

**NAKUSP AND AREA  
COMMUNITY FOREST**

# 2019 YEAR IN REVIEW

**QUICK FACTS ABOUT YOUR COMMUNITY FOREST:**

<b>AAC</b>	<b>20,000</b> m <sup>3</sup>	Annual Allowable Cut
<b>GROSS AREA</b>	<b>9,192</b> ha	Community Forest Agreement (CFA) total land base
<b>WORKING FOREST</b>	<b>6,367</b> ha	Timber Harvest Land Base (Forsite, 2018)

**ESTABLISHED IN 2007  
AND 100% OWNED BY:**



THE VILLAGE OF  
**NAKUSP**



# 2019 HIGHLIGHTS

## 2019 OPERATIONS

### HECTARES LOGGED

33 ha.

### TOTAL VOLUME LOGGED

17,830 m<sup>3</sup>

### TRUCKLOADS

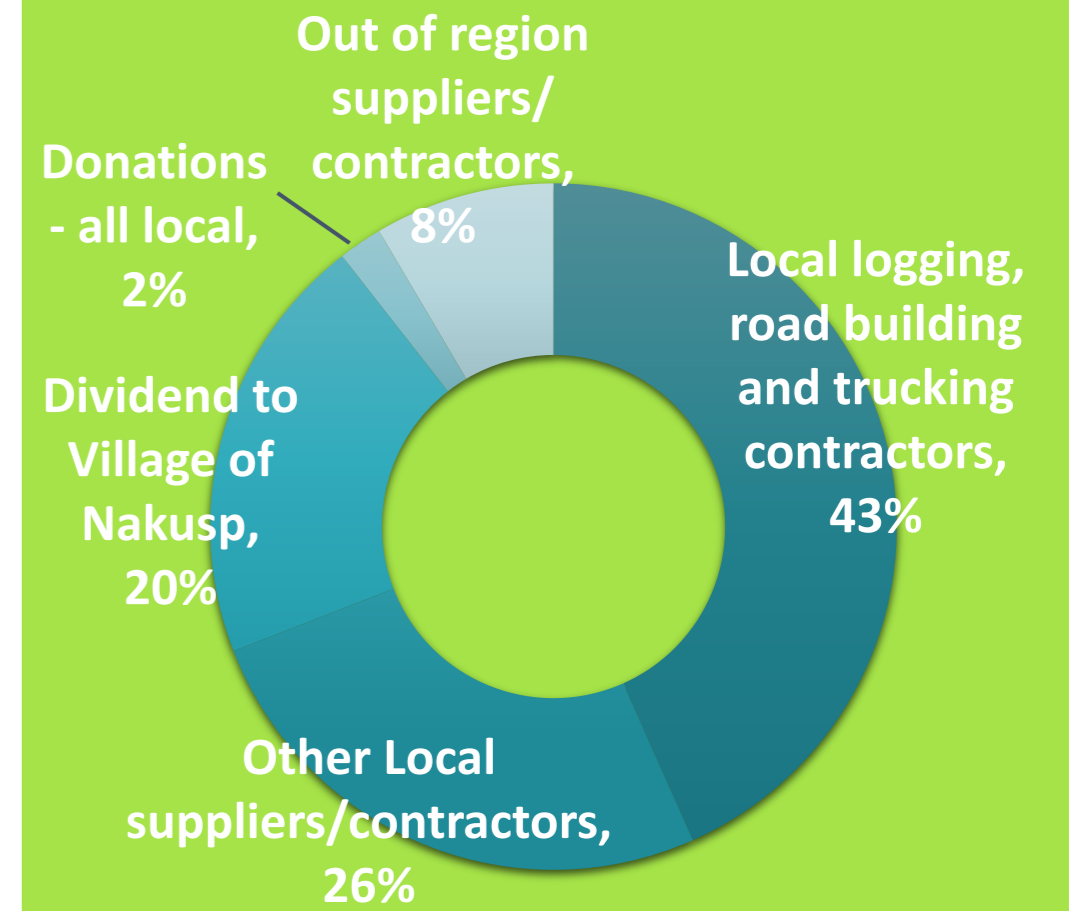
396 logging truckloads

### LOCAL JOBS

2261 person days



## EXPENDITURE: 92% stays local



## TOTAL VALUE OF LOG SALES in 2019

**\$1,549,503**

## TOTAL EXPENDITURES in 2019

**\$1,583,926**

## 2019 DIVIDEND TO VILLAGE OF NAKUSP – NACFOR LEGACY FUND

**\$465,000**

## DONATIONS TO ORGANIZATIONS in 2019

**\$47,506**

## IN THE COMMUNITY: RECREATION

### TRAILS

**7** km

Maintenance on the 7 km of trails that we've built in three locations

### PICNIC AREAS

**2**

Built and installed picnic tables and benches at Arrow Park Trail and Galena Bay Trail

