

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

www.sbp-cert.org



Completed in accordance with the CB Public Summary Report Template Version 1.0

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

Document history

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1 Overview

CB Name and contact: NEPCon OÜ. Filosoofi 31, 51009 Tartu, Estonia

Primary contact for SBP: Ondrej Tarabus, SBP Program Manager

Report completion date: 02/Mar/2018

Report authors: Christian Rahbek and Rebecka Mc Carthy

Certificate Holder: Rold Skov Savværk A/S

Producer contact for SBP: Benno Laursen
 Rold Skov Savværk A/S
 Viborgvej 930, DK-8471 Sabro, Denmark
 Phone: +45 99 40 40 60 email: bl@rolldskov.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

Indicate where the current audit fits within the certification cycle				
Main (Initial) Audit	First Surveillance Audit	Second Surveillance Audit	Third Surveillance Audit	Fourth Surveillance Audit
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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				<input type="checkbox"/>
Primary Activity:	Producer of wood chips				<input type="checkbox"/>
Input Material Categories:	<input type="checkbox"/> SBP-Compliant Primary Feedstock	<input checked="" type="checkbox"/> SBP-Compliant Secondary Feedstock			<input type="checkbox"/>
	<input checked="" type="checkbox"/> Controlled Feedstock	<input type="checkbox"/> SBP non-Compliant Feedstock			
	<input type="checkbox"/> SBP-Compliant Tertiary biomass	<input type="checkbox"/> Post-consumer Tertiary Feedstock			
	<input type="checkbox"/> SBP-approved Recycled Claim	<input type="checkbox"/> Post-consumer Tertiary Feedstock			
	<input checked="" type="checkbox"/> FSC	<input checked="" type="checkbox"/> PEFC	<input type="checkbox"/> SFI	<input type="checkbox"/> GGL	<input type="checkbox"/>

Chain of custody system implemented:	<input type="checkbox"/> Transfer	<input type="checkbox"/> Percentage	<input checked="" type="checkbox"/> Credit	<input type="checkbox"/>
Points of sales	<input type="checkbox"/> Harbour – Permanent storage (Storage site)	<input type="checkbox"/> Harbour – Temporally storage (Logistic site)	<input checked="" type="checkbox"/> Other point of sale (e.g. gate of the BP, boarder, railway station etc.)	<input type="checkbox"/>
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:	<input checked="" type="checkbox"/> Yes		<input type="checkbox"/> No	<input type="checkbox"/>
SBE Verification Program:	<input type="checkbox"/> Low risk sources only	<input type="checkbox"/> Sources with unspecified/ specified risk		<input type="checkbox"/>
	New districts approved for SBP-Compliant inputs:			
Sub-scopes				<input type="checkbox"/>
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

Verification of SBP-compliant Feedstock, SBP Standard 2, Version 1.0, March 2015

Chain of Custody, SBP Standard 4, Version 1.0, March 2015

Collection and Communication of Data, SBP Standard 5, Version 1.0, March 2015

Instruction-Document-5A-Collection-and-Communication-of-Data-v1-1-Oct16

Instruction-Document-5B-Energy-and-GHG-Data-v1-1-Oct16

Instruction-Document-5C-Static-Biomass-Profiling-v1-1-Oct16

<https://sbp-cert.org/documents>

4.2 SBP-endorsed Regional Risk Assessment

Not applicable

5 Description of Biomass Producer, Supply Base and Forest Management

5.1 Description of Biomass Producer

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, or 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 NEPCo, and have the PEFC CoC certificate number NC-PEFC/CO-029841 and FSC certificate number NC-COC-029841 and implements credit systems under both schemes.

Aktieselskabet Rold Skov Savværk utilize 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 is at the time of the main assessment a single combined heat and power plant.

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 or 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 from.

5.2 Description of Biomass Producer’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 consider all of Denmark as its supply base.

Rold Skov Savværk source most of its input materials from forest estates in Denmark and from 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).

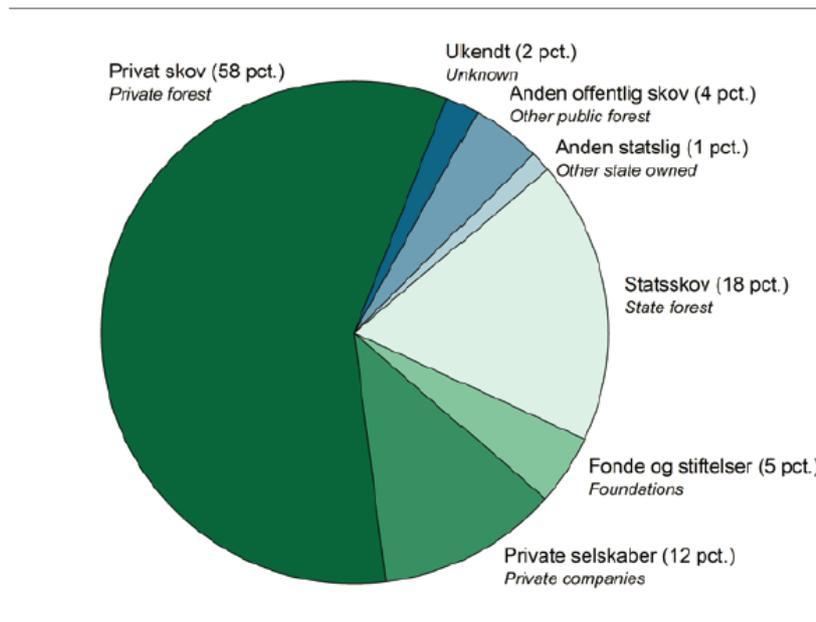


Figure 1 Forest ownership in Denmark (Nord-Larsen et. al (2016))

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 / hectare (Nord-Larsen et. al (2016)).

