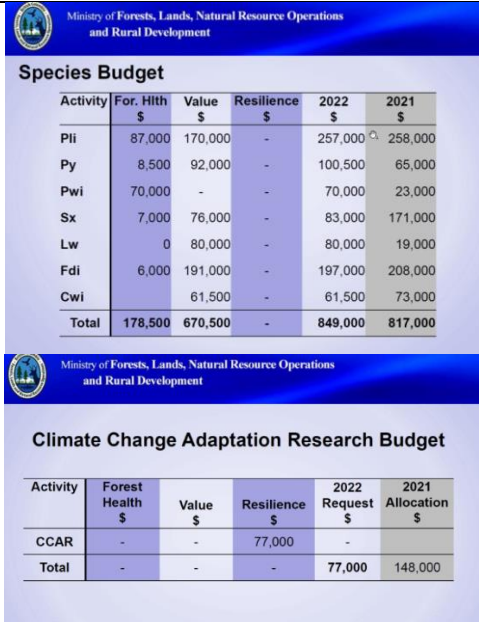



## ITAC Business Meeting Minutes – January 20, 2022

Agenda Item	Minutes	Action Item
<b>Attendees</b>	- Kat Spencer, Amanda Kuhn, Kate Hengel, Dave Kolotelo, Amy Vallarino, Alan Rasmussen, Stephen Joyce, Marie Vance, Lance Loggin, Kevin Astridge, Dan Livingston, Rob Cochrane, Trevor Doerksen, Tia Wagner, Dan Gaudet, Hilary Graham, Brian Barber, Pat Martin, Scott King, Todd Schmidt, Greg O'Neill, Nick Ukrainetz, Neil Spendiff	
<b>Guests</b>	- Kat Gunion, Sebastian Jimenez	
<b>Regrets</b>	- Richard Reich	
<b>Recap of yesterday, agenda for today</b>  <b>Kat called meeting into order @ 8:31</b>	- Great line up of speakers, kudos to Kat and others for organizing - 140 registrants - Feedback on platform (GoTo Webinar) - Not as interactive, could not see nor chat with other attendees	
<b>Seed Planning Tool Update</b>  <b>8:28 – 9:15</b>	- New platform – Tableau. Seed Planning and Orchard Dashboards - Seed Production forecasts for all orchards updated based on estimates confirmed at TAC meetings. - Species plans – Orchard Planning tool, seed production and demand is split by BECvar groups. - Goal to complete in time with CBST transition ending August 1, 2022. - Will feed CBST Transition Matrix and policy implementation. - <i>Comment: Excellent tool. Consider costs, who pays, and requirements for maintaining dashboard and how does it link to other platforms and data.</i>	- Brian/Kat G to share link to Dashboard to TAC members for review and comment ASAP.  - Future iterations and forecasting <ul style="list-style-type: none"> <li>o A) Revisit once CCISS tool is available</li> <li>o B) Recent wildfires not included</li> <li>o C) FFT and 2BT programs</li> </ul>
<b>Membership</b> <b>9:15 – 9:30</b>	- Membership changes: - Lance replaced by Rob Cochrane (Quesnel West Fraser division) - Amanda Kuhn to replace Neil Spendiff (CANFOR in Chetwynd – silviculture) - Alan recommended including rep from govt planting programs (e.g. FFT/FCI) Kat to Talk to Neil Hughes) - <b>Motion to accept 2020 meeting minutes: Todd Seconded: Hilary</b> - <b>Motion to accept 2021 meeting minutes: Scott Seconded: Dave</b> - Action items from previous minutes (2021) all completed.	- Action items from previous minutes (2021) all completed  - Brian to post approved minutes on FGC's ITAC webpage.
<b>Review new orchard and production curve process</b> <b>9:30 – 9:40</b>	- Successful rollout of new orchard allocation process (417 and 418) comandra, process should work for future new orchard opportunity extensions. - Species production curves for all interior orchards completed in summer 2021. - Extension meeting January 19 <sup>th</sup> , 2022 completed. - FGC field tour October 2021 success – all 3 NBV orchards visited, plus field tours of commercial thinning and stock type planting trials. - TSC currently replacing freezers.	- Include time in 2023 business agenda for TSC update

