

NEPCon Evaluation of Aktieselskabet Rold Skov Savværk A/S Compliance with the SBP Framework: Public Summary Report

First Surveillance Audit

www.sbp-cert.org





Completed in accordance with the CB Public Summary Report Template Version 1.4

For further information on the SBP Framework and to view the full set of documentation see www.sbp-cert.org

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1 Overview

CB Name and contact: NEPCon OÜ, Filosoofi 31, 50108 Tartu, Estonia

Primary contact for SBP: Ondrej Tarabus ot@nepcon.org, +420 606 730 382

Current report completion date: 04/Jan/2019

Report authors: Rebecka McCarthy Tune and Steffen Just

Name of the Company: Rold Skov Savværk A/S

Company contact for SBP: Benno Laursen

Rold Skov Savværk A/S

Viborgvej 930, DK-8471 Sabro, Denmark

Phone: +45 99 40 40 60 email: bl@roldskov.dk

Certified Supply Base: The certified Supply Base covers all of Denmark and Norway

SBP Certificate Code: SBP-01-94

Date of certificate issue: 05/Mar/2018

Date of certificate expiry: 04/Mar/2023

This report relates to the First Surveillance Audit



2 Scope of the evaluation and SBP certificate

The scope of this evaluation is based on SBP standards 2; 4; and 5. During the assessment, the geographical scope of the Supply Base was confirmed to be all of Denmark and Norway. The BP only uses secondary feedstock from its own two FSC and PEFC certified softwood sawmills and all inputs to the sawmills are either FSC or PEFC certified or FSC Controlled Wood or sourced as Controlled wood under the BP's own Controlled Wood evaluation.

The BP is supplying the secondary feedstock - co-products from the sawmills (fines/sawdust, bark) - directly from the two sawmills via truck to the customer, which is a combined heat and power plant. The BP does not have any processing nor drying of the sawmill co-products, nor any storage yard or facility outside the sawmills, where the secondary feedstock originates from.

Scope description: "Production of sawmill co-products (Sabro and Arden, Denmark), for use in energy production, and transportation to different energy producers in Denmark. The scope of the certificate does not include Supply Base Evaluation.

Scope Item	Check all that apply to the Certificate Scope			Change in Scope (N/A for Assessments)		
Approved Standards:	SBP Standard #2 V1.0 SBP Standard #4 V1.0 SBP Standard #5 V1.0 http://www.sbp-cert.org/documents					
Primary Activity:	Producer of wo	od chi	ps			
Input Material Categories:	SBP-Compliant Primary Feedstock Controlled Feedstock		· 	SBP-Compliant Secondary Feedstock SBP non-Compliant Feedstock		
	SBP-Compliant Tertiary biomass Post-consumer Tertiary Feedstock					
	SBP-approve		Post-consumer Tertiary Feedstock			
	⊠FSC	⊠p	EFC	□\$FI	□ G GL	



Chain of custody system implemented:	☐ ransfer ☐ Percentag		ge	⊠ Credit	
Points of sales	Harbour – Permanent storage (Storage site)	Harbour – Temporally storage (Logistic site)		Other point of sale (e.g. gate of the BP, boarder, railway station etc.)	
Provide name of all points of sales	-	-		The SBP Biomass is sold at the customer's location after weighing in on weighbridge. All customers are located in Denmark.	
Use of SBP claim:	⊠Yes		□No		
SBE Verification Program:	New districts approved for SBP-Co		Sources with unspecified/ specified risk empliant inputs:		
Sub-scopes					
Specify SBP Product Groups added or removed:					
Comments:					



3 Specific objective

The specific objective of this evaluation was to confirm that the Biomass Producer's management system is capable of ensuring that all requirements of specified SBP Standards are implemented across the entire scope of certification. The scope of this evaluation does not cover a Supply Base Evaluation, since all feedstock is either SBP-compliant feedstock or SBP-controlled feedstock.