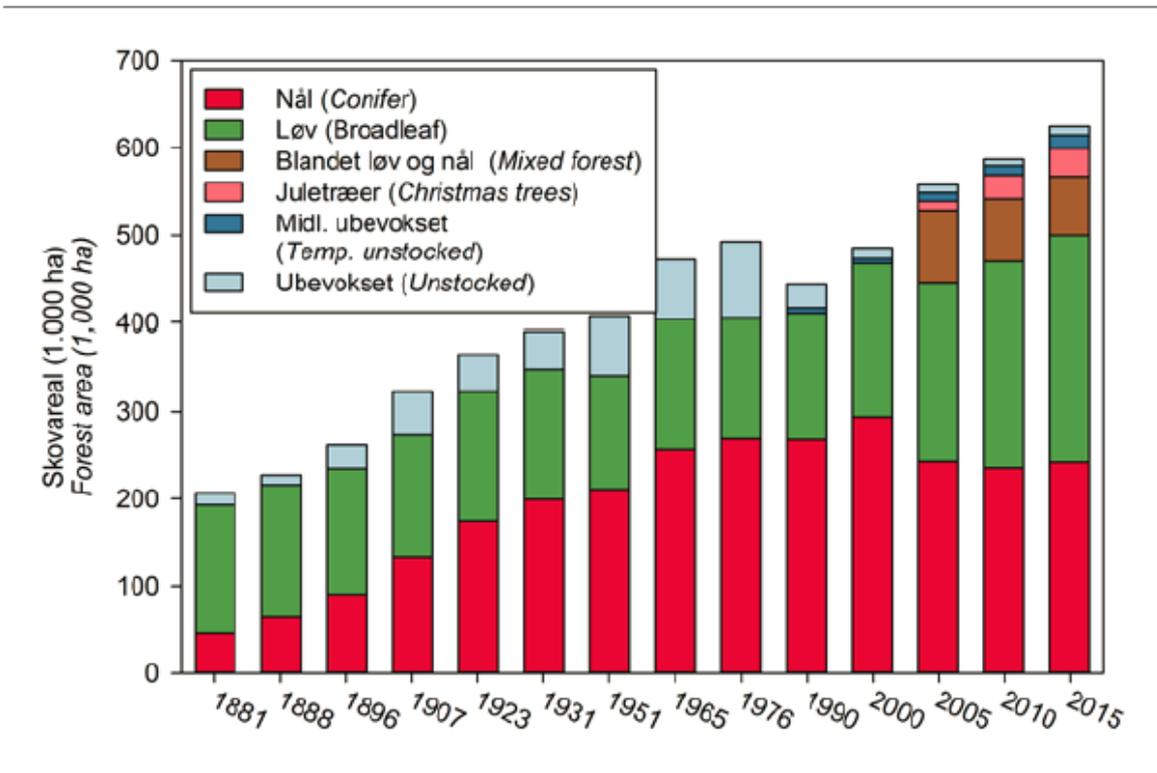


Figure 2: Denmark, land use and Type (Nord-Larsen et. al (2016))

Land use

Region

	Danmark	Capital	Central Jutland	Northern Jutland	Zealand	Southern Denmark (incl Funen)
	Hectar					
Total	624.782	49.673	219.106	112.317	99.709	143.977
Conifers	241.008	13.028	108.379	49.652	18.091	50.833
Broadleaves	258.807	27.727	65.373	35.894	64.879	66.163
Mixtures of conifers and broadleaves	67.721	6.166	22.043	20.270	8.596	10.480
Christmas trees	30.964	213	11.650	4.641	4.087	10.297
Temporarily unstocked	16.242	1.852	7.567	894	2.625	3.341
Unstocked	10.039	687	4.094	967	1.431	2.864

Table 1. Forest cover, land use in Denmark (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.

Driftsform <i>Management type</i>	Region <i>Region</i>					
	Danmark	Hovedstaden	Midtjylland	Nordjylland	Sjælland	Syddanmark
ha						
I alt <i>Total</i>	624.782	49.673	219.106	112.317	99.709	143.977
Ubevokset <i>Unstocked</i>	26.282	2.539	11.661	1.861	4.056	6.205
Ensaldrende, plantning <i>Evenaged, planted</i>	397.122	31.880	139.215	76.755	72.289	77.019
Ensaldrende, naturlig foryngelse <i>Evenaged, natural re- generation</i>	55.215	351	13.457	1.717	322	39.373
Uensaldret, drift <i>Unevenaged, operational</i>	61.470	9.014	21.561	7.894	15.321	7.971
Uensaldret, naturskov <i>Unevenaged, nature</i>	34.676	3.369	10.668	10.983	3.659	5.902
Gammel driftsform <i>Ancient management forms</i>	22.292	1.774	8.402	8.868	2.929	192
Værnskov <i>Protective forest</i>	4.938	-	1.418	2.076	-	1.397
Andet <i>Other</i>	18.951	111	11.067	1.936	24	5.688
Ukendt <i>Unknown</i>	3.837	635	1.658	228	1.110	231

Table 2: Forest management type, by area size and region (Nord-Larsen et. al (2016))

Socio-economic setting

A total of app. 75% of the forest area is under private ownership while 25% is managed by public organizations. There are many small forest owners (less than 20 ha), but the main part (more than 50%) of the forest area is owned by larger forest owner >250 ha (table 3).

