

CORPORATE ISSUE/OPPORTUNITY NOTE

Issue:

- FLNR's role in reducing greenhouse gas-emissions and adapting to a changing climate

Background:

- Climate change is irreversible. Most aspects of climate change will persist for centuries even if emissions of greenhouse gases are greatly reduced.
- Reducing greenhouse gas emissions and preparing for the unavoidable effects of climate change are both necessary.
- Adaptation:
 - B.C. has completed a Preliminary Strategic Climate Risk Assessment evaluating 15 climate related risks to the province. A severe wildfire season and a seasonal water shortage are the two highest-ranked risks facing the province overall. Additional risks most likely to impact FLNR include long-term water shortages, reduction in ecosystem connectivity, loss of forest resources, increase in invasive species, nuisance flooding, severe riverine flooding, and extreme precipitation and landslides.
 - Investing in resilience makes economic sense. Analysis suggests benefit-cost ratios of 38:1 to 9:1.
- Mitigation
 - Our global strategy of reducing fossil fuel emissions will not be sufficient to reach our mitigation targets. Using nature to remove and sequester carbon dioxide from the atmosphere is essential.
 - Forests can be enhanced as "carbon sinks" through actions such as planting more trees and fertilizing stands, reducing slash-pile burning, minimizing losses from fires, restoring forests that have been affected by natural disturbances and increasing forests' resilience to fire and pests.
 - Forest products also sequester carbon and can substitute for other materials that generate more emissions during their production and are an important part of the solution.
 - Conserving old growth forests as carbon banks is a strategy within a portfolio of forest-based climate change mitigation options. Not all conservation projects optimize potential carbon benefits. Choosing conservation or managed forest harvesting requires economic and job impacts to be considered along with the benefits for carbon or conservation.
- FLNR has a long history of working successfully with provincial, federal and Indigenous partners to reduce climate change impacts to British Columbia's natural resources and leverage the opportunities in forests and the forest sector to reduce greenhouse gas emissions.

Issue/Opportunity:

- The CleanBC plan commitments to a climate preparedness strategy in 2020. The Ministry of Environment and Climate Change Strategy (ENV) is the lead ministry. FLNR supports this work through the Climate Change and Integrated Planning Branch, in the Office of the Chief Forester.
- The ministry has a Climate Change Strategy for 2015-2020, a Forest Carbon Strategy for

2016-2020 and Climate Action Plans for major program areas developed between 2013-2018. Updating these documents for 2020-2025 reflects that preparing for a changing climate is a ministry priority and complements ENVs efforts to develop a government wide strategy.

- The federal throne speech re-affirmed the Government of Canada's intention to plant 2 billion trees. B.C. can leverage our successful government reforestation program which contributed to a record of over 300M trees planted in 2020. The Office of the Chief Forester is the point of contact with the federal government and is leading a provincial team that includes Agriculture, ENV and Municipal Affairs and Housing.
- The Ministry of Environment and Climate Change Canada (ECCC) is leading initiatives focused on conservation, biodiversity preservation and climate change resiliency that have implications for Crown land management in B.C. and for the forest sector. FLNR engages with ECCC on these items, notably the Clean Fuel Standard Land Use and Biodiversity criteria, which has implications for efforts to reduce emissions from slash-pile burning.
- ENV is revising the B.C. Greenhouse Gas Offset Protocol: Forest Carbon (FCOPv2.0), to enable forest carbon offset projects under the *Greenhouse Gas Industrial Reporting and Control Act*. FLNR staff and legal counsel have identified important policy considerations related to the development of forest carbon offset projects on Crown land that require further analysis before government releases an FCOPv2.0 for public consultation.
- There is an ongoing opportunity for Sustainable Forest Management to support solutions for climate and the economy. We are working to ensure that B.C. practices reduce emissions, sequester more carbon and reduce risks to ensure a steady flow of forest based products that provide more economic and climate value than they did in the past.