### INVESTMENTS

**\$19,995**

Plus \$7,000 from CBT trails grant

## IN THE COMMUNITY: EDUCATION

Investment of \$7,150 and 130 hours

### TREEPLANTING

**75** students

Field day with Grade 7 NES & Quebec Exchange students

### NATIONAL FOREST WEEK

**65** students

Hike with NES students at Arrow Park Trail

### GIS DAY

**35** students

Mapping activities with NES students



# MANAGING OUR BUSINESS

## GOVERNANCE

The **Village of Nakusp** is the sole shareholder of NACFOR

**NACFOR** is governed by a volunteer **Board of Directors**

-representing the public, stakeholders and local government

**Managed under CONTRACT** by True North Forestry Consulting - contract is competitively tendered every five years

**No direct staff** - All operations are done on a contract basis



2019 was a building year for the **NACFOR Board of Directors**

**3** new Directors joined the Board

In November 2019 Kathy Smith retired from the Board of Directors – Kathy was a founding member of NACFOR and dedicated many years to building the community forest

Photo: Board members (L to R) Kathy Smith, Randy McKenzie, Melissa Rode, John Cann, Aidan McLaren-Caux

## NACFOR Storage Yard SHELTER



A community project showcasing local workmanship, community partnerships and connections

**\$42,128**

NACFOR's mission is to provide **SOCIAL, ENVIRONMENTAL** and **ECONOMIC** benefits to Nakusp and area by sustainable management of the community forest land base. The company's goals focus on building an entity that can continue to strengthen its economic position while building social licence.

## BUSINESS ACTIVITIES AND STRATEGIC PROJECTS

### FINANCIAL MANAGEMENT

Annual budget, monthly financial reports, annual FINANCIAL audit

### DATA MANAGEMENT

Maintain secure **data management systems** for NACFOR operations

### LAND BASE INITIATIVE

Secure sustainable **NACFOR land base** to continue providing local benefits into the future

## COMMUNICATIONS

*NACFOR provides information on operations and activities to the public*

### ONLINE

Initiated a review of the **NACFOR website** in 2019 – updates to be completed in 2020

### PUBLIC RELATIONS

**Annual Open House** and **Year in Review** presentation  
**Notices** to community posted to **website, facebook** and **local newspapers**