The scope of the evaluation covered:

- Review of the BP's management procedures;
- Review of FSC and PEFC system control points, analysis of the existing FSC and PEFC CoC system;
- Interviews with responsible staff;
- Review of the records, calculations and conversion coefficients;
- GHG data collection analysis.



4 SBP Standards utilised

4.1 SBP Standards utilised

Please select all SBP Standards used during this evaluation. All Standards can be accessed and downloaded from https://sbp-cert.org/documents/standards-documents/standards

- □SBP Framework Standard 1: Feedstock Compliance Standard (Version 1.0, 26 March 2015)

4.2 SBP-endorsed Regional Risk Assessment

Not applicable.



5 Description of Company, Supply Base and Forest Management

5.1 Description of Company

Aktieselskabet Rold Skov Savværk is a Danish limited company operating two softwood sawmills, with the main office and one sawmill at the address Viborgvej 930, DK-8471 Sabro, Denmark, and one sawmill at the address Østergade 28, DK-9510 Arden, Denmark. The sawmills process Danish and Norwegian softwoods and all inputs are either FSC or PEFC Certified, FSC CW or sourced as Controlled wood under the FSC Controlled Wood standard.

Aktieselskabet Rold Skov Savværk holds FSC and PEFC CoC multisite certificates issued by NEPCon and have the PEFC CoC certificate number NC-PEFC/COC-029841 and FSC certificate number NC-COC-029841. They have implemented credit systems under both schemes.

Aktieselskabet Rold Skov Savværk utilizes the following species in its sawmills: Norway spruce (Picea abies), Sitka spruce (Picea sitchensis), Omorika spruce (Picea omorika), Fir (Abies alba), Grandis (Abies grandis), Nobilis (Abies procera), Larch (Larix spp)

The BP is supplying co-products from the sawmills (fines/sawdust, bark) directly from the two sawmills via truck to the customer, which are combined heat and power plants.

The BP will make SBP-compliant biomass claims for the product group "Fines – Sawmill co-products", and only uses secondary feedstock from its own two FSC and PEFC certified softwood sawmills as inputs to this product group. All inputs to the sawmills are either FSC or PEFC certified, FSC Controlled Wood or sourced as Controlled wood under the BP's own Controlled Wood evaluation. Hence, all feedstock is either SBP-compliant feedstock or SBP-controlled feedstock.

The BP does not have any processing nor drying of the sawmill co-products, nor any storage yard or facility outside the sawmills, where the sawmill co-products originates form.

5.2 Description of Company's Supply Base

Link to the Supply Base Report on the Biomass Producer's own website: https://www.roldskov.dk/certificeringer/sbp-certificering

Supply base Denmark

Rold Skov Savværk considers all of Denmark as its supply base.

Rold Skov Savværk sources most of its input materials from forest estates in Denmark and from a few traders. Most of the forestry estates are in Jutland and on Funen and one estate on Zealand.



According to Nord-Larsen et. al (2016) the forest cover in Denmark is 624.782 ha which is equal to app. 14,5 % of the total land area and the forest area is increasing. A total of app. 75% of the forest area is under private ownership while 25% is managed by public organizations (figure 1).

The land use development from 1851 to 2015 and distribution to forest type can be seen in figure 2 and table 1 below: The forest area is increasing, and the percentage of conifers has been increasing until 2000 and after 2000 the area of broadleaf forest has been increasing.

In table 1 the land use distribution of the forests in Denmark is presented. As it can be seen approximately 241.000 hectares have coniferous (softwood) plantings with a gross annual increment of on average 12,9 m3 and net annual increment of 2,8 m3 / hectar (Nord-Larsen et. al (2016)).

Management practices

Norway and Sitka spruce normally originate from even aged plantings and even aged plantings influence on biodiversity as they have limited biodiversity. The cause being, that the management practice of clear felling leads to loss of habitat for organisms requiring a continuous forest cover. This management practice has however been challenged during the last 20 years and today more and more plantings are mixed, but with minimum rotations of 40 years, and even aged plantings still taking place, the management practice will continue to exist for long time. About 15 % of forest area is managed by uneven aged operations.