FW: ACTION: DUE today - s.12; s.13

From: Diane.Nicholls@gov.bc.ca
To: Begon, Stacey FLNR:EX <Stacey.Begon@gov.bc.ca>
Sent: December 14, 2020 9:51:54 AM PST

Please send these in

Diane Nicholls, RPF

Assistant Deputy Minister, Chief Forester
BC Provincial Government
"Caring for BC's Forests"

From: Sandland, James FLNR:EX <James.Sandland@gov.bc.ca>
Sent: December 14, 2020 8:39 AM
To: Nicholls, Diane R FLNR:EX <Diane.Nicholls@gov.bc.ca>
Cc: Pike, Shannon FLNR:EX <Shannon.Pike@gov.bc.ca>; Begon, Stacey FLNR:EX <Stacey.Begon@gov.bc.ca>
Subject: RE: ACTION: DUE today -s.12; s.13
Importance: High

s.12; s.13

Couple suggestions.

JS

From: Nicholls, Diane R FLNR:EX <Diane.Nicholls@gov.bc.ca>
Sent: Monday, December 14, 2020 8:24 AM
To: FLNR Office of the Chief Forester Executive <OCHFOREX@Victoria1.gov.bc.ca>
Subject: FW: ACTION: DUE today -s.12; s.13
Importance: High

Any discrepancies we need to alter?

Diane Nicholls, RPF

Assistant Deputy Minister, Chief Forester
BC Provincial Government
"Caring for BC's Forests"

From: Begon, Stacey FLNR:EX <Stacey.Begon@gov.bc.ca>
Sent: December 11, 2020 12:53 PM
To: Berg, Shane FLNR:EX <Shane.Berg@gov.bc.ca>; Hughes, Kate FLNR:EX <Kate.Hughes@gov.bc.ca>; MacDougall, Julie FLNR:EX <Julie.MacDougall@gov.bc.ca>; Martin, Pat J FLNR:EX <Pat.Martin@gov.bc.ca>; Messenger, Meggin A FLNR:EX <Meggin.Messenger@gov.bc.ca>; Nicholls, Diane R FLNR:EX <Diane.Nicholls@gov.bc.ca>; Nussbaum, Albert F FLNR:EX <Albert.Nussbaum@gov.bc.ca>; Sandland, James FLNR:EX <James.Sandland@gov.bc.ca>; Sit, Vera FLNR:EX <Vera.Sit@gov.bc.ca>; White, Thomas FLNR:EX <Thomas.White@gov.bc.ca>
Subject: ACTION: DUE today -s.12; s.13
Importance: High

See the request below -

Attached is an example that the DMO shared related to some items COAST identified. Diane asked me to send it out to you to see if there are any items you are aware of.

Diane needs to provide the info to DMO by 10:00 am Monday so if you have anything she will need to know about it today - bullets to Diane.

From: Nicholls, Diane R FLNR:EX <Diane.Nicholls@gov.bc.ca>
Sent: December 11, 2020 12:44 PM
To: Begon, Stacey FLNR:EX <Stacey.Begon@gov.bc.ca>
Subject: FW: Flag on Coastal Strategy
Importance: High

Fyi

Can you send out to OCFLT to see if anyone has items ^{s.12; s.13} that need refinement/fixing please?

Diane Nicholls, RPF
Assistant Deputy Minister, Chief Forester
BC Provincial Government
"Caring for BC's Forests"

-----Original Message-----

From: Wood, Andrea D FLNR:EX <Andrea.Wood@gov.bc.ca>
Sent: December 11, 2020 11:41 AM
To: FLNR Executive <EXECUTIVE3@Victoria1.gov.bc.ca>
Cc: FLNR Executive Support <EXCOORD@Victoria1.gov.bc.ca>; FLNR Executive Administration Assistants <EXADASST@Victoria1.gov.bc.ca>
Subject: ACTION: DUE Monday Dec 14th information to ^{s.12; s.13}
Importance: High

Hi, there may be an opportunity to ^{s.12; s.13} Tim isn't available until later this afternoon so I have not been able to confirm what MO is thinking but as per John's request can you please identify to me by Monday morning 10am with any input you have on what could be put forward.

Please send everything you can think of even if you have already discussed with John or Rick - we don't want to miss anything so if I get duplicates I'm happy to sort through that.

Bullet form is fine, I will reach out if I need clarification.