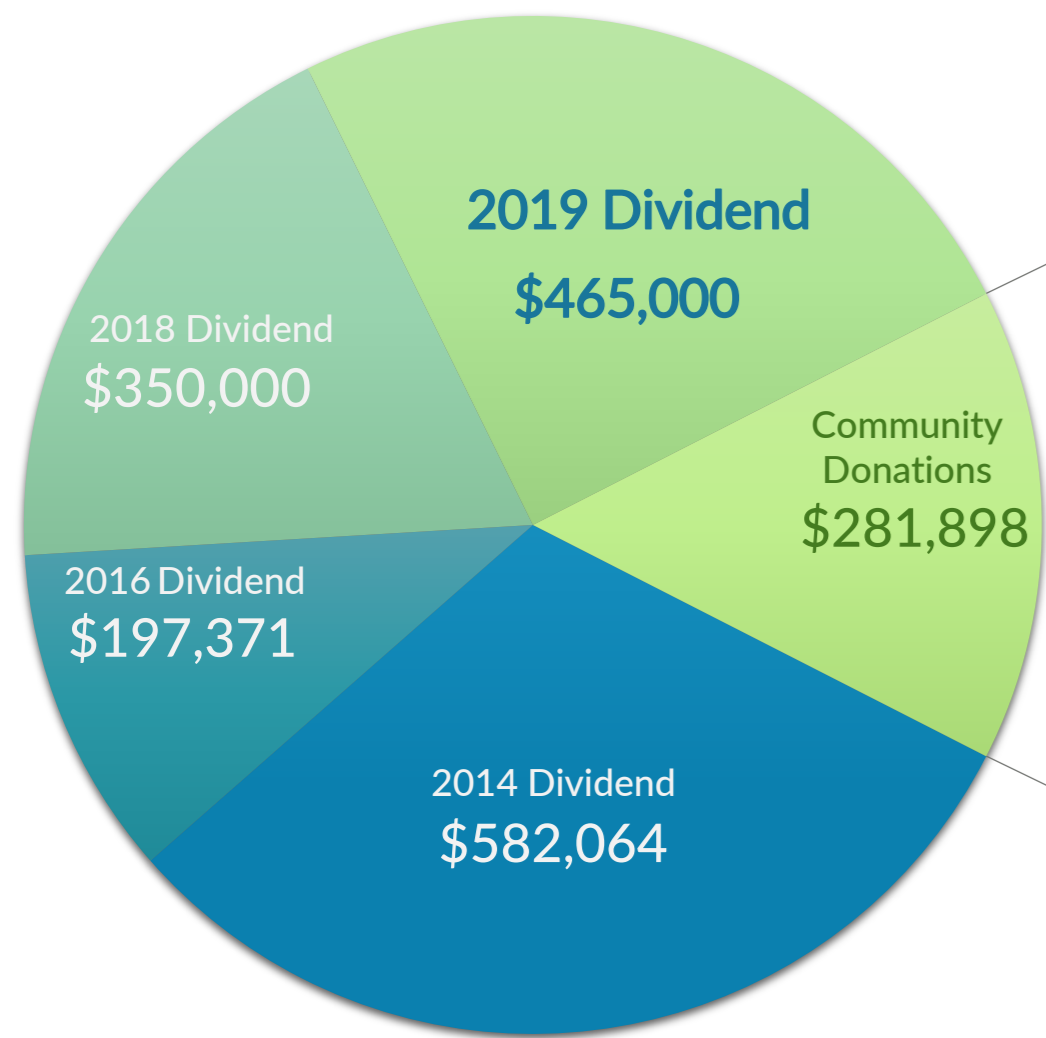
### CALENDAR

**155** **calendars** distributed to contractors, buyers, suppliers and partners



# COMMUNITY CONNECTIONS

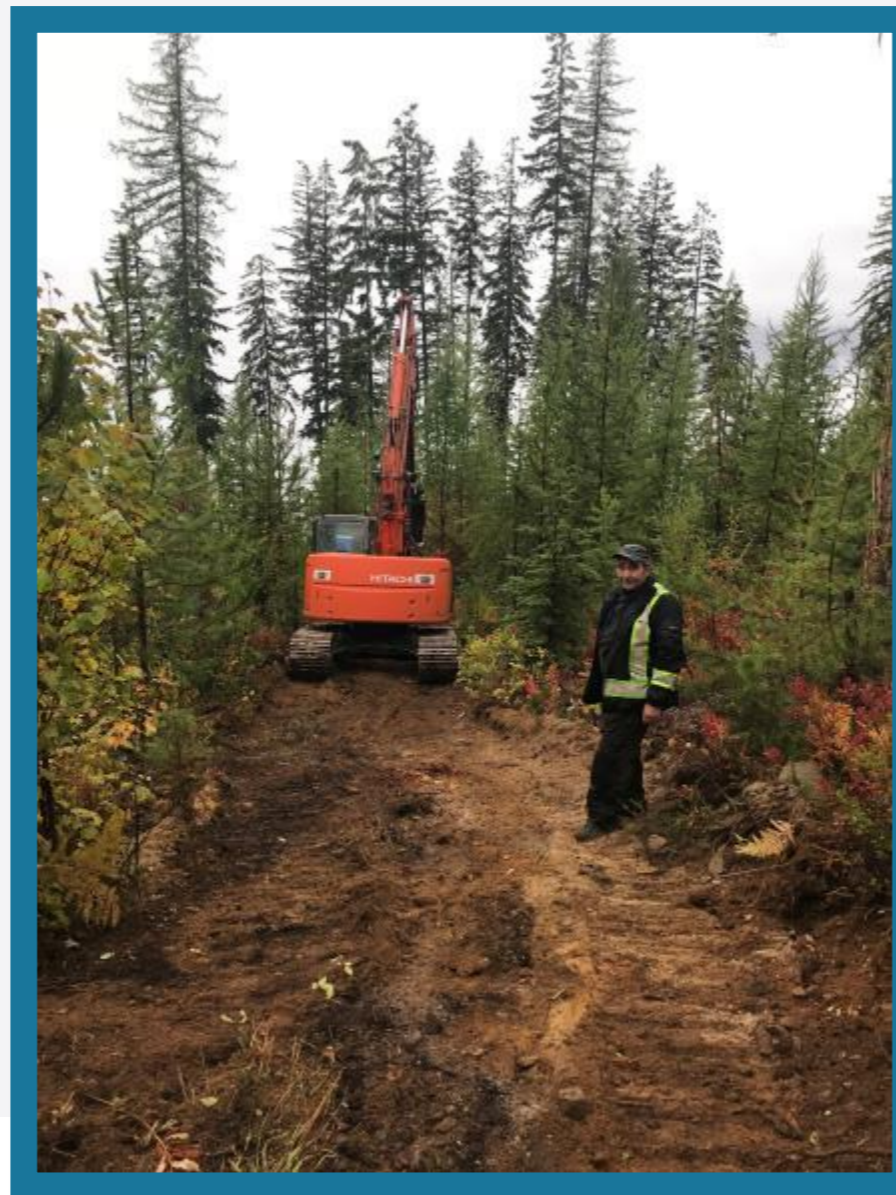
## PROFIT DISTRIBUTION OVER THE YEARS



### NACFOR Community Donations by Year

2014	\$52,616
2015	\$33,776
2016	\$48,800
2017	\$50,012
2018	\$49,188
2019	\$47,506

Includes Firewood and Purchased Donations



CLOCKWISE FROM LEFT:  
 ATV connector trail building,  
 NES treeplanting day,  
 ASLCS Community Works  
 Firewood Project,  
 Picnic table at Arrow Park Trail  
 Presenting donation to  
 Nakusp Rod & Gun Club



**TOTAL DIVIDENDS**  
 TO NACFOR LEGACY FUND SINCE 2014  
**\$1,594,435**



**NATIONAL FOREST WEEK**  
 WILDFIRE ADVENTURE DAY  
 with the help of the BC Wildfire Service's  
 Initial Attack and Unit Crews

