



GRAF VON WESTPHALEN FOREST CARBON PROJECT

PROJECT OVERVIEW

DECEMBER 2024



Graf von Westphalen



Zimmfor Management Services Ltd.

Who is Zimmfor Management Services?

- Retained by the Graf von Westphalen to implement Carbon Project
- Global natural resource consulting firm 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 Campbell River, BC, Canada

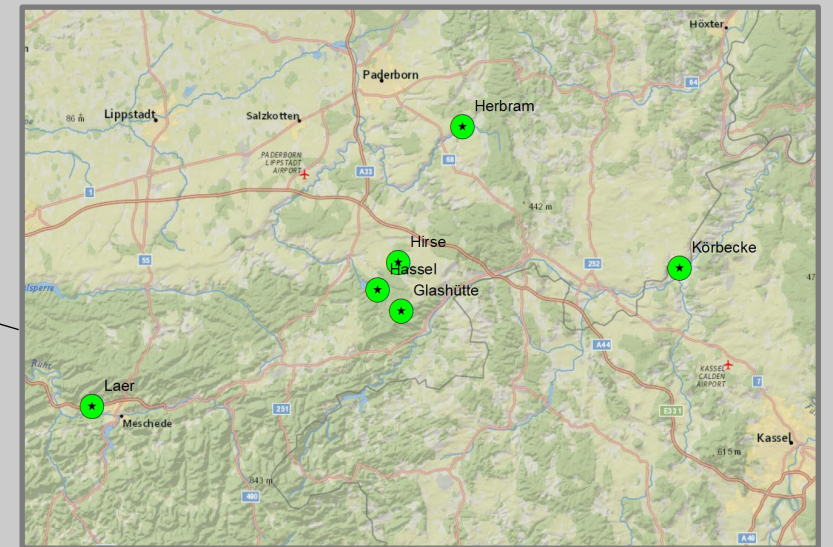
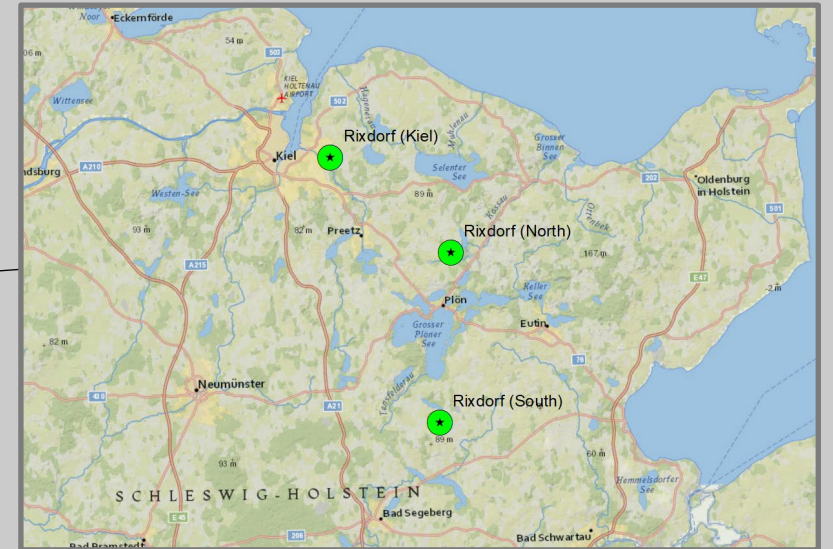
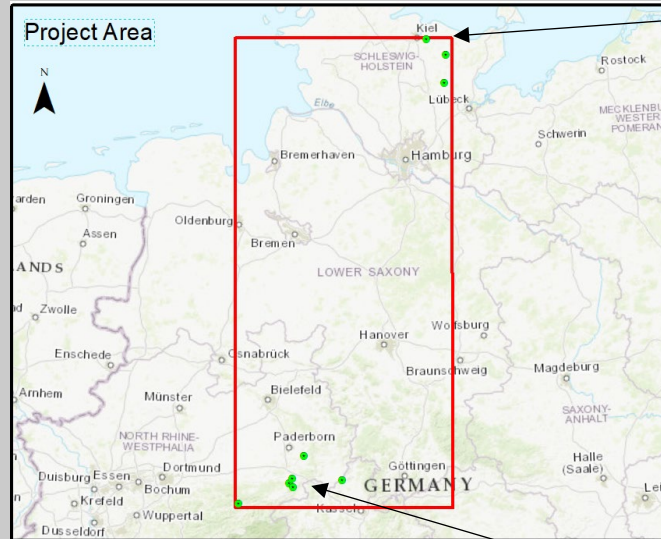
<https://zimmfor.com/>