	Danmark	Hovedstaden	Midtjylland	Nordjylland	Sjælland	Syddanmark
	<i>Antal / Number</i>					
I alt	24.142	862	2.339	2.529	5.800	8.966
<i>Total</i>	<i>5.748</i>	<i>289</i>	<i>518</i>	<i>529</i>	<i>1.700</i>	<i>1.834</i>
0,5-19,9 ha	21.570	772	2.073	2.314	5.263	7.881
	<i>4.200</i>	<i>239</i>	<i>329</i>	<i>375</i>	<i>1.409</i>	<i>1.171</i>
20,0-49,9 ha	1.335	55	63	103	328	602
	<i>639</i>	<i>28</i>	<i>16</i>	<i>55</i>	<i>146</i>	<i>323</i>
50,0-99,9 ha	579	15	61	50	111	253
	<i>330</i>	<i>5</i>	<i>36</i>	<i>41</i>	<i>65</i>	<i>139</i>
100,0-249,9 ha	365	8	62	37	59	126
	<i>296</i>	<i>5</i>	<i>58</i>	<i>35</i>	<i>43</i>	<i>101</i>
250,0-499,9 ha	145	2	38	15	19	53
	<i>139</i>	<i>2</i>	<i>37</i>	<i>13</i>	<i>19</i>	<i>50</i>
>500,0 ha	148	10	43	11	20	50
	<i>144</i>	<i>10</i>	<i>42</i>	<i>11</i>	<i>17</i>	<i>50</i>

Table 3: Number of forest estates distributed according to region and the size of the forest estate. The number of estates that has reported harvesting to Statistics Denmark are provided in italics (Nord Larsen et al. (2016)).

Total occupation within the forestry sector amount to 5.600 full time employees per year. If associated employment within the furniture and wood industry is included, the total amount of full time employees is 21.900 per year. However, a large part of raw material for the industry is imported and the percentage of employment related to Danish produced wood is unknown (Nord Larsen et al (2016)).

Redlist

The pan-European criteria for sustainable forest management include all species which depend on forest for a part of their lives. In our assessment we therefore include all species that have forests as one of their habitats. Of the species included in the Danish red list, more than half are associated with forests. Of the total number of species critically endangered in Denmark, 45% and 54%, respectively, are associated with forests.

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*) None of these species are red listed by CITES. For IUCN categories present in Denmark see figure 3 below:

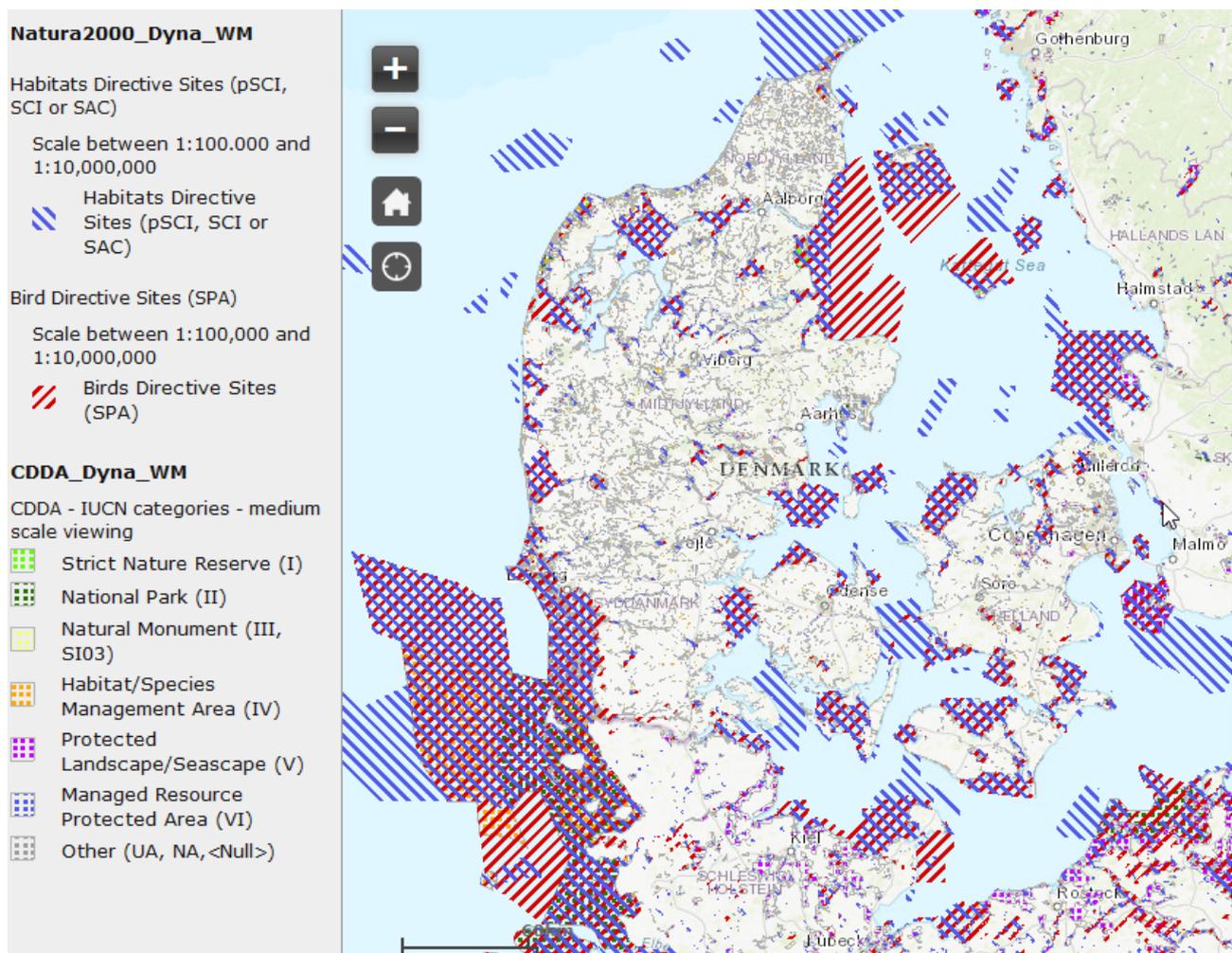


Figure 3: IUCN categories and locations in Denmark¹.

¹ <http://www.eea.europa.eu/data-and-maps/explore-interactive-maps/european-protected-areas-1>

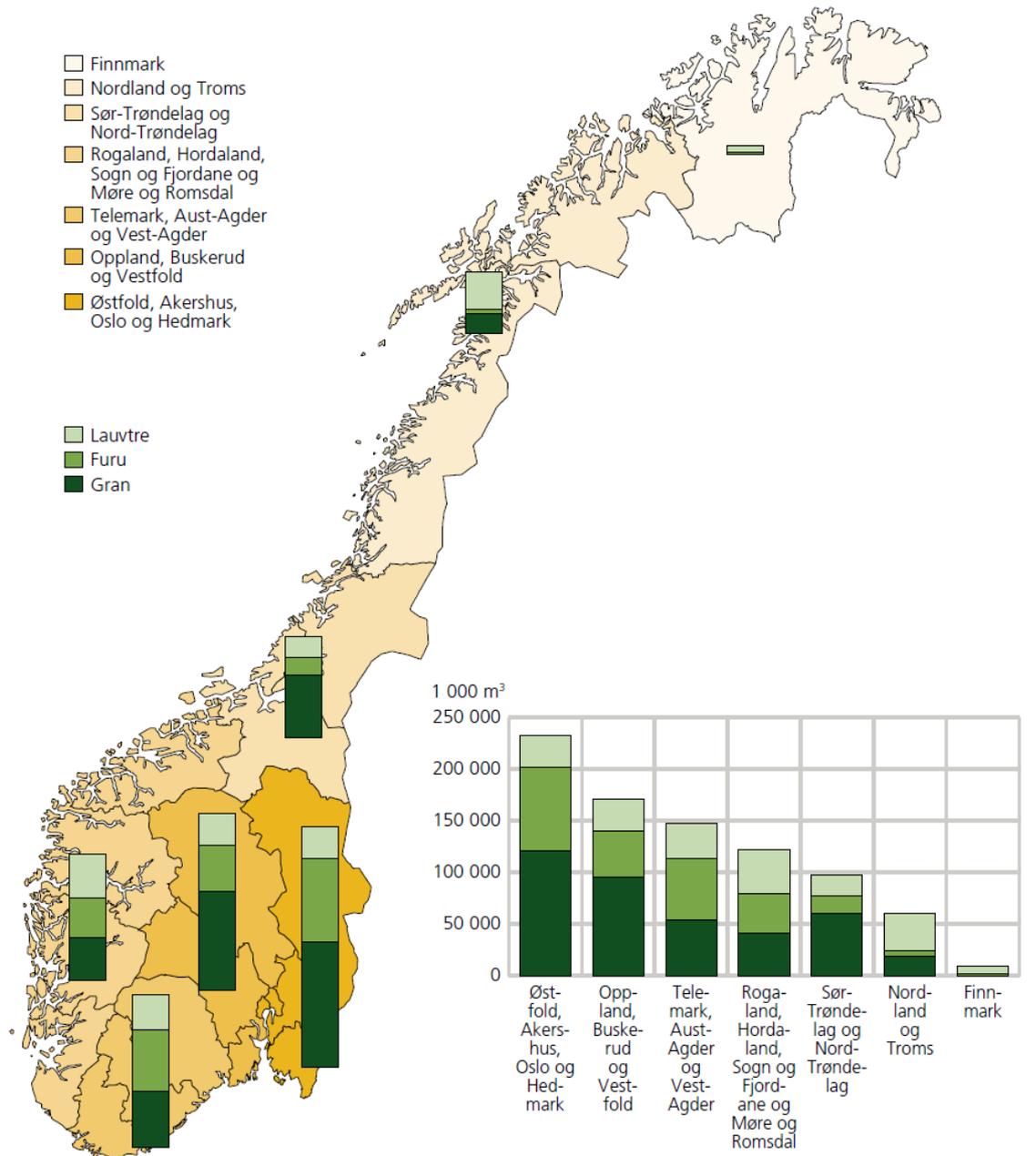
Supply base Norway

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).

Figur 3.1.4. Stående kubikkmasse under bork fordelt etter treslag og takserte regionar. 2011-2015. 1 000 m³



Kjelde: Norsk institutt for bioøkonomi, Landsskogtakseringa.

