

BIG CO₂ FOREST

CLIMATE INITIATIVE



GreenRaise

PROJECT OVERVIEW

JUNE 2022

GREENRAISE CONSULTING GmbH

Who is GreenRaise Consulting GmbH?

- Retained by the Project Proponent to implement Carbon Project
- Global natural resource consulting firm (spin off of Zimmfor Management Services Ltd.)
- Specializing in nature based carbon removal projects
- Supporting...
 - CO₂ emitting organizations choose the right CO₂ compensation model
 - Forestland owners convert lands into carbon-credit-forests
- Based in Vienna, Austria (offices in Canada)

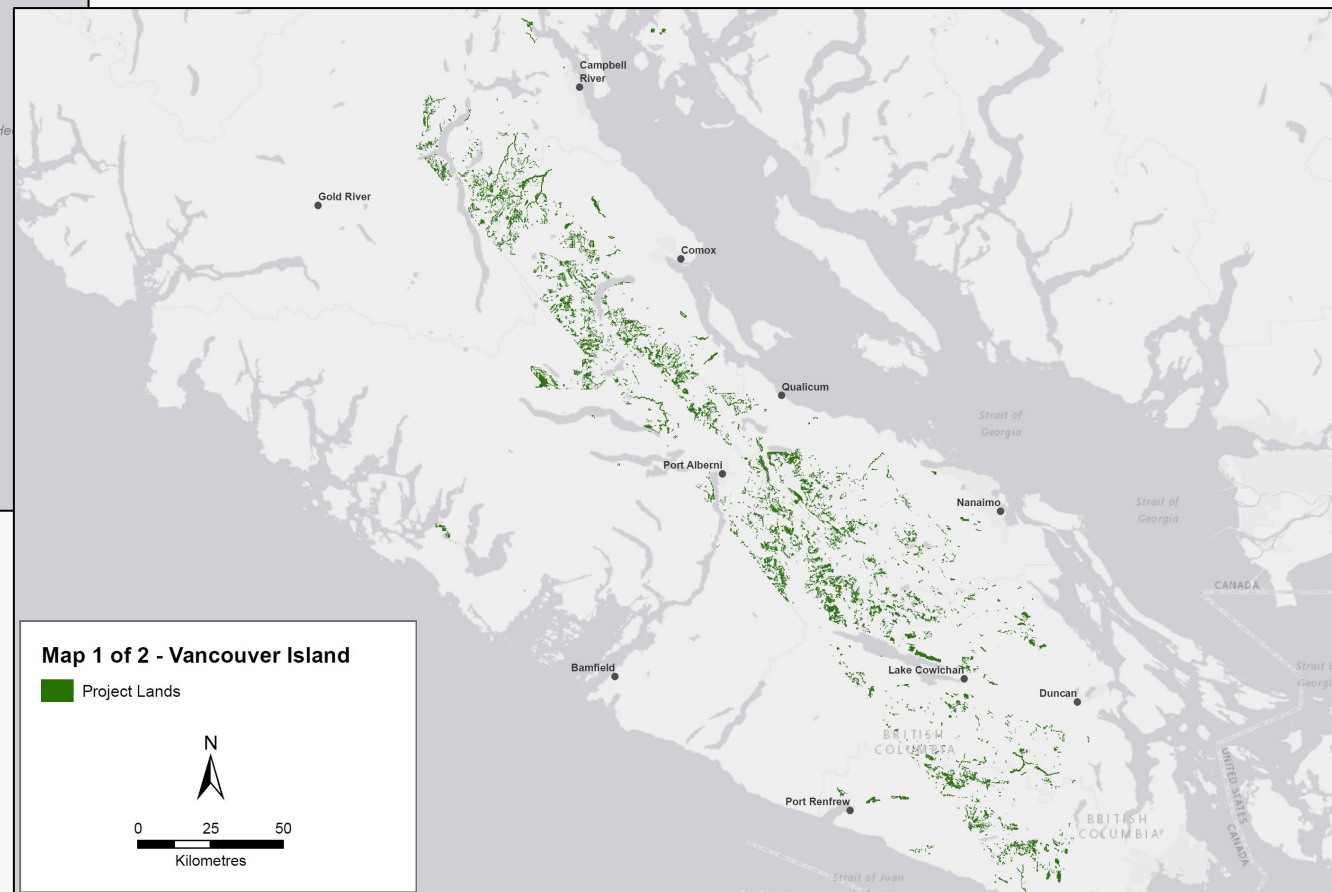
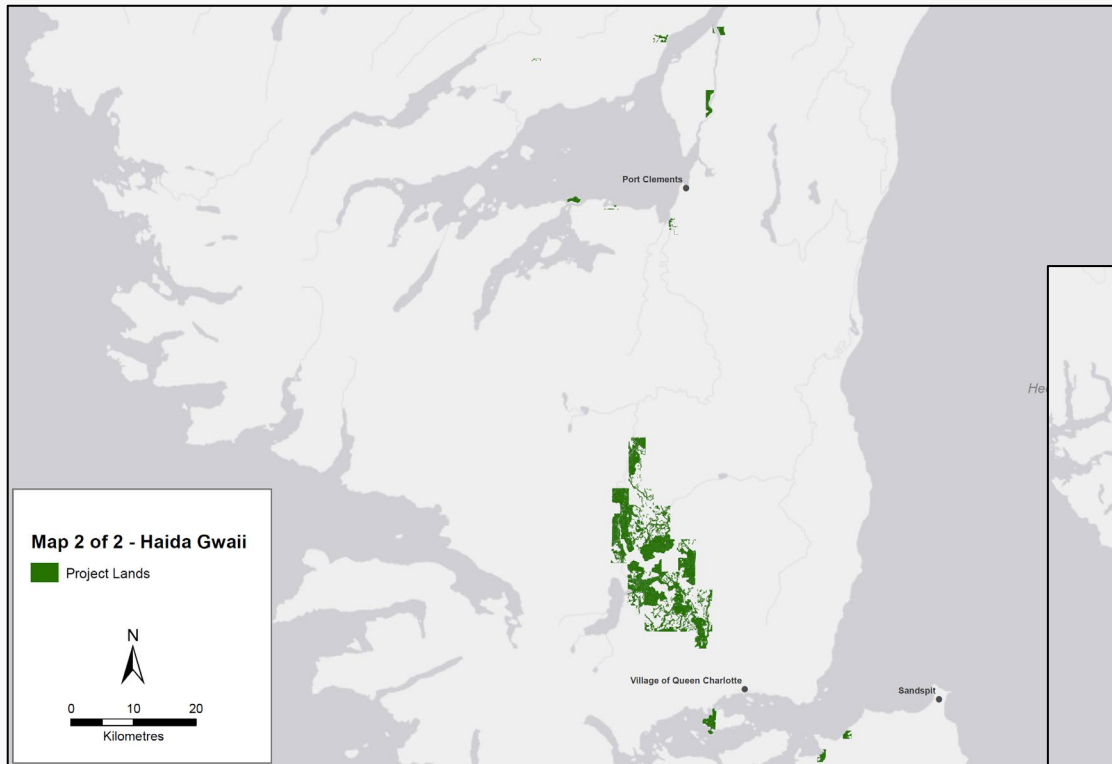
<https://green-raise.com/>