## CASH DONATIONS IN 2019



**TOTAL CASH DONATIONS**  
 in 2019  
**\$40,000**



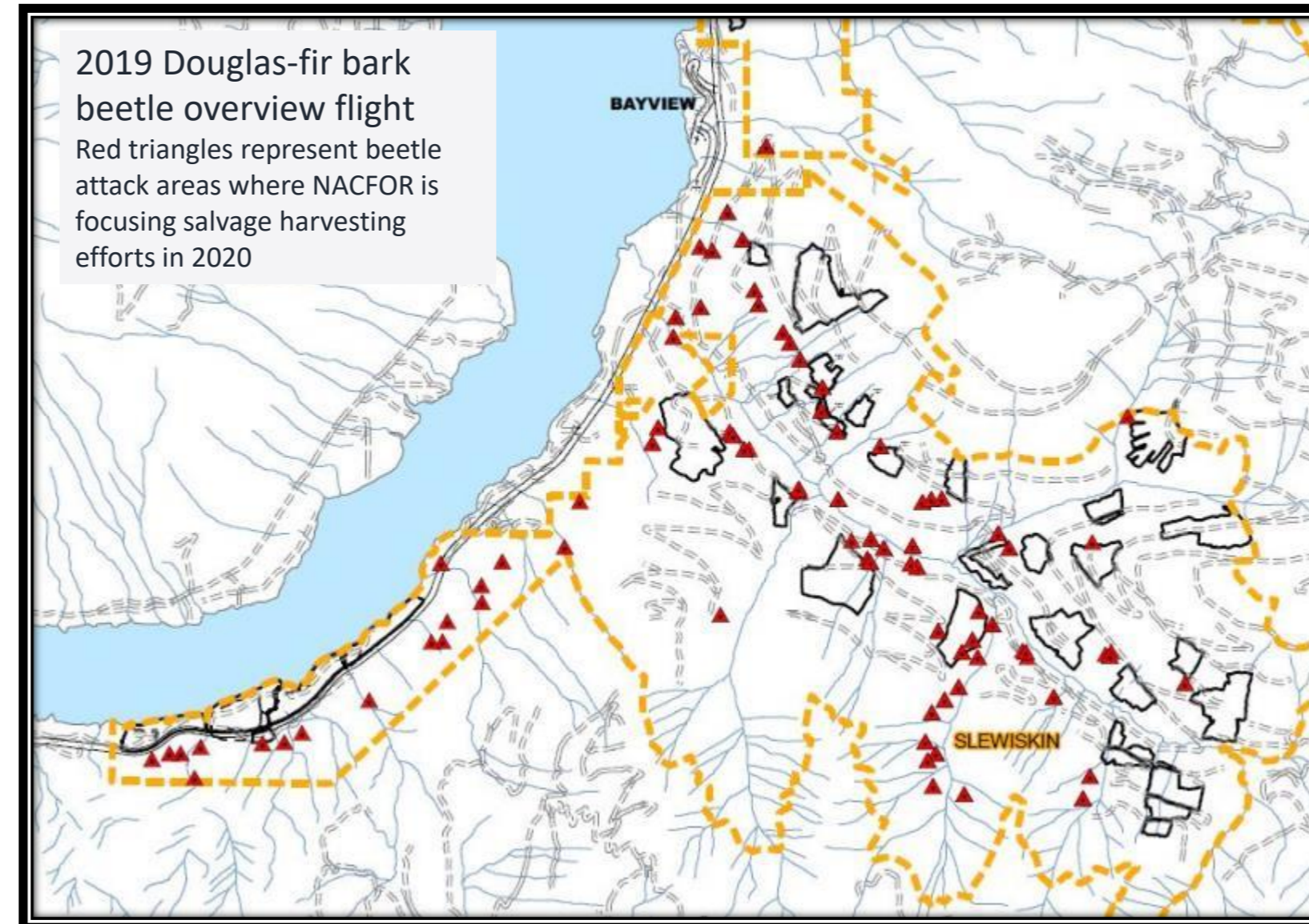


# FOREST OPERATIONS

## Operational Challenges:

- Managing operations in concert with limited contractor availability and capacity
- Managing timber inventory on a constrained land base – i.e. visual impacts, wildlife, water quality