Thank you,
Andrea

-----Original Message-----

From: Allan, John FLNR:EX <John.Allan@gov.bc.ca>
Sent: December 11, 2020 9:19 AM
To: Wood, Andrea D FLNR:EX <Andrea.Wood@gov.bc.ca>
Subject: ^{s.12; s.13}

^{s.12; s.13}

FW: List of Initiatives updated

From: Diane.Nicholls@gov.bc.ca
To: Sanderson, Melissa FLNR:EX <Melissa.Sanderson@gov.bc.ca>, Walker, Mark CSNR:EX <Mark.Walker@gov.bc.ca>, Sit, Vera FLNR:EX <Vera.Sit@gov.bc.ca>, Dohan, Trish CSNR:EX <Trish.Dohan@gov.bc.ca>
Sent: December 17, 2020 12:21:41 PM PST
fyi

Diane Nicholls, RPF

Assistant Deputy Minister, Chief Forester
BC Provincial Government
"Caring for BC's Forests"

From: Messenger, Meggin A FLNR:EX <Meggin.Messenger@gov.bc.ca>
Sent: December 17, 2020 9:16 AM
To: White, Thomas FLNR:EX <Thomas.White@gov.bc.ca>
Cc: Nicholls, Diane R FLNR:EX <Diane.Nicholls@gov.bc.ca>
Subject: FW: List of Initiatives updated

Hello Thomas,

For your action.

Thanks
Meggin

From: Cross, Elaine ENV:EX <Elaine.Cross@gov.bc.ca>
Sent: December 16, 2020 3:50 PM
To: EMPR EDWGCBC <EDWGCBC@Victoria1.gov.bc.ca>
Subject: List of Initiatives updated

Dear EDs,

We now have more information on the Treasury Board process for a possible CleanBC omnibus submission.

- December (timing TBD) – ministries receive invitation to submit submissions (Finance Minister has confirmed it will be by invitation only)
- Jan 6/ Jan. 25 – deadline for Minister-signed capital and operating TB subs, respectively
- April 20 – Budget is tabled

The [list of initiatives](#) has been updated per your feedback.

Please continue to populate this list (especially capital and operating asks) as this will help us in drafting the front end of the sub. We are expecting that ministries will hold the pen on drafting their individual submissions which will then form the appendices of the sub, and will also help us in drafting the front end of the main sub. We would therefore ask that we be kept in the loop with drafts to enable us to do the front end and ensure internal consistency for the sub.

Neil will call a meeting of EDs with items on the list to discuss further for early January.

Until then, happy holidays!

Elaine

Elaine Cross

a/Director, Policy Integration and Engagement
Climate Partnerships and Engagement | Climate Action Secretariat
Ministry of Environment & Climate Change Strategy
Tel: 250-893-0582 | Email: elaine.cross@gov.bc.ca

I respectfully acknowledge the Lekwungen People, known today as the Esquimalt and Songhees Nations, on whose territories I am grateful to live.

FW: For Action: Letter to federal ministers re. partnership on climate adaptation

From: Diane.Nicholls@gov.bc.ca
To: McKenzie, Leith FLNR:EX <Leith.McKenzie@gov.bc.ca>, Hughes, Kate FLNR:EX <Kate.Hughes@gov.bc.ca>
Sent: February 17, 2021 11:17:26 AM PST
Attachments: 20201126 - CPAS Federal Funding - Action Plan PPT (draft4).pptx, Draft_Letter_Adaptation_MGH_MJW_Draft 7.docx

Please review and comment to ensure that FLNR is part of this and clearly stated given this is being sent to Minister o'Reagan as well as wilkinson

Diane Nicholls, RPF

Assistant Deputy Minister, Chief Forester
BC Provincial Government
"Caring for BC's Forests"

From: Messenger, Meggin A FLNR:EX <Meggin.Messenger@gov.bc.ca>
Sent: February 17, 2021 10:38 AM
To: Nicholls, Diane R FLNR:EX <Diane.Nicholls@gov.bc.ca>
Subject: FW: For Action: Letter to federal ministers re. partnership on climate adaptation

