

Site Restoration and Reforestation

What's the Big Picture ?



Options and Opportunities for CFAs



Wildfires and Mountain Pine Beetle

How much is out there
and what can we
realistically Treat ?



The Provincial Context

Impacted forest potentially requiring treatment

Impacted Forest	Gross Area	Potentially Treatable Area
Mountain Pine Beetle >70% pine and >70% dead	270,000	135,000
Previous wildfire inside THLB all age classes	180,000	90,000
2017 Wildfire		
Government Responsibility 0-20	47,340	30,000
20-40	177,711	70,000
Age Class > 3	332,631	70,000
Licensee Obligation Sec.108	148,854	80,000
Provincial Total	1,156,536	471,319

What FFT has Accomplished so far



FFT Rehabilitated Forest Comprised
Roughly:

- 30% wildfires
- 40% MPB low value BCTS
- 20% District led site clearing and
planting

Provincial Silviculture Program

FFT and FESBC

- Understanding these will help us achieve success:
 - Where are the fire killed stands and dead pine?
 - Where is it merchantable, economic and feasible to harvest?
 - Where are the dead stands we will not be harvesting?
 - What does this look like? Is it wildlife habitat?
 - How well does it serve non-timber objectives now and in the future?

Legend

Age Class

- Less than 11 years
- Less than 31 years
- Less than 81 years
- Greater than 80 years

2002

2015

But what is the reality out there?
This ?



Or this ?



Or This ?



What do Restoration Opportunities look like?

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1. **Wildfire Rehab and restoration** >170,000 ha
2. **MPB salvage and Replanting** > 250,000 ha
3. **Fertilization** 30-40,000ha per year
4. **Spacing** +/- 1,000ha per year

How does FFT and FCI work?

- Annual Operating Plan developed Sept - December
- Approximately \$1-2M per year for CFAs
- Process managed through the Association and PwC
- Focus right now on MPB rehab and wildfire restoration but spacing and fertilizing still important

BCCFAs Annual Plan 2018-19

Community Forest	Cost
DCC - Eniyud Community Forest K3Z	\$509,843
DCC - Esketemc First Nation (Alkali Lake) K1C	\$346,739
DCC - Likely-Xats'ull Community Forest Ltd. (Likely) K1L	\$2,500
DCC - Williams Lake Community Forest	\$10,227
DCM - Terrace Community Forest Limited Partnership (Terrace) K1X	\$292,391
DND - Chinook Community Forest	\$108,261
DTR - Logan Lake Community Forest Corp. (Logan Lake) K2E	\$27,275
RPB - British Columbia Community Forest Association (BCCFA)	\$237,011
DMH - Clinton and District Community Forest of BC Limited	\$20,455
DTR - Wells Gray Community Forest Corporation	\$167,547
DSE - West Boundary Community Forest Agreement	\$22,159
Grand Total	\$1,744,407

CFA Activity 2018/19

Activity	
	Total Project value
CR Mountain Pine Beetle (MPB) Survey	\$110,500
CR Wildfire Survey	\$219,750
CR Site Preparation Survey	\$15,665
CR Overstory Removal	\$167,700
CR Site Preparation	\$79,381
TSM Spacing	\$650,000
TSM Surveys	\$75,800
CR External Delivery Agent Sowing	\$244,954
GA Program Support Supplement	\$9,282
GA Calculated Program Support	\$156,375
	\$1,729,407

Questions ?

