

**Memorandum of Understanding
Coastal First Nations / British Columbia Pathway to Reconciliation:
Long-Term Economic, Social, Governance and Environmental Sustainability**

Between:

**Heiltsuk Nation
Kitsoo Xaixais Nation
Metlakatla First Nation
Nuxalk Nation
Wuikinuxv Nation
Gitga'at Nation
Gitxaala Nation
Haida Nation**

(Each a “**Member Nation**” and collectively the “**Coastal First Nations**” or “**CFN**”)

And:

Her Majesty the Queen in Right of the Province of British Columbia, as represented by the
Minister of Indigenous Relations and Reconciliation
(“**BC**”)

Whereas:

- A. In 2009, BC and several of the Member Nations entered into the 2009 Reconciliation Protocol, which focused on collaborative approaches to land and resource management and implementing economic initiatives to enable the First Nations signatory communities to make progress towards socioeconomic objectives.
- B. CFN and BC acknowledge that the work undertaken through the 2009 Reconciliation Protocol has resulted in effective collaboration and innovative governance solutions supporting natural resource management, conservation agreements and economic development. These partnerships have served to demonstrate the viability of alternative paths to costly and divisive legal battles.
- C. CFN and BC now wish to build upon the foundation of success emerging from the 2009 Reconciliation Protocol through the development of a long-term vision of collaborative governance. This vision is motivated by a shared belief of the importance of arrangements that reflect the right of Indigenous self-determination, supported by fiscal

self-reliance. It is also founded on the reality of a collective global responsibility to protect the natural environment in the face of daunting climate change challenges.

- D. CFN and BC intend that the activities under this MOU will focus on: 1) collaborative regional governance arrangements that will lead to more effective and efficient natural resource management, including an enhanced role for Member Nation stewardship in the region; 2) measures to both strengthen the coastal economy and enable the citizens of Member Nations to take full advantage of the attendant economic and employment opportunities; and 3) measures to decarbonize regional energy systems and prepare coastal communities for climate change impacts.
- E. CFN and BC recognize that realizing a long-term vision will take time. Accordingly, they agree to seek practical incremental steps in support of the broader goals that demonstrate success and strengthen the economic, social and environmental fabric of coastal British Columbia.
- F. Member Nations are engaged in bilateral discussions and have agreements in place with BC and Canada and nothing in this MOU is intended to limit those discussions or agreements. Member Nations also have a proven track record of working in the aggregate and recognize the importance of continued collaboration in the key interests set out in this MOU.
- G. BC has made public *Draft Principles that Guide the Province of British Columbia's Relationship with Indigenous Peoples* and, as set out therein, has agreed to work with Indigenous peoples to jointly design, construct and implement principled, pragmatic and organized approaches. CFN and BC agree that the initiatives proposed in this MOU are consistent with this objective.
- H. BC recently passed the *Declaration of the Rights of Indigenous Peoples Act*. BC and CFN will further explore opportunities to advance reconciliation, including opportunities for shared decision-making, as contemplated by DRIPA.
- I. CFN and BC further understand that reconciliation should contribute to sustainable and self-reliant Indigenous nations within a strong Canada and British Columbia; and
- J. Each Member Nation is a member of the Great Bear Initiative Society, a society incorporated under the laws of British Columbia, ("GBIS") and has authorized the President of GBIS to sign this MOU on its behalf.

Now Therefore, CFN and BC confirm their understandings as follows:

1. Interpretation

- a. In this MOU:

“2009 Reconciliation Protocol” means the Coastal First Nations Reconciliation Protocol dated December 10, 2009, as amended by the Amending Agreement, 2010, the Amending Agreement 2011, the Amending Agreement 2013, the Amending Agreement Spring 2015 and the Amending Agreement Spring 2016;

“2016 EBM Term Sheet” means the Term Sheet for Continued Full Implementation of Ecosystem Based Management in the Central and North Coast, dated for reference 29 January, 2016, between BC and several of the Member Nations;

“EBM” means ecosystem-based management;

“Declaration of the Rights of Indigenous Peoples Act” or **“DRIPA”** means the Declaration of the Rights of Indigenous Peoples Act, SBC 2019, c. 44;

“GF” means the Governance Forum referenced in section 4;

“GFWG” means the Governance Forum Working Group referenced in section 4;

“GBR” means the Great Bear Rainforest;

“MaPP” means the Marine Plan Partnership;

“MOU” means this Memorandum of Understanding including its appendices;

“Parties” means Heiltsuk Nation, Kitasoo Xaixais Nation, Metlakatla First Nation, Nuxalk Nation, Wuikinuxv Nation, Gitga’at Nation, Gitxaala Nation, Haida Nation and BC collectively, and

“Party” means any of the Parties.

b. The following appendices form part of this MOU:

Appendix 1 – Land and Marine Stewardship

Appendix 2 – Carbon Offsets

Appendix 3 – Forest Management and Opportunities

Appendix 4 – Northern BC Shellfish Aquaculture Development Initiative

Appendix 5 - Climate Action

Appendix 6 - Connectivity and Digital Capacity Building

2. Purpose

The purpose of this MOU is to:

- a. Identify the key interests that form the basis of a continuing pathway toward reconciliation;
- b. Signify a shared commitment to work in a collaborative and timely manner on the key interests identified in section 3 and other matters that may be agreed upon from time to time;
- c. Establish a management framework for the contemplated undertakings; and

- d. Set out principles to guide the collective efforts of CFN and BC.