The distribution of the different management practices is presented in table 2.

Supply base Norway

Rold Skov Savværk consider the region "Nordland" in the north-western part of Norway to be in its supply base.

Rold Skov Savværk source about 10 % of its roundwood from Nordland in the north-western part of Norway, see figure 4. In Norway approximately 40 % of the surface area is covered by forest. The total forested area amounts to 13 million hectares, including 8,3 million hectares of productive forest. The annual increment is about 26 million cubic metres and the most important species are Norway spruce (44 %), Scots pine (31 %) and birch and other broadleaves (25 %) (Rognstad et. al, 2015).

In Nordland the productive forest area amounts to 452.600 hectars (Rognstad et. al, 2015).

Management

Norwegian forest resource polices are based on principles of maintaining the long-term stability and resilience of the resource base. The goal of Norwegian forest management policies is to meet social, economic, ecological and cultural needs for present and future generations (Rognstad et. al, 2015)

Norway has similar management practices even/uneven aged as Denmark, but longer rotations cause better biodiversity settings.



Proportions of certified wood

Rold Skov Savværk purchases roundwood with one of the following claims:

- FSC 100%
- FSC Controlled Wood
- PEFC 100 % certified
- In addition, Rold Skov Savværk purchases wood from suppliers if the material can pass Rold Skov Savværk's FSC Controlled Wood mitigation measures in order to be classified as FSC Controlled Wood.

Rold Skov Savværk does not purchase any volumes with the following claims: PEFC Controlled Sources or material without claims.

Estimated proportions of certified primary feed stock are shown in table 4.

	FSC 100%	FSC CW claim	FSC CW screening	PEFC 100 % certified	PEFC Controlled sources	Other
Denmark*	15% (5)	0	62% (15)	23% (10)	None	None
Norway	None	50 % (1)		50 % (1)	None	None

^{*} Figures in () indicate number of suppliers

Table 4: Rold Skov Savværk's, estimated proportions of certified primary feed stock

From the production at Rold Skov Savværk the output will have the following SBP claims:

SBP-compliant biomass: Sawmill co-products which could otherwise achieve the claims: 100 % PEFC Certified or FSC Mix Credit.

SBP-controlled biomass: Sawmill co-products which could otherwise achieve the claims: FSC Controlled Wood.

5.3 Detailed description of Supply Base

The Qualitative description of the Supply Base can also be found in the Biomass Producer's Supply Base Report which is available in the company website at https://www.roldskov.dk/certificeringer/sbp-certificering

Supply Base

a. Total Supply Base area (ha):

Denmark: 624.000 haNorway 8.300.000 ha

- Total: 8.924.000 ha

b. Tenure by type (ha):

privately owned:

i. Denmark: 75 %



ii. Norway: 83 %

Public

i. Denmark: 25 % ii. Norway: 17 %

- c. Forest by type (ha):
 - Temperate forest type 100 % (Denmark)
 - Boreal forest type 100 % (Norway)
- d. Forest by management type (ha):
 - planted stands 100 % (Denmark)
 - planted forest 100 % (Norway)
- e. Certified forest by scheme (ha):
 - FSC¹
 - i. Denmark: 212.654 ha
 - ii. Norway: 444.823 ha in total for all Norway, corresponding to about 5 % of the productive forest area. Specific FSC data for Nordland cannot be retrieved online.
 - PEFC²
 - i. Denmark: 264.411 ha
 - ii. Norway: 7.380.750 ha in total for Norway, corresponding to about 89 % of the productive forest area. Specific PEFC data for Nordland cannot be retrieved online.