Figure 4: Forest regions and main species in Norway: Gran = *Picea* spp; Furu = *Pinus sylvestris*; Lauvtre = broadleaves

Management

Norwegian forest resource policies 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.

Socio-economic setting

Most of forests in Norway are owned by private individuals/families 72 % and the state only with 11 % (figure 5). Rold Skov Savværk source its material from one private company. From figure 6 it can be seen that there are many owners of smaller forests 25-249 Dekar (10 dekar = 1 ha).

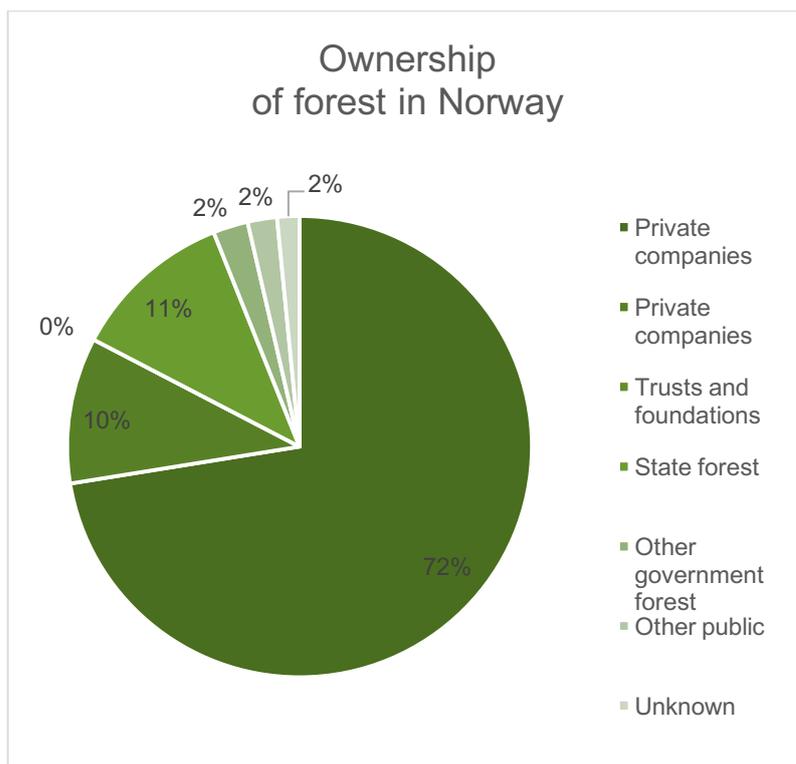
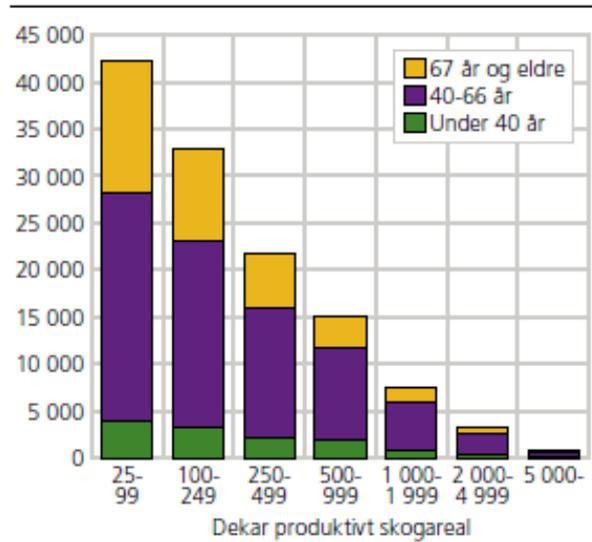


Figure 5: Forest ownership in Norway (Rognstad et al (2015))



Kjelde: Strukturstatistikk for skogbruket, Statistisk sentralbyrå.

Figure 6: Ownership and size of forests in Norway (Rognstad et al (2015))

Total occupation within the forestry sector amount to 6.400 full time employees per year in 2015 (Rognstad et. al, 2015). The forestry sector contributed in 2015 with 0,3 % of BNP, corresponding to 10,2 billion Nkr, of these 1,5 billion Nkr originated from export of Roundwood, the major forest export value coming from export of cellulose and paper with 5,6 billion Nkr.

Redlist

Cites species are present in Norway but do not include threatened softwood or deciduous species. Norway has a considerable number of IUCN categories, see figure 7.