3. Key interests

CFN and BC agree to work together and explore the following key interests with the view of finding mutually agreeable outcomes in the areas of:

- a. Cooperative Land and Marine Stewardship (Appendix 1)
 - Cooperation for land and resource inventories, wildlife stewardship and monitoring, including joint compliance monitoring;
 - New forms of protected or special stewardship area designation and management;
 - Aligning Marine Plan Partnership (MaPP) implementation, Great Bear Rainforest (GBR) initiatives, Conservation Stewardship Forums, Environmental Stewardship Initiatives (ESI) and other stewardship activities with Appendix 1 as appropriate;
 - Harmonizing linkages with Canada on marine and coastal zone management, protection and conservation;
 - Delivery of support and own-source resourcing for development of CFN stewardship and guardian programs; and
 - Exploring application of DRIPA in the context of CFN-BC shared decision making.
- b. Socio-economic initiatives
 - Advancing coastal forest sector revitalization via enhanced CFN access to economic opportunities and participation in the forestry sector (Appendix 3); and
 - Support for expanded shellfish aquaculture development (Appendix 4).
- c. Climate change and conservation initiatives
 - Opportunities for developing and marketing Great Bear Rainforest carbon offsets (Appendix 2); and
 - Climate change planning, adaptation and mitigation (Appendix 5).
- d. Connectivity and digital capacity building (Appendix 6)
 - Connectivity planning specific to the needs of coastal First Nation communities that supports digital infrastructure solutions that enable economic prosperity, stewardship capability, data sovereignty and cultural and human wellbeing goals, while supporting job growth within Member Nation-led initiatives.

CFN and BC agree that the MOU, and the outcomes pursuant to it, will establish the framework for the development of five-year fiscal agreements to provide core support for CFN for reconciliation and implementation.

CFN and BC also agree that fiscal self-sufficiency for CFN is an important goal and that collaborative and prioritized work on forestry, shellfish aquaculture and carbon offsets will be

aimed at achieving this goal. It is also acknowledged that investment decisions related to these initiatives will be based on sound business case analysis.

4. Management Framework/Governance

As soon as practicable after signing this MOU, BC and CFN will establish a Governance Forum (GF) and a Governance Forum Working Group (GFWG) comprised of senior and technical representatives from BC and CFN. Within three months following the signing of this MOU, the GFWG will prepare a management framework and work plans to support the implementation of the MOU including:

- a. Terms of reference describing the governance structure including roles and responsibilities, decision-making, meeting procedures and the establishment of working groups to support the implementation of the MOU;
- b. Detailed workplans for each of the appendices identifying priority actions, milestones, outcomes and monitoring and reporting procedures; and
- c. Resourcing requirements and policy changes needed to implement priority actions including a review of annual core funding.

The management framework and work plans are not intended to displace or eliminate any actions or processes that are currently underway with respect to the implementation of the 2009 Reconciliation Protocol, the 2016 EBM Term Sheet or MaPP implementation agreements. The management framework and work plans will seek to build upon existing processes and initiatives established under the 2009 Reconciliation Protocol or other relevant CFN or CFN Member Nation-BC agreements, including the Governance Forum Working Group, ESI, Guardian Watchmen program and the Marine Planning Partnership.

The Parties acknowledge that none of the workplan items included in the appendices, with the exception of those that have been incorporated in previous legally binding agreements, create binding commitments and that proceeding to implement outcomes from the identified workplan activities may first require approval under the respective decision-making processes of the applicable Parties.

5. Guiding Principles

The development and implementation of the work plan(s) will be guided by the following principles:

- a. Commitment to advancing reconciliation between CFN and BC;
- b. Recognition of the need to build long-term, sustainable and collaborative arrangements;
- c. Willingness to be innovative and progressive;

- d. Focus efforts to achieve early successes;
- e. Develop practical and meaningful outcomes;
- f. Where possible, connect with and build upon existing initiatives in order to enhance efficiency and effectiveness; and
- g. Sustain the wellbeing of the lands and waters in the territories of the Member Nations.

6. Term of Memorandum of Understanding

- a. The Member Nations and BC have each taken all necessary actions and obtained the internal approvals necessary to enter into this MOU and authorize their respective representatives to sign this MOU;
- b. CFN and BC intend to commence work towards the objectives set out in this MOU immediately following its signing;
- c. CFN and BC acknowledge that this MOU may require amendment from time to time and they will each seek any necessary approvals prior to agreeing to such amendments. Any such amendment must be agreed to in writing and signed by duly authorized representatives of CFN and BC;
- d. Any Member Nation may withdraw its participation in this MOU by providing 30 days' notice in writing to:

The Great Bear Initiative Society
Suite 1660 – 409 Granville Street
Vancouver, B.C. V6C 1T2
Attention: President

and to:

The Ministry of Indigenous Relations and Reconciliation
PO Box 9100 Stn Prov Govt
Victoria BC V9W 9B1

Attention: Assistant Deputy Minister, Negotiations and Regional Operations
Division; and


- e. BC may terminate this MOU by providing 30 days' notice in writing to the Coastal First Nations care of the Great Bear Initiative Society at the address in 6 e;

- f. The Coastal First Nations may terminate this MOU by jointly providing 30 days' notice in writing to BC at the address set out in 6 e.