THE PROPERTY

- Forested land within Coastal British Columbia, Canada
- Private forest land managed by Mosaic Forest Management

PROJECT DESCRIPTION

- Goal:
 1. Reduce Greenhouse Gas (GHG) emissions by avoiding harvesting activities.
 2. Retain carbon contained in forests by avoiding harvesting activities.
 3. Increase economic diversity by selling carbon credits.
- +40,000 hectares of forest designated for the carbon initiative
- 30-year forest carbon crediting period



PROJECT DESCRIPTION

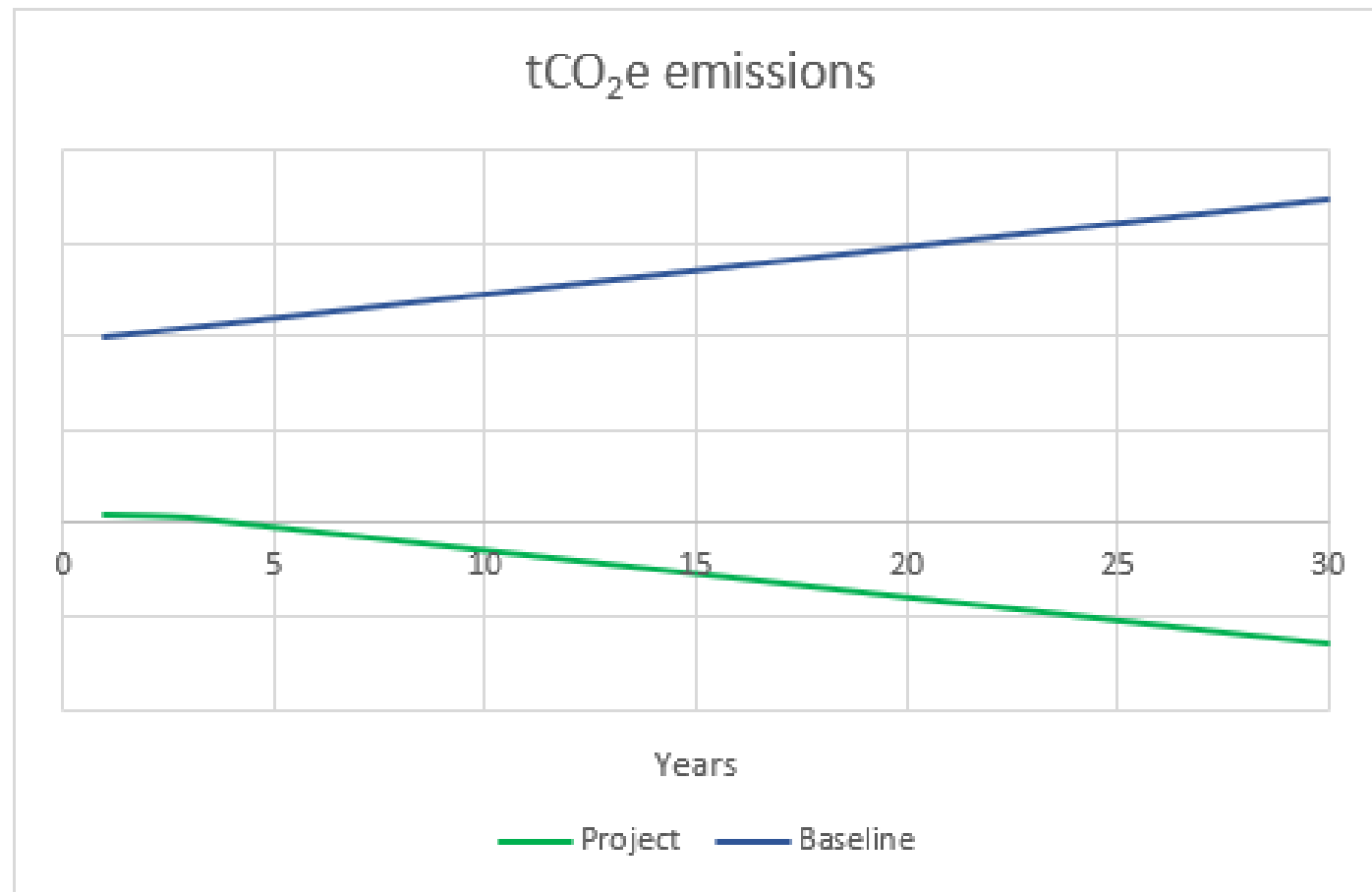
- Project meets requirements set by Verra www.terra.org
- Verra program requirements communicated in:
 - Standard – Verified Carbon Standard (VCS) <https://terra.org/project/vcs-program/>
 - Methodology (Forestry Sector) – VM00012 Improved Forest Management in Temperate and Boreal Forest <https://terra.org/methodology/vm0012-improved-forest-management-in-temperate-and-boreal-forests-ltpf-v1-2/>
 - Sustainable Development Verified Impact Standard (SD VISta) <https://terra.org/wp-content/uploads/2019/01/Sustainable-Development-Verified-Impact-Standard-v1.0.pdf>



PROJECT DESCRIPTION

- Carbon credits calculated based on the reduction on of CO₂ emitted (tonne).
- Reduction determined when comparing (difference between) project activities to regular harvesting operations
- Key terms:
 - Project Activity/Scenario: protecting forests and ecosystems
 - Baseline Scenario: regular harvesting operations

PROJECT EXAMPLE SCENARIO*



PROJECT DESCRIPTION VCS

- Start date of Project is January 1, 2018
- VCS project is Projected to reduce 22 million tCO₂e of emissions over the life of the project.
- Minimum harvesting may continue (not scheduled) for stand management purposes, on project lands.
- Sustainable harvesting to continue on non-project lands.

