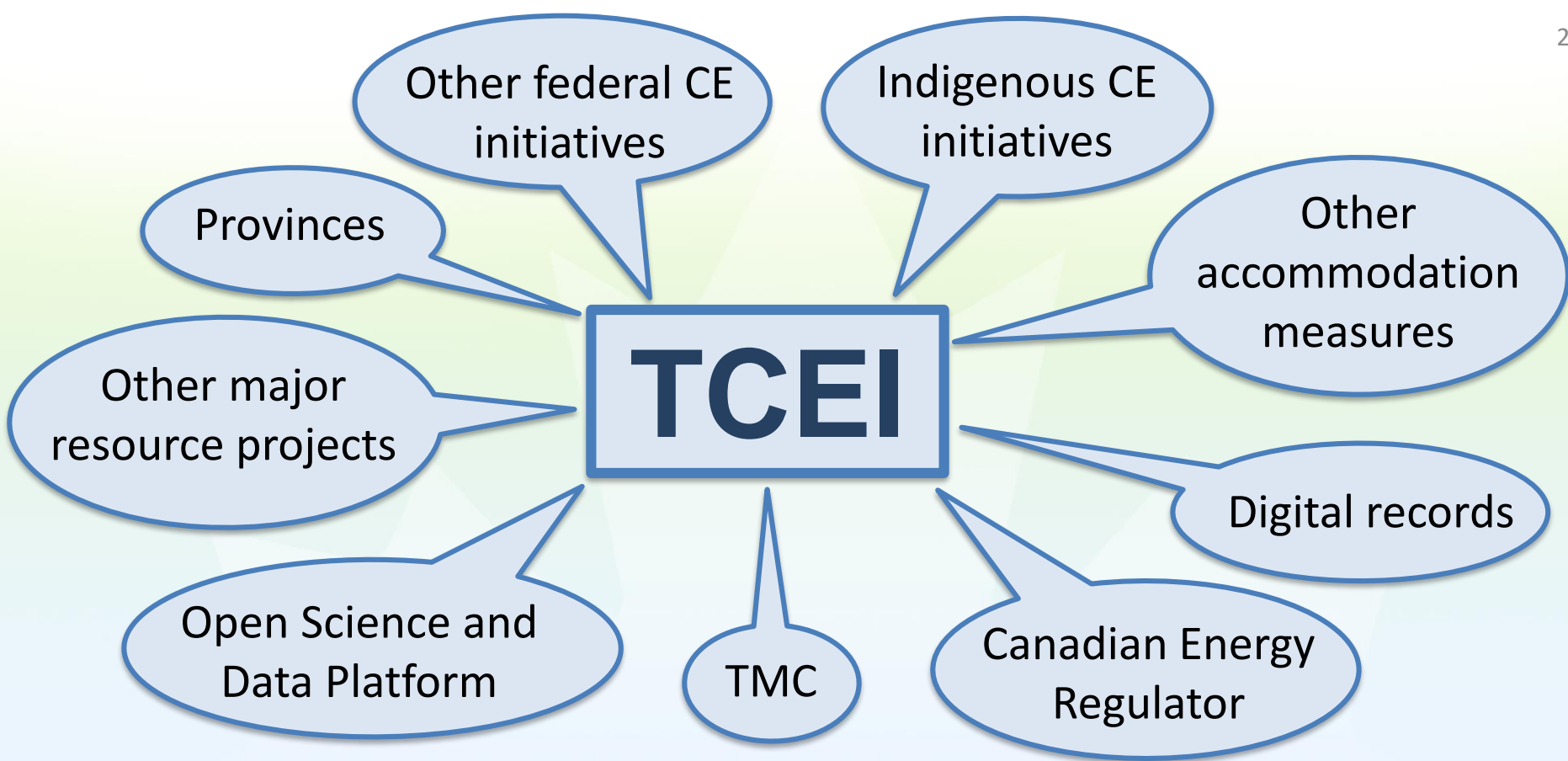
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To summarize....

The TCEI aims to:

- Increase **understanding** of your cumulative effects interests and needs
- Strengthen your **capacity** to advance cumulative effects work
- Improve information and knowledge sharing to **support decision-making** and future analysis

By working with you, we can collaboratively guide the TCEI going forward and inform future cumulative effects work

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Quick Facts

- Funding is available for the next 5 years
- You can access core capacity funding right now
- You have a role in shaping what the TCEI will become
- Many possibilities and opportunities to explore
- Working together we can develop a path forward that helps meet your needs and interests

Let's get started!

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Key Contacts

For questions on TCEI, please reach out to any of the contacts below:

Holly Herald (holly.herald@canada.ca), Environment and Climate Change Canada

Kirsten Querbach (kirsten.querbach@canada.ca), Natural Resources Canada

Brad Fanos (brad.fanos@dfo-mpo.gc.ca), Department of Fisheries and Oceans

Questions?

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