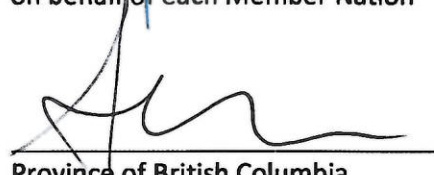
7. Effect of the Memorandum of Understanding

- a. This MOU is not intended to be legally enforceable and does not affect the legal rights or obligations of any Party;
- b. Nothing in this MOU will be interpreted in any way that would affect or unlawfully interfere with the decision-making authority or jurisdiction of any Party or fetter the discretion of any Party;
- c. This MOU does not establish, define, limit, abrogate or derogate any Aboriginal right, including title, of any Member Nation recognized and affirmed by section 35 of the *Constitution Act, 1982*;
- d. The MOU is not a treaty or a land claims agreement within the meaning of section 25 or 35 of the *Constitution Act, 1982*;
- e. The MOU is not intended to limit any bilateral/trilateral discussions or agreements between Member First Nations and the governments of Canada and BC; and
- f. This MOU does not amend or affect the 2009 Reconciliation Protocol. CFN and BC will seek to ensure that there is clarity between any agreements or commitments flowing from this MOU and the 2009 Reconciliation Protocol and subsequent amendments to it.

Signed on behalf of the Parties by their duly authorized signatories on the date noted below:


Coastal First Nations
Marilyn Slett, President of Great Bear Initiative Society
on behalf of each Member Nation

July 29, 2020
Date


Province of British Columbia
Scott Fraser
Minister of Indigenous Relations and Reconciliation

July 29, 2020
Date

Appendix 1 – Land and Marine Stewardship

Goal

The goal is to advance collaborative government-to-government (G2G) arrangements for land and marine stewardship. Work on existing regional commitments and processes will continue and new initiatives will be pursued to further develop G2G cooperation and capacity at the CFN collective and Member Nation levels. These efforts will be coordinated and prioritized to ensure delivery of reportable improvements in stewardship of lands, coastlines and natural resources in the Great Bear Rainforest (GBR).

Path Forward

To achieve progress in relation to CFN and BC land and marine stewardship interests, issues and opportunities, designated senior representatives of the applicable Parties will:

- 1) Continue to advance a collaborative approach for land and resource inventory and research, and monitoring and compliance activities in the GBR, as outlined in the 2016 EBM Implementation Term Sheet, including cooperation on wildlife stewardship and joint compliance monitoring and related training with the CFN Guardian Watchman programs;
- 2) Ensure stewardship activities under this MOU align with and support other resource planning and stewardship initiatives on the coast including the Marine Plan Partnership (MaPP), GBR EBM initiatives, Environmental Stewardship Initiatives (ESI), etc.;
- 3) Maintain and support MaPP implementation, including jointly engaging with Canada to harmonize MaPP implementation with CFN-Canada oceans protection initiatives (e.g., PNCIMA, Marine Protected Area Network, Marine Response and Preparedness);
- 4) Advance work to designate the Sustainable Forest Management Areas (SFMAs) referenced in the GBR EBM Implementation Term Sheet as a new type of protected area or Special Stewardship Area (SSA);
- 5) Develop a shared vision and approach to consolidate and improve planning and management arrangements for protected lands and waters in Haida Gwaii, including undertaking an assessment of the Joint Solutions Table;
- 6) Seek to develop new funding mechanisms that deliver additional resources to the Member Nations to support land and marine stewardship and monitoring activities. Possibilities include: Coast Opportunities Fund enhancement, further development of carbon offset programs, enhanced revenue sharing, etc.; and
- 7) Explore opportunities to enter into joint or consent based decision-making agreements related to lands and resource decisions within the meaning of s. 7 of DRIPA.