- Proposed development areas constrained by difficult access
- Balancing management priorities with incremental initiatives such as wildfire risk reduction and strategic planning

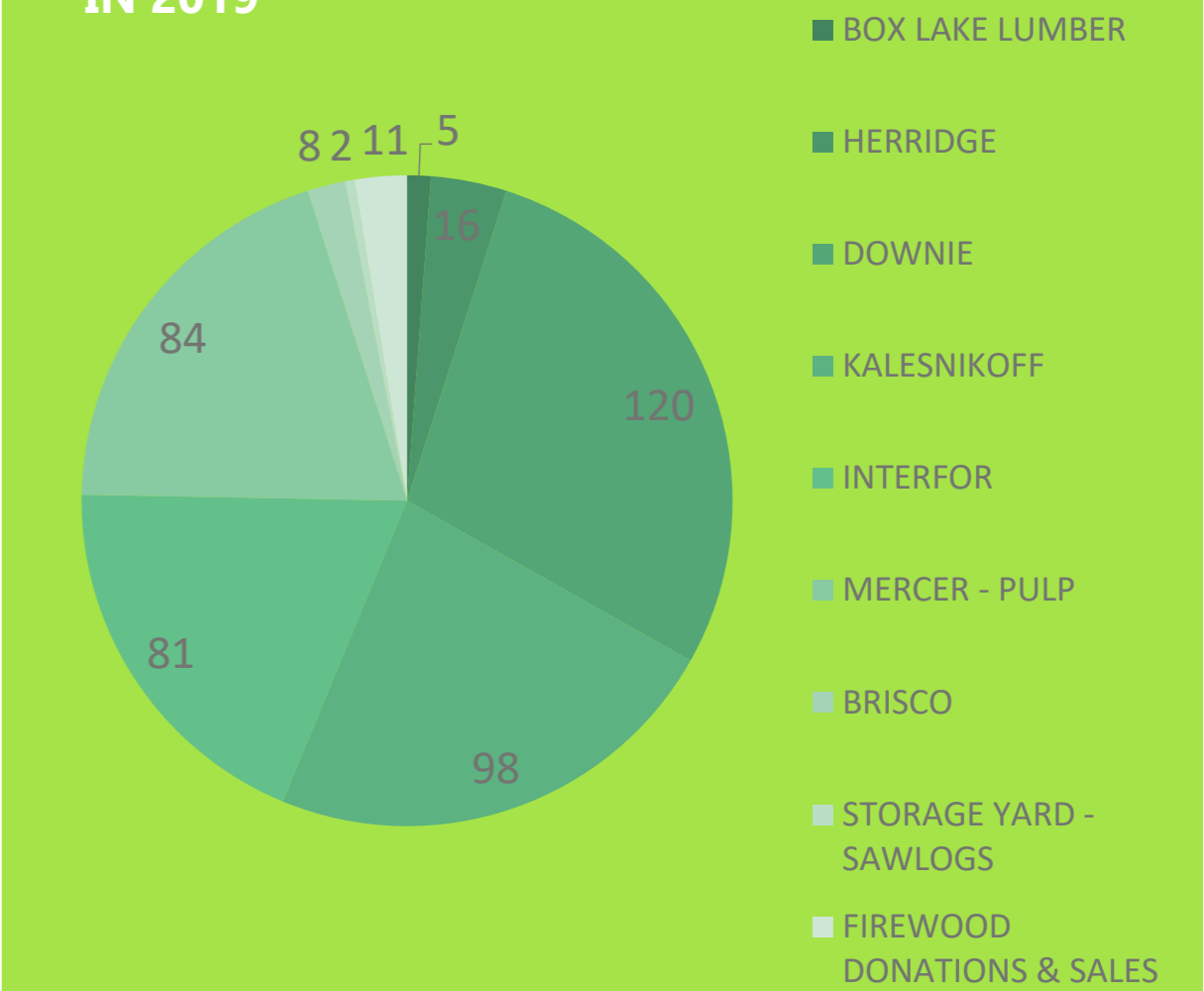
**NACFOR** used **Drone imagery** to provide high-resolution mapping tools for forest development, access planning and post-harvest monitoring and assessments