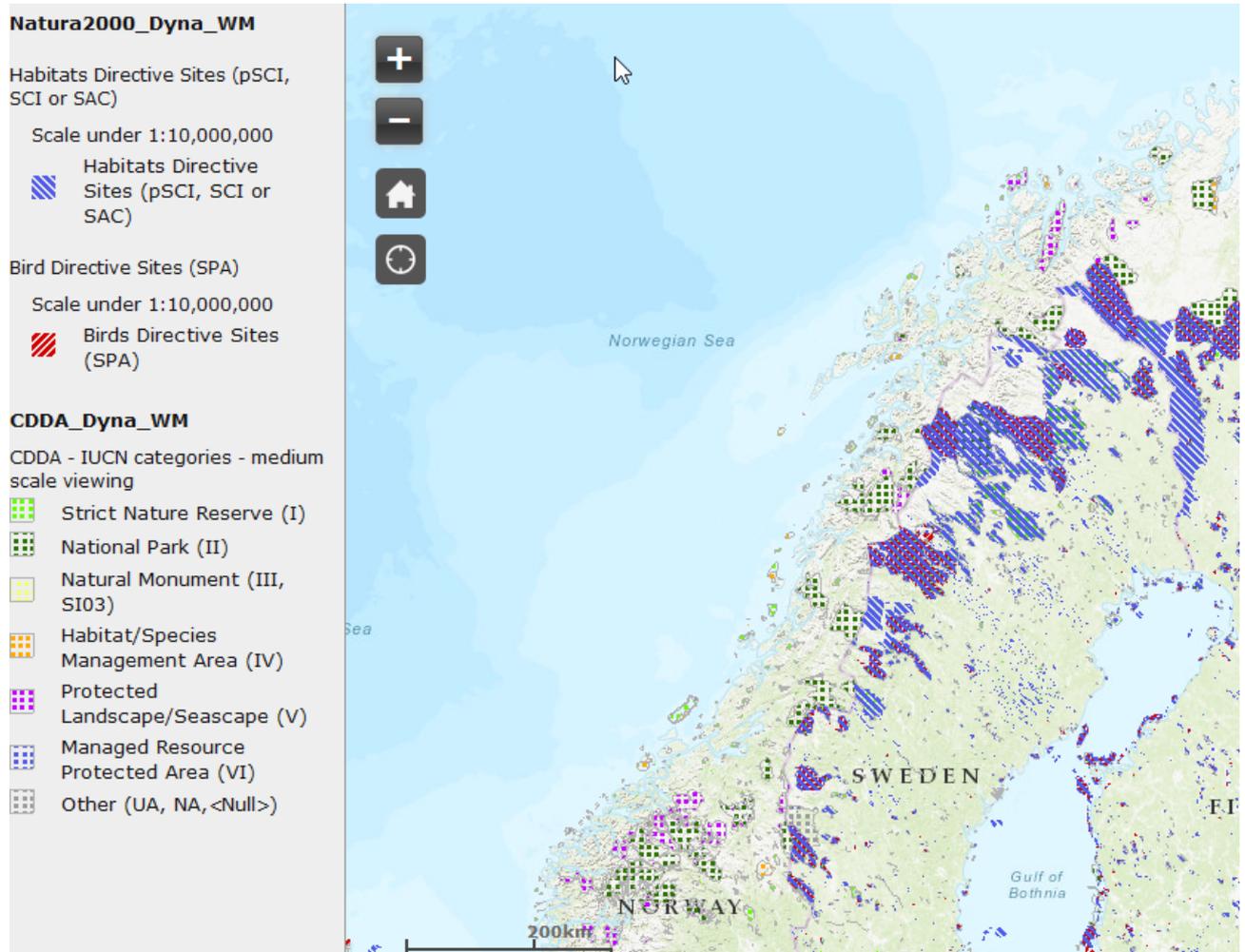


Figure 7: IUCN categories and locations in Norway²

In Norway, reported threats to any Red List species are not from forestry or farming practices. Land Use Change provides the greatest threat³, an example being construction activities. Norway is party to several international agreements that deal with the protection of threatened species and cover forestry and land management practices. The most important of these are the Convention on Biological Diversity, the Bern Convention, the CITES Convention and the Ramsar Convention.

From Norway Rold Skov Savværk import Sitka (*Picea sitchensis*).

² <http://www.eea.europa.eu/data-and-maps/explore-interactive-maps/european-protected-areas-1>

³ <http://www.biodiversity.no/Pages/230699>

Proportions of certified wood

Rold Skov Savværk purchase roundwood which has one of the following claims:

- FSC 100%,
- FSC Controlled Wood
- PEFC 100 % certified.
- In addition, Rold Skov Savværk purchase wood from suppliers if this 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, estimated proportions of certified primary feed stock

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

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 ha
 - Norway 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)
 - plantation 100 % (Norway)
- e. Certified forest by scheme (ha):
 - FSC⁴
 - 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.
 - PEFC⁵
 - 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 %
- i. 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
- l. Volume of secondary feedstock: 100 %
- m. Volume of tertiary feedstock: 0 %

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.

⁴ <https://ic.fsc.org/en/facts-and-figures>

⁵ <https://www.pefc.org/about-pefc/who-we-are/facts-a-figures>

5.4 Chain of Custody system

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

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 maintains FSC and PEFC credit product groups for Sawn timber products and for the co-products. The FSC and PEFC CoC system is the underlying CoC system for the SBP certification.

The BP is supplying the biproducts from the sawmills (fines/sawdust, bark) directly from the two sawmills via truck to the customer, which is at the time of the main assessment a single combined heat and power plant.

The BP will use 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.

At the time of the main assessment, the BP had an active CW system under the old FSC CW standard, but was in the process of transferring to the new version of the FSC Controlled Wood standard (FSC-STD-40-005 V3-1). The BP's control measures have been submitted to stakeholder process, and the audit after the new version of the standard will be carried out by NEPCo in January or February 2018.

6 Evaluation process

6.1 Timing of evaluation activities

The SBP assessment was carried out in the BP's main office in Sabro, Denmark, on December 4th, 2017.

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

The main assessment ended in the office, 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.