Preliminary Workplan

Path	Work Activities	Leads	Support	Timeline
1	CFN and BC representatives engage as needed to: a) Implement 2016 EBM Term Sheet; b) Complete 2021 EBM Review per the approved terms of reference; and c) Implement collaborative inventory, research, wildlife stewardship, compliance monitoring.	CFN: Paul Kariya, Dan Cardinall BC: Jeff Sheldrake, David Ranson	CFN Stewardship Directors Committee FLNORD & Parks region staff	Ongoing
2	CFN and BC representatives meet quarterly to ensure communication and coordination across initiatives.	CFN: Paul Kariya, Dan Cardinall, Steve Diggon BC: Jeff Sheldrake, Charlie Short	CFN Stewardship Directors Committee FLNORD & Parks region staff	Ongoing
3	CFN and BC representatives meet as needed with Canada to harmonize MaPP, Ocean Protection Plan (OPP), and other trilateral marine reconciliation activities.	CFN: Paul Kariya, Steve Diggon BC: Charlie Short		Ongoing
4	CFN and BC representatives continue engaging in accordance with the SFMA/SSA Project Charter.	CFN: Paul Kariya, Dan Cardinall BC: Jeff Sheldrake, David Ranson, Dennis Crockford	Senior reps from Nuxalk, Kitasoo, Heiltsuk. FLNORD, Parks & MIRR region staff	Winter 2021
5	Council of the Haida Nation and BC representatives continue engaging as per direction from the Haida Joint Management Council.			June 30, 2020
6	Seek to develop new funding mechanisms that deliver additional resources to the Member Nations	Priority actions, leads and timelines described in subsequent appendices		
7	CFN and BC representatives engage as needed to: Identify potential areas of shared decision making in relation to which DRIPA could be applied. Reach agreement on 1 or 2 areas and develop a workplan.	CFN: Paul Kariya, Dan Cardinall BC: Stuart Gale, Jeff Sheldrake, David Ranson	CFN Stewardship Directors Committee FLNORD & Parks region staff	June 30, 2020

Intended Outcomes

Successful completion of workplan activities will lead to the following outcomes:

- Improved working relationships between Provincial and Member Nation staff at land and resource planning and management levels increases effectiveness and delivers cost reductions in operational activities, permitting and decision making;
- 2021 GBR EBM review is completed and CFN and BC have reached agreement on land use order amendments and other EBM implementation measures;
- Improved coordination across land and resource programs and initiatives reduces duplication and creates cost efficiencies, and improved program delivery;
- Trilateral arrangements enable CFN, BC and Canada to work collaboratively to implement marine protected areas and an improved marine emergency response regime;
- Cooperative arrangements for land and resource compliance monitoring are in place, with CFN Guardian Watchmen undertaking cooperative compliance monitoring activities with own-source resources;
- New legislation that enables designation of SFMAs by regulation as “special stewardship areas” in which new arrangements, including application of *DRIPA*, supports Member Nations playing a lead role in planning and management with own-source revenues; and
- Carbon credit revenues and other resources for First Nation stewardship programs create long term employment opportunities and support meaningful and cost-effective cooperation on planning, monitoring and decision-making activities.

Resourcing

For the majority of the land and marine stewardship work items, BC staff and resources are already included in Ministry operating plans. Additional staff time may be required to advance discussions related to some items in Path #1, #2, #3 and item #7.

Continued engagement by CFN with BC on land and marine stewardship is contingent on:

1. Renewal of the 5-year MIRR funding commitment associated with CFN and Haida reconciliation protocols; and
2. CFN being able to secure own source revenues from the sale of GBR carbon offsets at a level equivalent to or greater than the revenues secured over the past 5 years.

Appendix 2 – Carbon Offsets

Goal

The goal is to support and advance the GBR carbon offset project such that:

- In the short term, the CFN have sufficient resources to continue to reasonably collaborate and engage with BC to implement various G2G agreements including the 2016 EBM Term Sheet, MaPP, protected area collaborative management, shared decision making, and other initiatives and commitments; and
- Over the medium to longer term, the CFN are able to secure own-source revenues which will be used to support community social and economic development initiatives and facilitate progress toward fiscal self-reliance.

Path Forward

1) Provincial Purchase of GBR Offsets

The Parties agree to negotiate and seek to reach agreement on a new 5-year Communities Offset Purchase Agreement.

2) External Offset Markets

The CFN currently have inventory of 3M tonnes of GBR carbon offsets and this inventory will grow by ~1.2M tonnes over the next 2 years and then by ~1M tonnes per year thereafter. Sale of this inventory would enable the CFN to significantly advance reconciliation and make real progress toward fiscal self-reliance.

However, the CFN are unable to sell offset inventory to buyers in other jurisdictions because these buyers have indicated that they require offsets that are endorsed under the International Carbon Reduction and Offsetting Alliance (ICROA) Code of Best Practice. Endorsement under ICROA's Code of Best Practice provides an additional level of assurance to potential purchasers regarding the quality of offsets on the voluntary market.

The BC offset system is currently not endorsed by ICROA due to international greenhouse gas accounting concerns. However, ICROA published a policy position paper¹ in July of 2019 that suggests that they are considering recognizing that offsets generated in a sub-national jurisdiction that has legislated greenhouse gas reduction targets can be used by voluntary purchasers. The paper recognizes that "the integrity of voluntary action and claims of carbon neutrality can be maintained under the Paris Agreement" because "corporate GHG accounts are not reported and aggregated to a country level and therefore not reported to the UN."

¹

https://www.icroa.org/resources/Documents/ICROA_Voluntary_Action_Post_2020_Position_Paper_July_2019.pdf

The BC government claims BC-based offsets in its accounting for progress towards BC's legislated greenhouse gas emission targets. All GBR projects have been grandfathered under the *Greenhouse Gas Industrial Reporting and Control Act*

Recently, CFN sales opportunities with private sector buyers have collapsed because of expressed concerns that BC is claiming GBR carbon offsets owned by the CFN as contributing to Provincial emissions reduction targets. Private sector buyers using offset endorsed by ICROA or Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA), or offsets certified under Verified Carbon Standard (VCS) and other national or international offset standards and guidelines have been hesitant or unwilling to buy CFN GBR carbon offsets.