THE PROPERTY

- Forested land within Schleswig-Holstein and North Rhine-Westphalia
- Project area occupies 769 ha of non-contiguous parcels
- The project (#3363) has a start date of January 2018 was validated and verified to the end of 2021
- Received registration in March 2024 after lengthy approval process.

THE PROJECT LOCATIONS

Project Locations



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
- 769 hectares of forest designated for the carbon initiative
- 40-year forest carbon crediting period

PROJECT DESCRIPTION

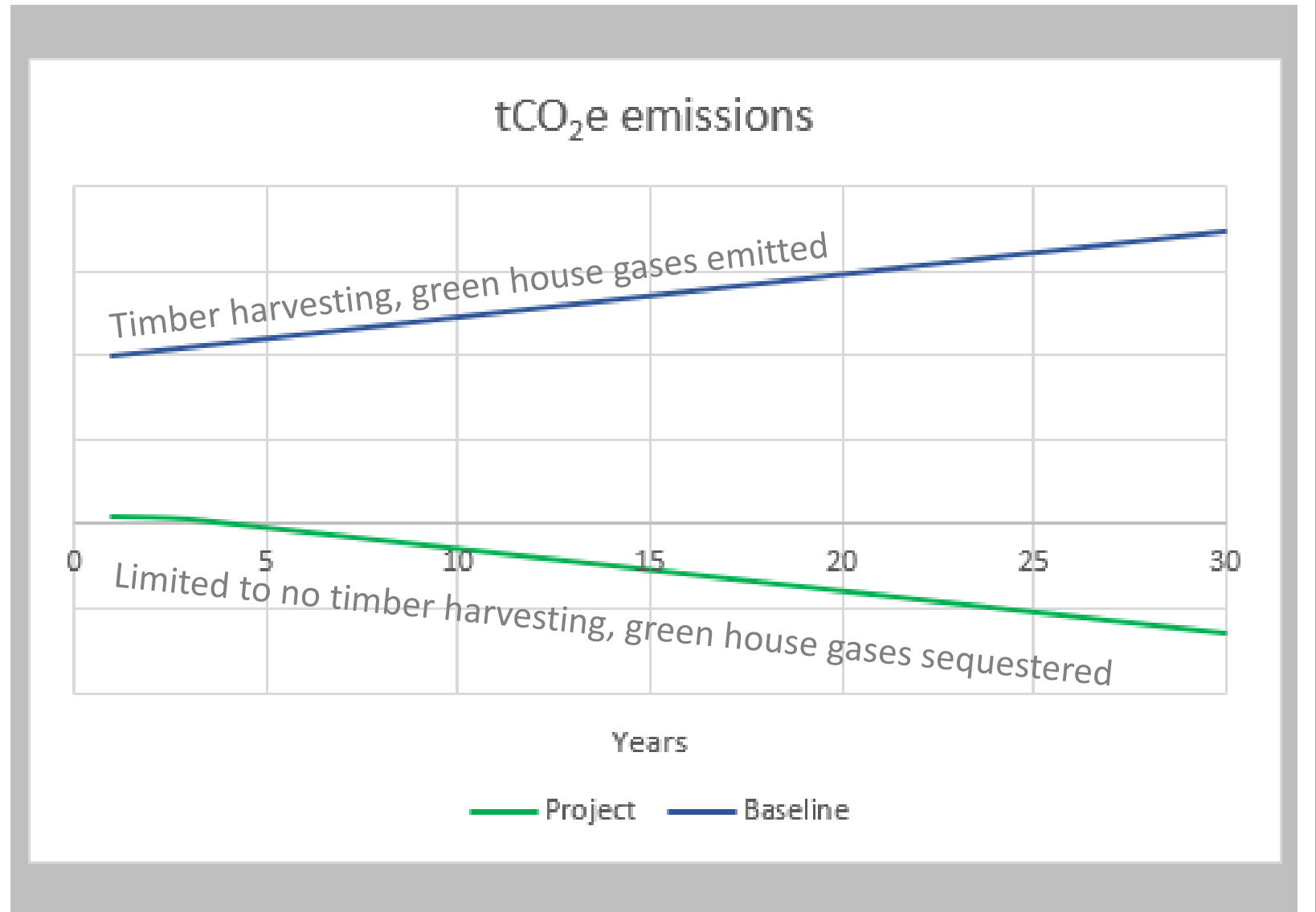
- Project meets requirements set by Verra www.terra.org
- Verra program requirements communicated in:
 - Standard – Verified Carbon Standard (VCS) <https://terra.org/project/vcs-program/>
 - Methodology (Forestry Sector) – VM00012 Improved Forest Management in Temperate and Boreal Forest <https://terra.org/methodology/vm0012-improved-forest-management-in-tempera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



