Learning Objectives (DRAFT)

June 22, 2023

Pre-Trip Reading	Content
✓ ✓ ✓	1. Finnish history, development of forestry a. What where some more recent challenges and do they relate to our current state in any way? What can we learn from their history? b. Structure of the forest sector – Is it all private? What are the metrics on the size of forest estates? c. Are there potential pitfalls folks from Finland could advise BC to avoid?
✓	2. Clearly understand Finnish Stand Management Regimes a. Harvest Stats – total thinnings vs clear felling, continuous cover forest management, other. Also a breakdown products – sawlog, pulp, bio log, veneer… b. Metrics that drive treatment decisions – 1. Stocking standard regimes? 2. Site quality 3. Planting – single or multiple spp (mixed or stratified?), deciduous management? 4. Pre-commercial Thinning - stand diameter, stand value, revenue distribution (cash flow), financial incentives? 5. Commercial Thinning 6. Continuous cover forestry (shelterwood management) vs clear felling
✓	c. Modeling metrics – Hannu Salminen (LUKE) CT Calculation Model – it would be good to walk through this with the group and even better if we had the model outcomes that we could relate to some field sites. d. Decisions driven by piece size instead of CAI? e. Economic analysis considerations – NPV calculations in the Finnish regimes f. What discount rates are being used, and if higher than BC standard 2%, then why? g. Total yield vs total value considerations – which has the greater influence and why
✓ ✓ ✓	3. State of biodiversity values a. How Finnish Forest Management affects biodiversity b. Changing practices to protect biodiversity, water, wildlife habitat
✓	4. State of Forest Resilience a. Forest Health and Wildfire Stats – areas impacted by each and volume losses etc (Nil?)
✓ ✓ ✓ ✓	5. Effects of climate change on Finnish Forests a. Anything on adaptation of forest management or practices? b. Carbon management story – where are they relative to net 0? c. How Forest Management affects the carbon balance

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✓ ✓ ✓	6. Forest management planning a. Who makes forest management plans b. How are values determined? Role of First Nations c. How do management plans link to harvest planning
✓	7. Inventory Data and Technology a. Inventory quality and attributes b. Technological innovation from inventory data c. Other Finland tech that supports operational excellence across multiple forestry phases from planning through forest operations d. Productivity data for various harvest regimes
✓	8. Forest Products Manufacturing Sector a. How much export or import of logs occurs? b. Modernization and capitalization in the sector – is investment healthy across both greenfield and brownfield projects c. What is the relationship structure between manufacturers and suppliers? – numerous short and long term procurement agreements? d. Is timber auctioned competitively? e. How do manufacturers ensure a consistent supply across market cycles?
✓	9. Finland Forest Strategy a. How does this influence all of the above in the country? b. What can we learn in terms of the value of having a forest strategy?
	10. Lastly, perhaps a summary of key challenges going forward and how they plan to address them?