To resolve this issue senior CFN and BC representatives will collaborate to expedite bilateral work and discussions with other relevant organizations and parties for the purpose of securing the opportunity for CFN to sell GBR carbon offsets in national and international markets.

3) Domestic Offset Markets

Current provincial climate action policy focuses on emissions reduction, regulation, taxation, and adaptation. Current policy does not allow industrial emitters to meet regulatory requirements with offsets. Voluntary markets, however, remain a potential source for carbon offset projects.

To explore this issue, senior CFN and BC representatives will undertake discussions and engage with other relevant organizations and parties to explore whether such a broader and more comprehensive and provincial/national carbon offset policy is viable to support future offset projects.

Preliminary Workplan

Path	Work Activities	Leads	Support	Timeline
1	CFN and BC representatives engage as needed to negotiate a new 5-year Communities Offset Purchase Agreement with CFN and Nanwakolas.	CFN: Paul Kariya, David Oxley BC: Kevin Jardine, Jeremy Hewitt	Offsetters	June 30, 2020

2	CFN and BC representatives meet as needed to: a) continue exploring and advancing opportunities to expedite CFN's ability to sell in the voluntary market outside BC; and b) to explore the opportunity to sell carbon offsets into the BC and Canadian regulated markets.	CFN: Paul Kariya, David Oxley BC: Kevin Jardine, Jeremy Hewitt	Offsetters	Sept 30, 2020
3	CFN and BC representatives meet as needed with Canada to harmonize MaPP, OPP, and bilateral reconciliation activities.	CFN: Paul Kariya, David Oxley BC: Kevin Jardine, Jeremy Hewitt	Offsetters	Sept 30, 2020

Intended Outcomes

Successful completion of workplan activities will lead to the following outcomes:

- CFN being able to sell their carbon offsets into national and/or international offset markets; and
- Increased carbon offset sales providing the financial resources to support the 140+ employees and contractor in in Member Nations communities working on coastal stewardship and providing invaluable contribution to the collective challenge of managing marine and land resources. Large-scale sales into domestic, national or international offset markets may position Member Nations' and CFN stewardship programs and services as significantly fiscally self-sufficient.

Resourcing

Paths 1-3 will be undertaken by senior executives from BC and CFN. This work will be supported via existing arrangements with Offsetters. If additional support/resources are deemed necessary to achieve intended outcomes, BC and CFN will hold discussions on how any costs associated with them will be covered.

Appendix 3 – Forest Management and Opportunities

Goal

To identify and work to implement measures that increase the economic viability of CFN forest tenure opportunities and enhance the ability of the CFN to participate in and derive benefits from the forestry sector and contribute to coast forest sector revitalization.

Path Forward

BC and CFN will continue exploring new forest management approaches and policies with the goal of formally implementing those that will advance reconciliation and/or demonstrate a sound business case:

- 1) Supporting Member Nation efforts to work with Licensees and BCTS to develop and implement a new, more cooperative approach to tenure operations charting and harvest management in the GBR that seeks to:
 - a) Ensure harvest levels in TSA/TFL management units and each Member Nation territory are sustainable over time, guided by analysis of timber supply at both the TSA/TFL and Member Nation territory levels; and
 - b) Provide for the Member Nations to develop their tenure opportunities in their territories on a priority basis while simultaneously providing other Licensees with access to fair and representative harvest opportunities in the broader GBR North.
- 2) Continuing to examine current GBR North and Haida Gwaii log export OICs in the context of changing domestic and external log and forest products markets, with the goal of identifying potential export policy changes or other measures which better support progress on CFN and Provincial coastal forestry revitalization goals.
- 3) Engaging in discussions to explore new revenue generation/sharing arrangements to support CFN Member Nations' desire to increase investment in and ownership of local forestry business opportunities and acquire more replaceable tenure.
- 4) Working with industry to update GBR-oriented forest sector employment opportunities and capacity needs assessments and develop a First Nation-focused forest sector training program.