<p><b>FIRM Tree Breeding and Resilience Program Budgets Motion to support</b></p> <p><b>8:40 - 9:55</b></p>	 <p><b>Species Budget</b></p> <table border="1"> <thead> <tr> <th>Activity</th> <th>For. Hlth \$</th> <th>Value \$</th> <th>Resilience \$</th> <th>2022 \$</th> <th>2021 \$</th> </tr> </thead> <tbody> <tr> <td>Pli</td> <td>87,000</td> <td>170,000</td> <td>-</td> <td>257,000</td> <td>258,000</td> </tr> <tr> <td>Py</td> <td>8,500</td> <td>92,000</td> <td>-</td> <td>100,500</td> <td>65,000</td> </tr> <tr> <td>Pwi</td> <td>70,000</td> <td>-</td> <td>-</td> <td>70,000</td> <td>23,000</td> </tr> <tr> <td>Sx</td> <td>7,000</td> <td>76,000</td> <td>-</td> <td>83,000</td> <td>171,000</td> </tr> <tr> <td>Lw</td> <td>0</td> <td>80,000</td> <td>-</td> <td>80,000</td> <td>19,000</td> </tr> <tr> <td>Fdi</td> <td>6,000</td> <td>191,000</td> <td>-</td> <td>197,000</td> <td>208,000</td> </tr> <tr> <td>Cwi</td> <td>-</td> <td>61,500</td> <td>-</td> <td>61,500</td> <td>73,000</td> </tr> <tr> <td><b>Total</b></td> <td><b>178,500</b></td> <td><b>670,500</b></td> <td><b>-</b></td> <td><b>849,000</b></td> <td><b>817,000</b></td> </tr> </tbody> </table> <p><b>Climate Change Adaptation Research Budget</b></p> <table border="1"> <thead> <tr> <th>Activity</th> <th>Forest Health \$</th> <th>Value \$</th> <th>Resilience \$</th> <th>2022 Request \$</th> <th>2021 Allocation \$</th> </tr> </thead> <tbody> <tr> <td>CCAR</td> <td>-</td> <td>-</td> <td>77,000</td> <td>-</td> <td>-</td> </tr> <tr> <td><b>Total</b></td> <td><b>-</b></td> <td><b>-</b></td> <td><b>-</b></td> <td><b>77,000</b></td> <td><b>148,000</b></td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>- Current budget reflects ITAC's support for new species programs for Py and Cwi (from 2018 to now) and increased expenses for existing programs.</li> <li>- Request at Extension meeting for consideration be given to Aspen breeding program. Need more information to determine economics and biology, including seed collections and processing. TSC unable to process aspen lot collected in 2021- requires more advanced notice.</li> <li>- Forest Health budget included in budget for each species - for Sebastian's projects. <b>Motion to adopt budget as presented:</b> Todd <b>Seconded:</b> Dave</li> </ul>	Activity	For. Hlth \$	Value \$	Resilience \$	2022 \$	2021 \$	Pli	87,000	170,000	-	257,000	258,000	Py	8,500	92,000	-	100,500	65,000	Pwi	70,000	-	-	70,000	23,000	Sx	7,000	76,000	-	83,000	171,000	Lw	0	80,000	-	80,000	19,000	Fdi	6,000	191,000	-	197,000	208,000	Cwi	-	61,500	-	61,500	73,000	<b>Total</b>	<b>178,500</b>	<b>670,500</b>	<b>-</b>	<b>849,000</b>	<b>817,000</b>	Activity	Forest Health \$	Value \$	Resilience \$	2022 Request \$	2021 Allocation \$	CCAR	-	-	77,000	-	-	<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>77,000</b>	<b>148,000</b>	<ul style="list-style-type: none"> <li>- Include minor species for line items in future presentations. e.g. Birch.</li> </ul>
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<p><b>FGC Strategic Plan and Select Seed Updates</b></p> <p><b>9:55 - 10:30</b></p>	 <p>Barber ITAC Jan 22 2021.pdf</p> <ul style="list-style-type: none"> <li>- FGC Membership reviewed –large tenures seed user rep vacant, Select Seed – Sally John replaced Henry Benskin on the Board.</li> <li>- Select Seed reviewing contractual agreements with its partners and identifying needs and opportunities for any extensions.</li> <li>- Review of FGC Strategic Plan 2015-2020 &amp; 2021-2025:             <ul style="list-style-type: none"> <li>o Target for Class A seed not met (75% by 2020) but target for average genetic gain of select seed used (20% by 2020) was met.</li> <li>o We are at 25% for pest resistance seed target – goal was 50% of select seed used by 2035. Focus now on directing this seed to highest and moderate hazard sites.</li> <li>o B+ included in “select seed use” but not in genetic gain calculations.</li> <li>o Public explanation required for why select seed use target was only 75% of total – not 100%. e.g. it's not economic for all species and areas to have breeding programs and orchards.</li> <li>o Also, how does natural regeneration influence genetic diversity of BC's forests (reference to J Woods report). Last 2-3 years highest records of sowing. More A class is being used. However, total sowing also increased (300M) so 75% target not met.</li> <li>o Measure in new FGC strategic plan is cubic metres of wood available for harvest (e.g. select seedlings planted x avg genetic gain).</li> </ul> </li> </ul>																																																																									

