

# SUSTAINABLE FOREST MANAGEMENT AT MID ISLAND

February 16, 2021




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## Agenda



- Thank-you
- Context: The Coastal Forest
- Mid Island: Forest Stewardship and Conservation
- Forest Fortunate Communities: For all Generations
- Discussion: Collaboratively Working Together



Committed to a strong and vibrant coastal forest industry

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WFP

## Context: The Coastal Forest

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### Context: The Coastal Forest

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BC Coast Forested Area

Category	Percentage
Protected	46%
Non-Harvestable	29%
Timber Harvesting Land Base	25%

- **Protected** includes: Parks, Ecological Reserves, + other legal reserves such as Wildlife Habitat Areas, Ungulate Winter Ranges, etc.
- **Non-Harvestable** includes: Riparian Reserves, Retention, Wildlife tree Retention Areas, steep terrain, etc.

75% \* Upon completion of GBR Landscape Reserve Design.

Source: Ministry of Forests, Lands, Natural Resource Operations and Rural Development, Forest Analysis and Inventory Branch, 2020

Most of the coastal forest is protected or non-harvestable

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## Context: The Coastal Forest

- There is currently 4.6 million hectares of old growth (>250 years) on the BC Coast, equivalent to 1.5 Vancouver Islands
- 43% of BC coastal forest with a **known** age class is old growth

Age Class	Timber Harvesting Land Base	Non-Harvestable plus Protected
Early	~0.5	~1.5
Mid seral	~0.5	~2.5
Mature	~0.5	~2.5
Old	~1.1	~3.9
<b>Total</b>	<b>2.6 (25%)</b>	<b>8.4 (75%)</b>

Source: Ministry of Forests, Lands, Natural Resource Operations and Rural Development, Forest Analysis and Inventory Branch, 2020

Maintaining a balanced forest portfolio for the Coast

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### WFP

## Context: The Coastal Forest

- In the absence of disturbance, there will be 8.1 million hectares of old growth in 250 years equivalent to 2.6 Vancouver Islands


Projected Forest Area by Age on the BC Coast Over Time

Year	<40 years old	40-80 years old	80-250 years old	>250 years old	Total
2020	~1.0	~1.5	~2.5	~4.6	~9.6
2040	~1.0	~1.5	~2.5	~4.6	~9.6
2060	~1.0	~1.5	~2.5	~4.6	~9.6
2080	~1.0	~1.5	~2.5	~4.6	~9.6
2100	~1.0	~1.5	~2.5	~4.6	~9.6
2120	~1.0	~1.5	~2.5	~4.6	~9.6
2140	~1.0	~1.5	~2.5	~4.6	~9.6
2160	~1.0	~1.5	~2.5	~4.6	~9.6
2180	~1.0	~1.5	~2.5	~4.6	~9.6
2200	~1.0	~1.5	~2.5	~4.6	~9.6
2220	~1.0	~1.5	~2.5	~4.6	~9.6
2240	~1.0	~1.5	~2.5	~4.6	~9.6
2260	~1.0	~1.5	~2.5	~4.6	~9.6

Source: Ministry of Forests, Lands, Natural Resource Operations and Rural Development, Forest Analysis and Inventory Branch, 2020


More old growth in the future than today

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## Mid Island: Forest Stewardship and Conservation

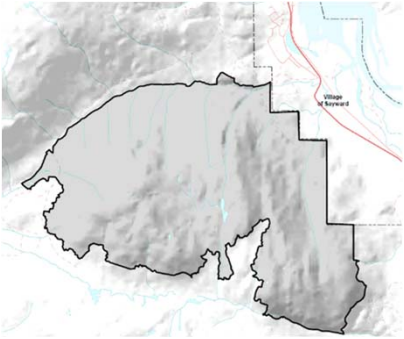
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### Mid Island Forest Summary



- TFL 39 Block 2 is comprised of:
  - ~128,000 ha productive forest
  - ~46,000 ha of productive old growth
- Old Growth Management Areas (OGMA)
  - Established 2005
  - ~19,000 ha productive forest
  - ~16,000 old productive old growth
- H'Kusam Deferral Area
  - September 11, 2020
  - 2 year deferral
  - Total size: 1,150 ha
  - 586 ha of forest >212 years old

Area of conserved old growth will increase

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**Mid Island: Forest Stewardship and Conservation** 



- Science-based approach
- Designed for Coastal Forests
  - Cohesive, structured, multi-scale approach
  - Functioning ecosystems for the future
  - Focus on old forest and forest structure
  - Science-based Variable Retention
- 20 years of research including Mid Island

Science-based approach for wildlife and biodiversity

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**Mid Island: Forest Stewardship and Conservation** 



- Conserve the full range of ecosystems
  - Rare ecosystems
- Maintain habitat types and forest structure (Variable Retention)
  - Old forest
  - Forest interior condition
  - Forest structure – stand level retention
  - Forest structure – big trees
- Sustain forest dwelling species
  - Species at risk
  - Species of significant concern
  - Common species

Science-based approach for wildlife and biodiversity

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## Mid Island: Western's Tallest Tree



[https://www.youtube.com/watch?v=G1\\_hTSBMrUI&t=1s&ab\\_channel=WesternForestProducts](https://www.youtube.com/watch?v=G1_hTSBMrUI&t=1s&ab_channel=WesternForestProducts)

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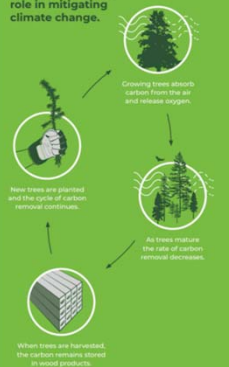
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## Mid Island: Forest Stewardship and Conservation



### PROVIDING THE WORLD'S MOST SUSTAINABLE BUILDING MATERIAL

Wood products play an important role in mitigating climate change.




- Stable communities require healthy and resilient forests into the future – this includes growing forests adapted to the future climate.
- Wood products are recognized as being key to the global climate change solution – where better than BC.

Forests are dynamic ecosystems directly influenced by a changing climate


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# Forest Fortunate Communities: For All Generations

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## Forest Fortunate Communities: For all Generations

A dependable cornerstone of our communities – we are **Forest Fortunate**

- **Long-term planning** - 250 years into the future providing for all generations
- **The complete forestry life cycle** – integrated across many coastal communities
- **Healthy and resilient forests** - producing carbon friendly wood products
- **Global leadership** - 83% of BC is Sustainable Forest Management certified



Coastal BC is home of the complete forestry life cycle

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Discussion:  
Collaboratively Working Together

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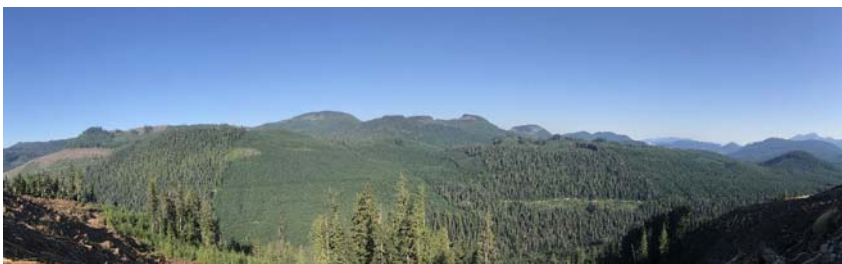


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**Discussion: Collaboratively Working Together**



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- We work together as Forest Fortunate Communities – proud of our local forests
- Stewardship and Conservation – is the context of everything we do

Informed, Factual, Science-Based

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