Preliminary Workplan

Path	Work Activities	Leads	Support	Timeline
1	CFN and BC representatives engage collaboratively and with industry as needed to carry out the activities identified in the: <ul style="list-style-type: none"> GBR North Re-chart Terms or Reference GBR North Forestry MOU 	CFN: Paul Kariya, Dan Cardinall BC: Jeff Sheldrake, Gary Gwilt	CFN Senior Forest Company Reps FLNORD regional staff. Gowlland Technologies	Implementation agreement by Early 2021
2	CFN and BC representatives engage collaboratively to carry out the activities identified in the terms of reference for the GBR North and Haida Gwaii Log Export OIC Review	CFN: Garry Wouters, Dan Cardinall, BC: Jim Schafthuizen, Jennifer Burleigh	CFN Stewardship CFN Forest Company Executives Trade & Export Policy Branch staff. FP Innovations or another economic consultant	September 30, 2020 (TBC in work plan)
3	CFN and BC representatives engage as needed to: <ol style="list-style-type: none"> Identify potential areas of revenue generation and revenue sharing Reach agreement on 1 or 2 areas to be explored and develop a workplan. 	CFN: Paul Kariya, Dan Cardinall BC: Stuart Gale	FP Innovations or another economic consultant	Analysis complete by Dec 31, 2020 G2G2B agreement by Dec 31, 2021
4	Under the auspices of the GBR North Forestry MOU, CFN and BC representatives engage with industry as needed to complete a needs assessment and develop training and jobs program.	CFN: Dan Cardinall BC: Jim Schafthuizen, Jeff Sheldrake, and AVED rep TBA Industry: WFP, IFP and BCTS reps.	CFN Forest Company Executives	Strategy being implemented by April 1, 2021.

Intended Outcomes

Successful completion of workplan activities will lead to the following outcomes:

- Enhanced cooperation at planning and operating levels among CFN forest companies and other Licensees in the GBR;
- Streamlined forestry permitting, new B2B relationships, operating cost reductions, improved investment returns, increased local employment, etc.;
- Increased revenue that enables new CFN and industry investment in locally owned and operated forestry service, log handling, milling and value-added manufacturing businesses;

- More people from CFN Member Nation communities participating in forest sector employment; and
- Over time, CFN willing buyer-willing seller acquisition of additional renewable forest tenures.

Resourcing

For the many of the forestry related work items outlined in this appendix, provincial staffing and resourcing is already integrated in FLNRORD operating plans. However, FLNRORD may need to dedicate additional staff time and make economic data available to support progress on items 2, 3 and 4.

CFN engagement on the items outlined in this appendix will be covered by:

1. Funding of \$45,000 (advanced in Q4 of FY19/20) to CFN previously agreed to by FLNRORD to enable acquisition of facilitation and coordination support for re-chart discussions and related timber supply analyses;
2. CFN contributing own-source revenue of \$100,000 toward undertaking of independent timber supply and economic analyses, using Gowlland Technologies, FP Innovations and other experienced industry consulting services; and
3. CFN-GBI and CFN forest companies contributing in-kind resources to the work in the form of senior executives and professionals from their organizations.

Industry is committed to contribute in-kind resources and to date has contributed \$20,000 to support completion of economic opportunity scoping analysis (completed by Paul Knowles, former director of FLNRORD export policy branch).

Appendix 4 - Northern BC Shellfish Aquaculture Development Initiative

Purpose

To review the shellfish aquaculture industry in the Central/North Coast and produce a strategic plan that will assist CFN and BC to identify the requirements and seek to reach agreement on a policy, planning and investment approach to develop a major viable industry in the region.

Path Forward

The Parties will undertake the following steps:

- 1) CFN will complete a strategic industry assessment and development plan with the following elements:
 - a) Review shellfish aquaculture R&D work completed by CFN and others from 2000 to the present for key target species including scallops, oysters, mussels and clams;
 - b) Review the case study of the Coastal Shellfish Corporation including the technical and regulatory barriers encountered;
 - c) Complete an overview assessment of the south coast shellfish aquaculture industry with a focus on identifying major technical and regulatory barriers;
 - d) Identify infrastructure strengths and weaknesses in the region including existing hatcheries, processing facilities, transportation, critical service and support centres;
 - e) Identify the status of and opportunities for new species (geoduck, sea cucumber, abalone, urchin);
 - f) Update the market potential of the key target and new species;
 - g) Assess business viability including investment requirements at farm, hatchery and processing for each target species and any viable new and emerging species;
 - h) Scope the employment and revenue opportunities for each species for farm, hatchery and processing facility; and
 - i) Identify training needs and availability of training from educational institutions in BC.
- 2) Upon completion of the strategic development plan, CFN and BC will explore and seek to reach agreement on opportunities and measures that will support expansion of existing shellfish operations and establishment of new shellfish businesses in CFN communities. Canada may be engaged in the discussions as the Parties agree appropriate.

Preliminary Workplan

Path	Work Activities	Leads	Support	Timeline
1	CFN will complete a strategic industry assessment and development plan as per path #1	CFN: Paul Kariya, Larry Greba BC: David Travia	Ministry of Jobs, Trade and Technology (JTT)	June, 2020
2	CFN and BC representatives meet as needed to identify and seek to reach agreement on an industry investment and development plan.	CFN: Paul Kariya, Larry Greba BC: David Travia	JTT	Dec 30, 2020

Intended Outcomes

Successful completion of workplan activities will lead to the following outcomes:

- Completion of a strategic assessment and development plan that will inform discussions and planning related to potential expansion of the current CFN shellfish aquaculture initiative;
- Development of a bilateral (or trilateral with Canada) shellfish aquaculture industry development and investment plan with CFN, BC and Canada contributing policy, planning and resourcing support to advance the industry in the Central/North Coast; and
- Expansion of CFN's current shellfish aquaculture initiative to become a major engine of culturally compatible community economic development and employment (i.e., local, marine-oriented employment, business ownership and revenue generation) including growth of existing collective and community-owned shellfish aquaculture businesses and establishment of new shellfish aquaculture businesses in CFN communities.