	<ul style="list-style-type: none"> <li>○ Stephen recommended planning 20% orchard oversupply due to future uncertainty.</li> </ul>	
<p><b>Safety Round Table</b> <b>10:30 – 10:36</b></p>	<ul style="list-style-type: none"> <li>- Orchards:               <ul style="list-style-type: none"> <li>○ New and young worker training</li> <li>○ Ag safe and other organizations are super helpful – don't reinvent the wheel and use these collaborations</li> <li>○ Fire protection and fire mitigation</li> </ul> </li> <li>- Genetics:               <ul style="list-style-type: none"> <li>○ COVID is not over – staffing and safety issue with back-up plans.</li> </ul> </li> <li>- Tree Seed Centre:               <ul style="list-style-type: none"> <li>○ Fire marshal treating like sawmill for combustible dust, safety has become a bigger cost over time and has to be done.</li> </ul> </li> </ul>	
<p><b>New Business</b> <b>10:37 - 10:53</b></p>	<ul style="list-style-type: none"> <li>- Displaying the new breeding zones BECvar Groupings:               <ul style="list-style-type: none"> <li>○ Kevin and Sabina plus ForSite are 100% matching</li> <li>○ Stephen suggesting 80/20 rule. EX: Follow Nick's Pli groupings, where breeding and test environment analogous with deployment environment.</li> <li>○ We can arrange our existing orchards for display and analysis when orchards fit like areas, no adjustment to CBST or SPAR. This will help us highlight missing zones Ex: wet belt NE.</li> </ul> </li> <li>- Species planning committee – get group back together again or use ITAC as a whole</li> <li>- Stephen retires end of Jan. 2022. He was thanked for his leadership and contributions. Kat is now A/Manager, Seed Production, FIRM.</li> <li>- Stephen recommended new seed planning unit (SPU) codes               <ul style="list-style-type: none"> <li>○ Old GBST SPUs have 2 letter codes (overlap zones 3)</li> <li>○ new BECvar planning units could have a3 letter code. Ex Pli:</li> <li>○ BV – Nechako Bulkley Valley = NBV (or Nick's BV 😊)</li> <li>○ CP – Williston Central Plateau = WCP</li> <li>○ TO – South Interior High = SIH (or Stephen's IH 😊)</li> </ul> </li> <li>- The TSC invites comments on seedlot priority processing with is currently based on SPU – this mainly impacts FDI and PLI.</li> </ul>	<ul style="list-style-type: none"> <li>- Add into next year's meeting to orchard updates</li> <li>- Hold separate seed orchard meeting before field season – review 2021. Combine with Geoff's forest health day – include TSC communication with orchards and genetics (e.g. implications for Breed Orchards.)</li> <li>- <i>Stephen Joyce to continue as active ITAC member.</i></li> </ul>
<p><b>Wrap-up and Adjourn</b></p>	<ul style="list-style-type: none"> <li>- <b>Motion to adjourn:</b> Hilary <b>Seconded:</b> Tia</li> </ul>	

Approved Jan 11, 2023