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 with sanitary harvest only
 - Baseline Scenario: regular harvesting operations

PROJECT EXAMPLE SCENARIO*



PROJECT DESCRIPTION

- Start date of Project is January 1, 2018
- Projected to reduce approx. 219,000 tCO₂e of emissions over the life of the project
- Minimum harvesting may continue (not scheduled) for stand management purposes, on project lands
- Hygienic harvesting to continue after project year 10

PROJECT MONITORING

- This will be the first monitoring period covering projects activities from 2022 to 2024
- Monitoring is used to identify:
 - Natural disturbances (ex. wind, fire, insect events)
 - Harvesting (legal and illegal >4ha)
 - Confirm implementation of planned activities (cease harvesting)

MONITORING RESULTS



- Detailed satellite imagery has been acquired for the year 2022-2024 to assess the areas for disturbances
 - Changes in vegetation inventory was analysed. Small areas of sanitation harvesting was noted.
- An additional set of 46 monitoring plots were established in 2024 to improve statistical sample requirements and improve carbon monitoring

MONITORING RESULTS

- Westphalen also provided detailed harvest records for same period
 - A volume of 931m³ was removed to address forest protection and safety issues on roads and pathways
 - The removal volume has been modelled within the project scenario to provide revised GHG numbers

POTENTIAL STAKEHOLDER IMPACTS

Risks:

- Legal: none
- Traditional/Human Rights: none
- Environmental: none
- Social/Socio-economic: little/none; commitment to continue hygienic cutting

POTENTIAL STAKEHOLDER IMPACTS

Costs:

- Legal: none
- Traditional/Human Rights: none
- Environmental: none
- Social/Socio-economic: low;
continued benefit from hygienic
cutting

POTENTIAL STAKEHOLDER IMPACTS

Benefits:

- Legal: none
- Traditional/Human Rights: none
- Environmental: conservation of forest
- Social/Socio-economic:
 - Pilot project for future carbon credit projects in Germany
 - Continued hygienic cutting

RELEVANT LAW + REGULATIONS

Timber Harvesting:

- German Constitution (Grundgesetz)
- National Forest Act (Bundeswaldgesetze)
- Federal Nature Conservation Act (Bundesnaturschutzgesetz)

Social:

- German Civil Code (Bürgerliches Gesetzbuch)

VALIDATION/ VERIFICATION

- Project required to be assessed by independent and accredited 3rd party auditor
- This assessments is termed a Verification and focuses on project implementation and monitoring (i.e. has the forest been protected and is carbon being sequestered)

VALIDATION/ VERIFICATION

Validation:

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

Verification:

- Occurs every 1 – 5 years (may include onsite visits)
- Ensures the project adhering to the VCS requirements
- Verifies Goals met:
 1. Reduce Greenhouse Gas (GHG) emissions
 2. Retain carbon contained in forests
 3. Approve issuances of carbon credits

CONSULTATION

WE'D LIKE TO HEAR FROM YOU!

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 \(www.zimmfor.com/carbon.html\)](http://www.zimmfor.com/carbon.html)

CONTACT INFO

- Information related to the Stakeholder Consultation process, refer to Zimmfor website: www.zimmfor.com/carbon.html
- For all other inquiries, please contact Zimmfor at info@zimmfor.com
- Additional project information, refer to Verra Registry: <https://registry.terra.org>



Graf von Westphalen

THANK YOU!