Resourcing

BC and CFN will develop and seek respective approvals to enter into a contribution agreement under which BC will provide CFN with \$150,000 to complete the industry assessment and development plan.

CFN and BC will contribute in-kind resources in the form of senior staff time to explore and seek to reach agreement on a regional industry investment and development plan.

Subject to determining that there is a sound business case for shellfish aquaculture industry, CFN resources would be available to participate in a cost sharing arrangement for its establishment.

Appendix 5 - Climate Action

Goal

The goal is to rapidly decarbonize energy systems and create thriving, resilient communities that support Member Nation communities' cultural way of life. This goal will be met through the development and implementation of a 10-year plan to reduce greenhouse gas emissions and advance resilience and adaptation measures for Member Nation communities in sync with the Province's CleanBC² climate action plan and the federal government's greenhouse gas reduction goals.

The 10-year plan will identify specific decarbonization and adaptation actions for Member Nation communities along with a proposed funding model to support the achievement of climate action outcomes. Additionally, the plan will support the utilization of new clean energy technologies and the development of a green economy providing sustainable income and employment opportunities.

Path Forward

CFN will support community-led rapid de-carbonization of community energy systems and build local resilience to climate change. The climate action work will be guided by the principles of urgency, local leadership, the creation of prosperity and shared commitment to reconciliation.

Member Nation communities have identified recent drought and heat events as stressors to current hydroelectric energy systems, potable water supply and forest management. Member Nations wish to more fully understand how climate change will challenge these and other local systems.

De-carbonization

- 1) Complete community energy plans to understand current fossil fuel use, opportunities to reduce energy consumption and clean energy alternatives.
- 2) Develop community specific work plans to reduce energy use, and fuel switch to clean energy sources for power and heat.
- 3) Retrofit / replace houses and heating systems to dramatically improve energy efficiency.
- 4) Retrofit / replace community buildings and heating systems to dramatically improve energy efficiency.
- 5) Explore building and community scale renewable energy projects.

² CleanBC has a number of initiatives including the Remote Community Energy Strategy that could be leveraged to address:

- retrofit/replace houses and heating systems to dramatically improve energy efficiency;
- retrofit/replace community buildings and heating systems to dramatically improve energy efficiency;
- explore building and community scale renewable energy projects.

Resilience and Adaptation

- 1) Community work in the first year will focus on research and education including:
 - a) complete a climate projection report to understand changes to temperature, precipitation, stream flow, and ocean conditions;
 - b) complete a pilot project to test a GBR specific approach to climate risk assessment and action planning; and
 - c) replicate and scale this approach to complete climate adaptation action development and implementation in each community.
- 2) Develop a climate impact projections report.
- 3) Engage communities in risk assessments and action planning to identify priority projects.
- 4) Implement resilience projects (improve infrastructure, enhance local emergency response systems, take measures to protect human health and economy).

Preliminary Workplan

Path	Work Activities	Leads	Support	Timeline
Mitigation Workplan				
1	Member Nations and CFN will work with CFN and the Province to develop preliminary workplans to reduce energy use, fuel switch to clean energy sources for power and heat and generate renewable energy for community use.	CFN: Paul Kariya, Gillian Aubie Vines BC: Sean LeRoy, Nat Gosman		June 30, 2020
2	Member Nations, CFN, and BC representatives will meet as needed to support the delivery of each community workplan.	CFN: Paul Kariya, Gillian Aubie Vines BC: Sean LeRoy, Nat Gosman	BC Hydro, Canada (NRCan, Infrastructure Canada, ISC)	Ongoing
Adaptation Workplan				
1	CFN and BC representatives will work to develop a climate impact projections report for the CFN and Member Nation regions.	CFN: Paul Kariya, Gillian Aubie Vines BC: Climate Action Secretariat	Pacific Climate Impacts Consortium	Sept 30, 2020
2	CFN and BC representatives will work with one CFN community to complete a pilot project to test a GBI specific approach to climate risk assessment and action planning.	CFN: Paul Kariya, Gillian Aubie Vines BC: Climate Action Secretariat		March 31, 2021
3	CFN and BC representatives will work to replicate and scale this approach to complete climate adaptation action development and implementation in each community.	CFN: Paul Kariya, Gillian Aubie Vines BC: Climate Action Secretariat		March 31, 2022

Intended Outcomes

Successful completion of workplan activities will lead to the following outcomes:

- A work plan to replace fossil fuels with renewables by 2030, or sooner where Member Nation demand for energy is reduced through efficiency measures, and fossil-based fuels for heat and power are replaced by clean renewables;
- A funding model to support implementation of community work plans;
- A climate resilience strategy that shifts the paradigm from emergency response to developing projections on climate impacts on the coast and shared understandings of risks, opportunities and mitigation strategies; and
- An emerging green economy providing sustainable economic benefits and employment based on leading edge climate solutions for remote Member Nation communities

Resourcing

BC and CFN will align workplan priorities with CleanBC program initiatives and the Provincial Climate Adaptation Strategy.