Monday, December 4, 2017

Time	Activity	Location	Responsible auditor
8.00 – 8.30	Opening Meeting. Introduction of participants. Review of the agenda.	Rold Skov Savværk Main office	Christian Rahbek
8.30 – 12.00	<p>The organization's presentation of:</p> <p>Brief presentation of the company: Number of employees, business activities, machinery, storage facilities and customers</p> <ul style="list-style-type: none"> • Supply Base Report, as well as any stakeholder comments <ul style="list-style-type: none"> ○ Description of the Supply Base ○ Stakeholder process and results • Documented procedures (Management system) <ul style="list-style-type: none"> ○ 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 	Rold Skov Savværk Main office	Christian Rahbek

	<ul style="list-style-type: none"> ○ 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 		
12.00 – 12.30	Break		Christian Rahbek
12.30 – 14.00	<p>Review of the traceability system</p> <p>Review of documentation: Material records, maps, purchase and sales documentation (interviews with relevant staff)</p> <p>Review of the system for the collection and reporting of energy and emissions data</p> <p>Review of procedures for sales documentation: SBP invoices, and transport documents, reporting of GHG and emissions data, used of the DTS system.</p>	<p>Rold Skov Savværk</p> <p>Main office and production and storage facilities.</p>	Christian Rahbek
14.00 – 16.00	<p>Review of system for collecting and transferring energy and emission data</p> <ul style="list-style-type: none"> • Reporting Period • Transportation Data • Registration of fuel consumption at production and in stock • "SAR" and Static Biomass Profiling Data 	<p>Rold Skov Savværk</p> <p>Main office</p>	Christian Rahbek
16.00 – 16.30	Review of procedures for using SBP logos and trademarks	<p>Rold Skov Savværk</p> <p>Main office</p>	Christian Rahbek
16.30 – 17.00	Closing meeting. Auditor summarizes conclusions.	<p>Rold Skov Savværk</p> <p>Main office</p>	Christian Rahbek

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 and with the BP's external consultant Mr. Anders Bjørnkjær-Nielsen. Additional interviews were carried out with the Sales Manger Mr Kurt Commerau. 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. Due to the activities at the site in Arden being limited to simple storage and loading of the produced co-product biomass, NEPCon accepted that on-site inspection at this facility is not necessary.

At the time of the main assessment, the BP had an active CW system under the old FSC CW standard, but was in the process of transferring to the new version of the FSC Controlled Wood standard (FSC-STD-40-005 V3-1). The BP’s control measures have been submitted to stakeholder process, and the audit after the new version of the standard will be carried out by NEPCon in January or February 2018.

Composition of audit team:

Auditor(s), roles	Qualifications
Christian Rahbek, Lead Auditor and Local expert	M.Sc. (Forestry) from University of Copenhagen. Has passed NEPCon Lead Auditor Training for FSC and PEFC FM and CoC certification. Experience from more than 200 FSC and PEFC CoC and FM audits in Denmark and Europe. Christian was approved as SBP Lead auditor in January 2017, and has lead several SBP assessments in Denmark.
Rebecka Mc Carthy, SBP auditor-in-training	M.Sc. and Ph. D. in forestry. Has passed NEPCon Lead Auditor Training for FSC and PEFC FM and CoC certification. Experience from FSC and PEFC CoC and FM audits in Denmark and Europe. Rebecka is under training as SBP Lead auditor and has participated in SBP audits in Denmark.

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.

The BP has not conducted a stakeholder consultation process, since the BP does not implement a Supply Base Evaluation, but only sources SBP-compliant feedstock and SBP-controlled feedstock.

The CB conducted a 30-day stakeholder notification process by e-mailing 24 stakeholders, which were largely the same as contacted by the BP. This process took place on the 3rd of November to 3rd of December 2017. By the time of the main assessment (December 4, 2017), no comments were received by the CB.

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 once implemented, there will be 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

7.3 Compilation of data on Greenhouse Gas emissions

Since all feedstock are 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 advance business diploma in accounting, and has experience from assisting in establishing a SBP management system for another BP. 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 once implemented, the relative simple scope of this SBP certification will require little regular maintenance.

7.5 Stakeholder feedback

Neither the CB or BP have received any stakeholder feedback as result of the stakeholder process.

7.6 Preconditions

See NCR section.

8 Review of Biomass Producer's Risk Assessments

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

9 Review of Biomass Producer's mitigation measures

Not applicable.

10 Non-conformities and observations

NCR: 01/17	NC Classification: PRE-CONDITION	
Standard & Requirement:	SBP Standard 2, requirement 7.1 Appendix D	
Description of Non-conformance and Related Evidence:		
The BP has established procedures for preparing and publishing a Supply Base Report (SBR). The BP does not implement an SBE. The SBR was not accessible on the BP's website in Danish and English at the time of the main assessment. See exhibit 1 (Management system) and 2 (SBR). This is a precondition for certification.		
Corrective action request:	Organization shall implement corrective actions to demonstrate conformance with the requirement(s) referenced above. Note: Effective corrective actions focus on addressing the specific occurrence described in evidence above, as well as the root cause to eliminate and prevent recurrence of the non-conformance.	
Timeline for Conformance:	Prior to certification	
Evidence Provided by Organisation:	The BP has made its SBR available in Danish and English at its website at https://www.roldskov.dk/certificeringer/sbp-certificering	
Findings for Evaluation of Evidence:	Auditor has verified the links provided, and have found that they provided access to the SBR in English and Danish as claimed. The NCR is closed on this background.	
NCR Status:	CLOSED	
Is the non-conformity likely to impact upon the integrity of the affected SBP-certified products and the credibility of the SBP trademarks?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