Feedstock

- f. Total volume of Feedstock: 0-200.000 m3
- g. Volume of primary feedstock: N/A
- h. List percentage of primary feedstock (g), by the following categories. Subdivide by SBP-approved Forest Management Schemes:
 - FSC certified 15 %
 - PEFC certified 25 %
- List all species in primary feedstock, including scientific name:
 - Norway spruce (Picea abies),
 - Sitka spruce (Picea sitchensis),
 - Omorika spruce (Picea omorika),
 - Fir (Abies alba),
 - Grandis (Abies grandis),
 - Nobilis (Abies procera),
 - Larch (Larix spp.)
- j. Volume of primary feedstock from primary forest: 0 m3
- k. List percentage of primary feedstock from primary forest (j), by the following categories. Subdivide by SBP-approved Forest Management Schemes: N/A
- Volume of secondary feedstock: 100 %
- m. Volume of tertiary feedstock: 0 %

¹ https://ic.fsc.org/en/facts-and-figures

² https://www.pefc.org/about-pefc/who-we-are/facts-a-figures





Disclosure of the exact figures would reveal commercially sensitive information that could be used by competitors to gain competitive advantage. Volumes are sensitive as they may give competitors and idea about capacity, resources and market share.

5.4 Chain of Custody system

Aktieselskabet Rold Skov Savværk holds FSC and PEFC CoC multisite certificates issued by NEPCon and have the PEFC CoC certificate number NC-PEFC/COC-029841 and FSC certificate number NC-COC-029841. Under both schemes, the BP has implemented credit systems which are updated regularly when new wood comes in to the sawmill.

The BP is using both PEFC and FSC material as input to the SBP system. The BP maintains FSC and PEFC credit product groups for sawn timber products and for the co-products. The BP uses conversion factors from saw logs to sawdust, these values are base on data from previous years. All three credit systems (SBP, FSC and PEFC) are using a maximum time for saving credits of 12 months before they expire.

The SBP credits are based on the volume credits in both the FSC and PEFC registrations. The FSC and PEFC CoC systems are therefore both resulting in the underlying CoC system for the SBP certification, but the FSC system is considered the dominant system for the SBP CoC system.

Rold Skov Savværk utilize the following species in its sawmill: Norway spruce (*Picea abies*), Sitka spruce (*Picea sitchensis*), Omorika spruce (*Picea omorika*), Fir (*Abies alba*), Grandis (*Abies grandis*), Nobilis (*Abies procera*), Larch (*Larix* spp).

The BP is supplying by-products from the sawmills (fines/sawdust, bark) by truck directly to the customer. At the time of the audit, the only customers are heat and power plants.

The BP uses SBP-compliant biomass claims for the product group (sawmill co-products), and only uses secondary feedstock from its own two FSC and PEFC certified softwood sawmills as inputs to this product group. All inputs to the sawmills are either FSC certified, PEFC Certified, FSC Controlled Wood or sourced as Controlled wood under the BP's own Controlled Wood evaluation. Hence, all feedstock is either SBP-compliant feedstock or SBP-controlled feedstock.



6 Evaluation process

6.1 Timing of evaluation activities

The SBP audit was carried out in the BP's main office in Sabro, Denmark, on November 20th, 2018.

The SBP audit was conducted in accordance with the plan below; and included audit activities and interviews in the main office. The production facilities in Sabro and Arden were inspected looking at raw material and biomass storage areas, including the machinery used for loading of the biomass.

The audit ended at the sawmill in Arden, including a summary of the findings and the audit team's presentation of draft non-conformities. In total one day was used for the main assessment.