fyi

From: Neale, Tina ENV:EX <Tina.Neale@gov.bc.ca>
Sent: February 16, 2021 5:22 PM
To: Back, Theodore ENV:EX <Theodore.Back@gov.bc.ca>; Ray, Rachelle TAC:EX <Rachelle.Ray@gov.bc.ca>; Forge, Kathryn EMBC:EX <Kathryn.Forge@gov.bc.ca>; Brooks, Jessica MAH:EX <Jessica.Brooks@gov.bc.ca>; Filmer, Cam A IRR:EX <Cam.Filmer@gov.bc.ca>; Messenger, Meggin A FLNR:EX <Meggin.Messenger@gov.bc.ca>; Csicsai, Peter IRR:EX <Peter.Csicsai@gov.bc.ca>; Riddell, Archie ENV:EX <Archie.Riddell@gov.bc.ca>; Olthuis, Katie ENV:EX <Katie.Olthuis@gov.bc.ca>; Borowko, Whitney SDPR:EX <Whitney.Borowko@gov.bc.ca>; Canitz, Shelley L AGRI:EX <Shelley.Canitz@gov.bc.ca>; Fraser, Brian CSNR:EX <Brian.Fraser@gov.bc.ca>; Meier, Ian R FLNR:EX <Ian.Meier@gov.bc.ca>; Portal, Vincent TAC:EX <Vincent.Portal@gov.bc.ca>; Sterloff, Trish HLTH:EX <Trish.Sterloff@gov.bc.ca>; John, Rebecca FIN:EX <Rebecca.John@gov.bc.ca>; Danks, Anthony ENV:EX <Anthony.Danks@gov.bc.ca>; Rainforth, Kelly A AGRI:EX <Kelly.Rainforth@gov.bc.ca>; Little, Andrew TAC:EX <Andrew.Little@gov.bc.ca>; Bedford, Brian MAH:EX <Brian.Bedford@gov.bc.ca>; Marr, David TRAN:EX <David.Marr@gov.bc.ca>; Hughes, Kate FLNR:EX <Kate.Hughes@gov.bc.ca>; Plante, Laura FLNR:EX <Laura.Plante@gov.bc.ca>; Sigurdson, Judi IGRS:EX <Judi.Sigurdson@gov.bc.ca>
Cc: Knox, Graham G AGRI:EX <Graham.Knox@gov.bc.ca>; Mattock, Amber TAC:EX <Amber.Mattock@gov.bc.ca>; Cross, Elaine ENV:EX <Elaine.Cross@gov.bc.ca>; Murata, Brian FIN:EX <Brian.Murata@gov.bc.ca>; Loski, Carol FLNR:EX <Carol.Loski@gov.bc.ca>; Copage, Caitlin ENV:EX <Caitlin.Copage@gov.bc.ca>; Paquin, Lisa C ENV:EX <Lisa.Paquin@gov.bc.ca>
Subject: For Action: Letter to federal ministers re. partnership on climate adaptation

Good afternoon, ED Steering Committee and IGR colleagues,

The Climate Action Secretariat has drafted the attached letter for Minister Heyman to send to his federal colleagues to open discussions on a provincial-federal partnership on climate adaptation. The letter is addressed to the federal ministers who are responsible for delivering the National Adaptation Strategy, as per the January 21, 2021 federal supplemental mandate letters (Jonathan Wilkinson, Seamus O'Regan, Bill Blair, Catherine McKenna). We have identified three areas for discussion:

1. developing a bilateral funding partnership between the Government of Canada and the Government of B.C. to support B.C.'s climate adaptation initiatives;
2. placing reconciliation and Indigenous-led development of priorities and programming at the centre of the approach; and
3. identifying areas where additional integration and coordination between our governments will bolster our resilience across B.C. communities, sectors, and ecosystems.

We are keenly interested in ensuring this letter and the ensuing discussions are coordinated with our ministry partners and, where there are opportunities, reinforce messaging across F/P touch points. We welcome your input and feedback on the letter including any additional content on F/P program coordination and integration that would benefit climate adaptation. As we did with CleanBC, our goal is to present a strong federal/provincial partnership on climate adaptation when the Climate Preparedness and Adaptation Strategy is released next year.

Our request:

- **Please share this letter with the appropriate IGR contacts in your ministry** to ensure they are aware of this initiative and can provide input and advice regarding coordination. Note that I have included IGR contacts where I had them – thanks to those who provided that information.
- Review the letter and **respond with your input/feedback by EOD Feb. 22nd**.

Thank you very much for your continued collaboration! Please reach out if you have any questions. I would be happy to schedule a follow-up conversation.

Tina

Tina Neale

Director, Climate Risk Management

Climate Action Secretariat

Ministry of Environment and Climate Change Strategy

Phone: 778-698-7315

I respectfully acknowledge the Lekwungen People, known today as the Esquimalt and Songhees Nations, and all the Indigenous Peoples of British Columbia, on whose territories I am grateful to work, live and grow.