## 2019 HARVESTING

- Logged 33 hectares in four Development Areas – Fosthall, McDonald Cr (Baerg), Lower Lookout, Scalping Knife
- Focused harvesting in the first half of the year to take advantage of strong log markets
- 5.7 km of road construction and reconstruction
- Forest health management – planning and development of Douglas-fir bark beetle salvage areas in order to maximize value

## TRUCK LOADS DELIVERED IN 2019



<b>SURVEYS</b>	Silviculture surveys of reforested cut blocks to monitor plantation establishment and growth; <b>1 block free-growing</b>
<b>PLANTING</b>	<b>68,000</b> seedlings planted in compliance with the NACFOR stocking standards
<b>BRUSHING</b>	<b>19</b> hectares brushed to control competing vegetation and improve seedling survival
<b>ROOT REMOVAL</b>	<b>24.5</b> hectares of stumping to control root rot in establishing plantations; increases tree growth and productivity
<b>SOWING</b>	<b>70,000</b> seedlings
<b>TOTAL 2019 SILVICULTURE EXPENDITURES</b>	
<b>\$170,715</b>	

## Environmental & Safety Management System

A systematic approach to managing aspects of NACFOR's operations to ensure a safe work environment and minimize impacts on the environment

<b>INSPECTIONS</b>	<b>64</b>	Harvesting, road construction, development and silviculture
<b>INCIDENTS</b>	<b>5</b>	Environmental, safety and close calls
<b>NON-CONFORMANCES</b>	<b>10</b>	Represents 0.5% of potential non-conformances across all inspections