Tuesday 20th of November 2018

Time	Activity	Location	Responsible auditor
8.00 –	Opening Meeting. Introduction of participants. Review	Rold Skov Savværk	Rebecka McCarthy
8.30	of the agenda.	Main office	tune
8.30 –	The organization's presentation of:	Rold Skov Savværk	Rebecka McCarthy
10.00	Brief presentation of the company: Number of	Main office	tune
	employees, business activities, machinery, storage		
	facilities and customers		
	 Supply Base Report, as well as any 		
	stakeholder comments		
	 Description of the Supply Base 		
	 Stakeholder process and results 		
	Documented procedures (Management overtem)		
	system) o Management's annual review of the		
	system		
	 Compliance with EU Timber 		
	Regulation		
	 Safety and health procedures 		
	 Classification of input material 		
	 Supplier Evaluation Program 		
	 Employee competences 		
	 Procedure for handling complaints 		
	 Training measures and registration 		
	of completed trainings		





	 Review of FSC / PEFC credit system and basis for classification of inputs and calculation of credit use on SBP-compliant biomass. Planning interviews with employees and business partners 		
10.00 – 13.00	Review of the traceability system Review of documentation: Material records, maps, purchase and sales documentation (interviews with relevant staff) Review of the system for the collection and reporting of energy and emissions data Review of procedures for sales documentation: SBP invoices, and transport documents, reporting of GHG and emissions data, used of the DTS system.	Rold Skov Savværk Main office, production and storage facilites.	Rebecka McCarthy tune
13.00- 13.30	Lunch	Rold Skov Savværk Main office,	
13.30 – 14.30	Review of system for collecting and transferring energy and emission data Reporting Period Transportation Data Registration of fuel consumption at production and in stock SAR" and Static Biomass Profiling Data	Rold Skov Savværk Main office	Rebecka McCarthy tune
14.30 – 16.00	Visit the sawmill facilities in Arden	Rold Skov Savværk Arden	Rebecka McCarthy tune
16.00 – 16.30	Closing meeting. Auditor summarizes conclusions.	Rold Skov Savværk Arden	Rebecka McCarthy tune

6.2 Description of evaluation activities

The evaluation followed the agenda outlined in the plan above. Due to the scope of the certification, the audit consisted mainly of document reviews and interviews with the overall responsible, Mr. Benno Laursen, Head of Raw Material Sourcing. Due to the scope of the SBP certification, the most important Critical Control Point is the sourcing of the input materials to the sawmill as either FSC certified, FSC Controlled Wood or as Controlled Wood under the BP's verification program in accordance with FSC Controlled Wood standard requirements.



Composition of audit team:

Auditor(s), roles	Qualifications
Rebecka Mc Carthy,	M.Sc. and Ph. D. in forestry. Has passed NEPCon Lead Auditor Training
Lead auditor	for FSC and PEFC FM and CoC certification. Experience from FSC and
	PEFC CoC and FM audits in Denmark and Europe. In addition, Rebecka
	works with evaluation of supply chains, education and support related to
	legality and EU Timber Regulation (EUTR).
Steffen Just,	MSc Forest and Nature Management
SBP auditor-in-training	BSc Forest and Landscape Engineer
	Steffen is a Lead auditor for the FSC and PEFC certification schemes,
	specifically with Chain of Custody auditing.
	Steffen is under training as SBP Lead auditor.

Impartiality commitment: NEPCon commits to using impartial auditors and our clients are encouraged to inform NEPCon management if violations of this are noted. Please see our Impartiality Policy here: http://www.nepcon.org/impartiality-policy

6.3 Process for consultation with stakeholders

A stakeholder consultation process was carried out by the Certification Body at the time of the main assessment. This process took place on the 3rd of November to 3rd of December 2017. By the time of the main assessment (December 4, 2017), there had been no comments.

No additional stakeholder consultation was carried out at this year's audit.



7 Results

7.1 Main strengths and weaknesses

The main strength of the BP's SBP management system is that the scope is quite simple, and there is limited effort necessary to maintain compliance with the management system and SBP standard requirements. For weaknesses see the NCR section.

7.2 Rigour of Supply Base Evaluation

Not applicable – Supply base evaluation is not part of the scope.

7.3 Collection and Communication of Data

Since all feedstock is Secondary feedstock, the only contributions to GHG emission are from the handling and loading of the biomass at the sawmills and from the transport of the biomass from the sawmills to the end-user.