PROJECT DESCRIPTION

SD VISta

- Start date of Project is January 1, 2018
- SD VISta project to contribute to five sustainable development goals (SDGs)
 1. Clean water + Sanitation
 2. Responsible Consumption + Production
 3. Climate Action
 4. Life Under Water
 5. Life on Land

PROJECT MONITORING

- Monitoring and reporting on status of project will occur in 5-year intervals
- Monitoring identifies changes to:
 - Project area
 - Harvesting (legal and illegal)
 - Natural and human-caused disturbances
 - Tree volume
 - Impacts to the Planet, as well as People and their Prosperity

MONITORING RESULTS

- Detailed satellite imagery was acquired in summer of 2021 to assess the area for disturbances
 - No changes in inventory were made as a result
- Positive net change was observed to the Planet & People and their Prosperity

POTENTIAL INDIGENOUS + STAKEHOLDER IMPACTS

Risks:

- Legal: none
- Traditional/Human Rights: none
- Environmental: none
- Social/Socio-economic: little/none; commitment to continue stand maintenance and harvesting on other non-project lands

POTENTIAL INDIGENOUS + STAKEHOLDER IMPACTS

Costs:

- Legal: none
- Traditional/Human Rights: none
- Environmental: none
- Social/Socio-economic: little/none

POTENTIAL INDIGENOUS + STAKEHOLDER IMPACTS

Benefits:

- Legal: none
- Traditional/Human Rights: Indigenous participation
- Environmental: conservation of forest
- Social/Socio-economic:
 - Commitment to continue harvesting of non-project lands
 - Pilot project for future carbon credit projects in coastal British Columbia

RELEVANT LAW + REGULATIONS

- Private Managed Forest Land Act
- Water Sustainability Act
- Professional Governance Act
- Fisheries Act
- Workers Compensation Act

VALIDATION/ VERIFICATION

- Projects required to be assessed by independent 3rd party auditor
- These assessments termed Validation and Verification
- <https://verra.org/project/vcs-program/validation-verification/>
- <https://verra.org/project/sd-vista/assessment/>

VALIDATION/ VERIFICATION

Validation:

- Occurs at beginning of project
- Ensures all requirements met to implement project

Verification:

- Occurs every 1 – 5 years (onsite visits)
- Ensures the project adhering to the Verra requirements
- Verifies Goals met:
 1. Reduce Greenhouse Gas (GHG) emissions
 2. Retain carbon contained in forests
 3. Approve issuances of carbon credits
 4. Net positive impacts and contributions to SDGs

Project Documentation

Project Documentation (Project Description Documents, Validation and Verification reports and subsequent monitoring reports) can all be found within the Verra Registries:

- VCS: <https://registry.terra.org/app/search/VCS>
- SD VISta: <https://registry.terra.org/app/search/SDVISTA>

CONSULTATION

WE'D LIKE TO HEAR FROM YOU!

- Initial Stakeholder Consultation prior to Validation
 - 30 calendar days (initiated March 16, 2022)
- On-going Stakeholder Consultation
 - Continual feedback welcome for the life of project
- Feedback provided to Auditor
- Names/contact information not public
- To submit inquiries, comments or feedback via:
 - [Stakeholder Consultation Comment Form \(green-raise.com\)](https://green-raise.com)

CONTACT INFO

- For additional information, refer to initiative website: www.BigCoastForest.com
- Information related to the Stakeholder Consultation process, refer to GreenRaise website: www.green-raise.com
- For all other inquiries, please contact GreenRaise at info@green-raise.com



GreenRaise

THANK YOU!