### KEY AREAS FOR IMPROVEMENTS

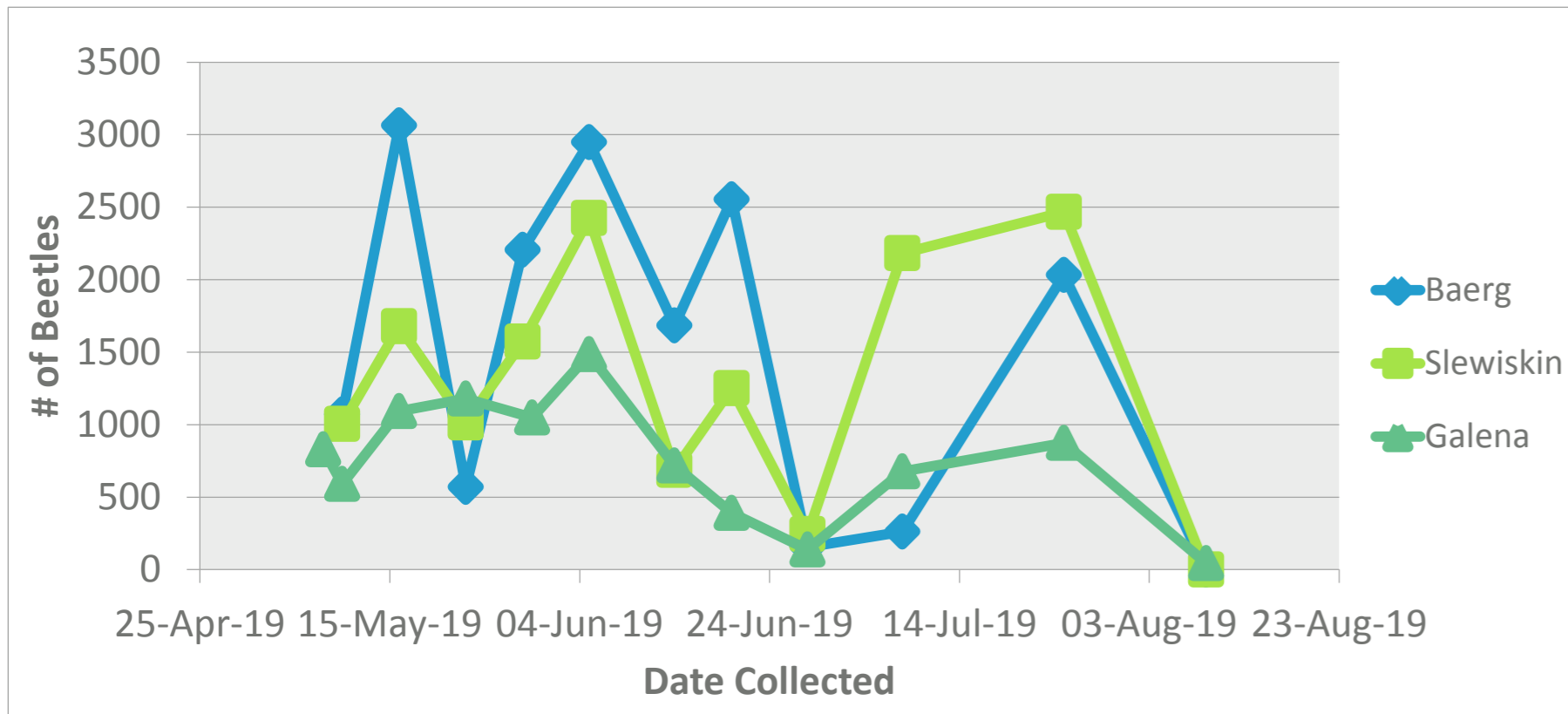
- Managing fuel at sites (spill kits, drip containment) – ensuring fire tool requirements are met
- Managing minor environmental aspects during operations





# STEWARDSHIP

## Douglas-Fir Beetle Funnel Traps



Above: Beetles in trap collection cup

Left: Collecting beetles from funnel traps



## Western Toad FSR Surveys



Above: 1 year old western toadlet

Month	% of Surveys with Toads Present	Age Span of Toads	Total Number of Toads	Ave. Road Temp. (°C)	Ave. Air Temp. (°C)
May	100	1-2 years old	466	25.3	17.2
June	100	1-3 years old	95	22.4	16.1
July	100	1 year old	10	16.0	15.0
August	40	0-2 years old	153	18.3	15.9
September	100	0-1 year old	34	20.3	14.5
October	0	no toads	0	14.0	4.0

## Arrow Lakes Caribou Society



Above: Collecting lichen with Selkirk College students

Below: Southern Mountain woodland caribou



Photo credit: Dennis Hamilton





# LOOKING FORWARD

Where we are going in 2020 - 2022



## Operations

Re-building the Standing Timber Inventory to set up harvesting through to the end of the Cut Control Period in 2022



## Wildfire Risk Reduction

Fuel treatments around Nakusp will be the focus of operational activities in late 2020



## Land Base

Continue work on the Land Base Initiative project to ensure NACFOR has a sustainable land base in the future



## Operations

Douglas-fir bark beetle management – ongoing trap tree program and recce to monitor spread  
Harvest infestations to recover value



## Business Management

Strategic planning and business plan development



## Governance

Build out committees  
Develop Board of Directors



## Operations

Road development to support harvesting