CFN and BC will contribute in-kind resources in the form of senior staff time to explore and seek opportunities

Appendix 6 - Connectivity and Digital Capacity Building

Goal

The goal is to work with First Nations communities in the advancement of their digital readiness and capacity through connectivity planning. In collaboration with Member Nations, and service providers, connectivity plans will be developed that reflect economic prosperity, stewardship, data sovereignty and cultural and human wellbeing goals, while supporting job growth within Member Nation-led initiatives such as Guardian Watchmen, emergency response and preparedness, and data collection and analysis.

Path Forward

Member Nations will continue to work with the Province on connectivity planning to determine last mile technologies and cellular solutions that can meet coastal needs. As such, CFN and the Ministry of Jobs, Economic Development and Competitiveness will formalize a collaborative arrangement and approach to accelerating regional and community digital readiness in preparation of the Connected Coast project to support greater community benefits being realized.

To achieve progress in relation to Provincial and CFN connectivity interests and alignment with digital priorities, the Parties will:

- 1) Work collaboratively in the development of connectivity plans that meet the needs of CFN Member Nation communities and enhance CFN programs for informed decision-making. Key programs include: Guardian Watchmen Program, Coastal Stewardship Network, and the Regional Monitoring System.
- 2) Support ongoing knowledge sharing including:
 - a) sharing knowledge and expertise from service providers that may lead to Nation-led partnerships with Ocean Networks Canada, First Nations Technology Council, First Nations Education Steering Committee, First Nations Health Authority (FNHA), Natural Resources Canada, Innovate BC, academia, and foundations to further advance communities' digital interests.
- 3) Support the development of connectivity requirements related to CFN's interests in developing a First Nations information system that is capable of monitoring an array of critical data and information such as weather, shipping movements, marine mammal movements, commercial and domestic fishing vessel movements including:
 - a) exploration of the IBM Watson Artificial Intelligence solution along with other solutions to advance the data management and analysis capacity.
- 4) Work collaboratively to expand services such as health and education to digitally enabled communities benefiting from the Connected Coast Project including:
 - a) expansion of educational platforms such as the Cisco and Taking it Global Connected North program to each Coastal First Nation community (currently operating in Skidegate on Haida Gwaii); and

- b) enhanced data sharing with the FNHA to match improved digitally enabled health services with current and future available connectivity.

Preliminary Work Plan

Path	Work Activities	Leads	Support	Timeline
1	CFN will complete a strategic industry assessment and development plan.	CFN: Gary Wilson, Paul Kariya BC: Colleen McCormick, Susan Stanford	Industry Consultant and or Academic Institutions/ Mitacs Stewardship Director(s) Community Champions/Leads	Sept 30, 2020
2	Establishment of Ad hoc Working Group/Committee	CFN: Gary Wilson, Paul Kariya BC: Colleen McCormick, Susan Stanford	Stewardship Director(s): Ross Wilson; CFN Board Member: Duffy Edgars; Community Champion(s)/Lead(s)	Completed – ToR in place (February 2020)
3	CFN and BC representatives meet regularly (monthly/bi-monthly) to identify and seek to reach agreement on an industry investment and development plan.	CFN: Gary Wilson, Paul Kariya; BC: Colleen McCormick, Susan Stanford		June 30, 2020
4	7 Generation Partnership Gathering: Review and consider EOI letters from Industry partners, exploring options to advance opportunities and respond accordingly; Consider whether or not to support annual gathering to advance current and future opportunities;	CFN: Gary Wilson BC: Colleen McCormick	CFN Sr. Mgt: Paul Kariya BC: Susan Stanford Stewardship Directors	Ongoing
5	Community Engagement with CFN member communities using tools provided by Connected Communities BC	CFN: Gary Wilson, Guujaaw; BC: Colleen McCormick;	Community Champion(s)/Lead(s); Stewardship Directors; Connected Communities BC	Ongoing

Intended Outcomes

Successful completion of workplan activities will lead to the following outcomes:

- Completion of a strategic assessment and development plan that can inform discussions and planning related to a potential regional telecommunications initiative.
- Development of a CFN:GBI telecommunications enterprise model and investment plan in which CFN, BC and Canada contribute planning and resourcing support to advance the enterprise in the Central/North Coast and Haida Gwaii.
- CFN's regional telecommunications initiative becomes a major engine of Nation-led, culturally aligned community economic development opportunities and employment (local work, business ownership and revenue generation) via development of telecommunications, ISP, and to provide support and enhancement of the stewardship, economic, health, social and education programs and services within the CFN communities.

Resourcing

The Province's Connecting BC Program and various Federal Government funding streams are available to secure resources in support of connectivity planning and infrastructure investments.

CFN is working with Evergreen Canada to access capital resources in support of the completion of an industry assessment and development plan.

The Connected Communities Program within the Ministry of Jobs, Economic Development and Competitiveness is providing telecom consulting services to support CFN in advancing their regional telecommunications interests (consultant supports the Joint Connectivity Working Group).