7.4 Competency of involved personnel

The BP does not implement a Supply Base Evaluation.

The overall responsible at the BP has been supported in establishing the SBP Management System and preparing the necessary documents by the external consultant Anders Bjørnkjær-Nielsen. Mr. Bjørnkjær-Nielsen holds a M.Sc. degree in forestry and an advanced business diploma in accounting, and has experience from assisting in establishing a SBP management system for other biomass producers. Mr. Bjørnkjær-Nielsen has demonstrated good knowledge of the SBP standard requirements throughout the process.

The overall responsible has very good understanding of the sawmill and necessary aspects of wood sourcing and is being supported by the external consultant in establishing and implementing the SBP management system. It is the auditor's evaluation that the relative simple scope of this SBP certification requires little regular maintenance.

7.5 Stakeholder feedback

Neither the CB or BP received any stakeholder feedback as result of the stakeholder process during the main assessment in 2017 or in the annual audit period.



7.6 Preconditions

No preconditions.



8 Review of Company's Risk Assessments

Not applicable, the BP does not implement a Supply Base Evaluation, since all feedstock is either FSC or PEFC certified, FSC CW or sourced under the BP's on FSC controlled wood evaluation.



9 Review of Company's mitigation measures

Not applicable.



10 Non-conformities and observations

Identify all non-conformities and observations raised/closed during the evaluation (a tabular format below may be used here). <u>Please use as many copies of the table as needed</u>. For each, give details to include at least the following:

- applicable requirement(s)
- grading of the non-conformity (major or minor) or observation with supporting rationale
- timeframe for resolution of the non-conformity
- a statement as to whether the non-conformity is likely to impact upon the integrity of the affected SBP-certified products and the credibility of the SBP trademarks.

NC number 01/18	NC Grading: Major	
Standard & Requirement:	SBP standard 5, Instruction Document 5B, requirement 2.2.1	
Description of Non-conformanc	e and Related Evidence:	
as a result of a client request. The	DIs in the latest SAR, but has started to use new SDIs for each invoice e BP has followed this client's request and incorrectly used SDIs that oved SAR. The BP has a written procedure where there is a correct h 1).	
Timeline for Conformance:	3 months from the report finalisation	
Evidence Provided by	The BP itself has detected the mistake before the audit. The BP	
Company to close NC:	already had a procedure describing the use of SDI (Exhibit 1), but the BP has also added a clarification regarding the mistake that was done (Exhibit 1b).	
Findings for Evaluation of	During interview, the BP showed good understanding for the use of	
Evidence:	SDI and that they have to be approved in the SAR before they can be used. Also, the updated procedure was considered as sufficient to close the non-conformity on this background.	
NC Status:	Closed	



NC number 02/18	NC Grading: Minor		
Standard & Requirement:	SBP standard 2, Instruction Document 2C, requirement 5.1		
Description of Non-conformanc	e and Related Evidence:		
The BP has documented a procedure for preparing an annual update of the SBR (Exhibit 1). However, the BP had added significant changed in an extra page, but not provided any production figures for last year's biomass production or a forecast for the coming year (Exhibit 2). Additionally, the overview page was not updated.			
Timeline for Conformance:	By the next surveillance audit, but no later than 12 monhts from report finalisation date		
Evidence Provided by	The BP has after the audit added values for last year and a forecast for		
Company to close NC:	the coming 12 months and updated the overview page (Exhibit 2b). The BP has also updated the overview section.		
Findings for Evaluation of	Auditor has reviewed the updated SBR and finds the corrective actions		
Evidence:	sufficient to close the non-conformity.		
NC Status:	Closed		



11 Certification decision

Based on the auditor's recommendation and the Certification Body's quality review, the following certification decision is taken:		
Certification decision: Certification approved		
Certification decision by (name of the person):	Ondrej Tarabus	
Date of decision:	04/Jan/2019	
Other comments:	N/A	