NCR: 02/17	NC Classification: PRE-CONDITION	
Standard & Requirement:	SBP Standard 5, Instruction Note 5A Appendix D	
Description of Non-conformance and Related Evidence:		
The BP has prepared a SAR and is aware that the SAR must be approved by both the CB and SBP prior to forwarding it to SBP customers. The auditor found that the SAR was filled- incompletely as intended, SDIs where missing and some justifications where incomplete.		
Corrective action request:	Organization shall implement corrective actions to demonstrate conformance with the requirement(s) referenced above. Note: Effective corrective actions focus on addressing the specific occurrence described in evidence above, as well as the root cause to eliminate and prevent recurrence of the non-conformance.	
Timeline for Conformance:	Prior to certification	
Evidence Provided by Organisation:	The BP has submitted a complete and correct SAR to the auditor shortly after the audit. See Exhibit 6	
Findings for Evaluation of Evidence:	Auditor has reviewed the SAR submitted by the BP and has found it to be correct and complete. The NCR is closed on this background.	
NCR Status:	CLOSED	

Is the non-conformity likely to impact upon the integrity of the affected SBP-certified products and the credibility of the SBP trademarks?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
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NCR: 03/17	NC Classification: PRE-CONDITION
Standard & Requirement:	SBP Standard 5, 19.2 Appendix D
Description of Non-conformance and Related Evidence:	
The SBR provided to auditor had not been signed off by the Feedstock Purchasing Manager Mr. Benno Laursen, nor the consultant Anders Bjørnkjær-Nielsen.	
Corrective action request:	Organization shall implement corrective actions to demonstrate conformance with the requirement(s) referenced above. Note: Effective corrective actions focus on addressing the specific occurrence described in evidence above, as well as the root cause to eliminate and prevent recurrence of the non-conformance.
Timeline for Conformance:	Prior to certification
Evidence Provided by Organisation:	A new SBR had been provided to NEPCon, which has been signed off by the Feedstock Purchasing Manager Mr. Benno Laursen, and the consultant Anders Bjørnkjær-Nielsen.
Findings for Evaluation of Evidence:	Auditor has reviewed the SBR submitted by the BP and has found it to be correct and complete. The NCR is closed on this background.
NCR Status:	CLOSED
Is the non-conformity likely to impact upon the integrity of the affected SBP-certified products and the credibility of the SBP trademarks?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

NCR: 04/17	NC Classification: Minor
Standard & Requirement:	SBP Standard 2 – Instruction Note 2C, 4.1 Appendix A
Description of Non-conformance and Related Evidence:	
In the SBR provided to NEPCon, the information about the forest by type (Temperate for Norway) and forest by management (Managed natural) was incorrect for stands from which the feedstock originates. A new SBR had been provided to NEPCon, in which the information about the forest by type (Boreal for Norway) and forest by management (Planted stands for Denmark, Plantation for Norway) for stands from which the feedstock originates has been updated. See exhibit 2 (SBR) Auditor has reviewed the SBR submitted by the BP and has found it to be correct and complete. The NCR is closed on this background.	
Corrective action request:	Organization shall implement corrective actions to demonstrate conformance with the requirement(s) referenced above. Note: Effective corrective actions focus on addressing the specific occurrence described in evidence above, as well as the root cause to eliminate and prevent recurrence of the non-conformance.
Timeline for Conformance:	Prior to next annual audit, but no later than 12 months

Evidence Provided by Organisation:	A new SBR had been provided to NEPCon, in which the information about the forest by type (Boreal for Norway) and forest by management (Planted stands for Denmark, Plantation for Norway) for stands from which the feedstock originates has been updated. See exhibit 2 (SBR)	
Findings for Evaluation of Evidence:	Auditor has reviewed the SBR submitted by the BP and has found it to be correct and complete. The NCR is closed on this background.	
NCR Status:	CLOSED	
Is the non-conformity likely to impact upon the integrity of the affected SBP-certified products and the credibility of the SBP trademarks?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

OBS: 01/17	Standard & Requirement:	SBP Standard # 4 requirement 5.3.2
	Report Section	Appendix B
Description of findings leading to observation:	All materials sourced to the sawmills that is not already 100% PEFC certified or FSC 100% certified in sourced either as FSC Controlled Wood or under the BPs own evaluation of Controlled wood. At the time of the audit, the BP was in the process of transitioning from version 2-1 to version 3-1 of the FSC controlled Wood standard.	
Observation:	The BP should be aware that if the transition to the new FSC CW standard is not fully implemented by March 31 at the latest, the BP shall either source only FSC Controlled Wood or implement physical segregation between material for Credit product groups and non-certified materials.	

OBS: 02/17	Standard & Requirement:	Standard 2, Instruction Note 2C, Requirement 3.1
	Report Section	Appendix B
Description of findings leading to observation:	The BP is aware that the SBR, including SBE, must be submitted to SBP no later than 90 days after the on-site closing meeting with the CB. However, the BP doesn't have a procedure on how to send the SBR to SBP within 90 days.	
Observation:	The BP should address this requirement to avoid a future NCR.	

11 Certification decision

Based on Organisation's conformance with SBP requirements, the auditor makes the following recommendation:	
<input checked="" type="checkbox"/>	Certification approved: Upon acceptance of NCR(s) issued above
<input type="checkbox"/>	Certification not approved:
Based on auditor's recommendation and NEPCon quality review following certification decision is taken:	
NEPCon certification decision: The Biomass Producer has been certified by NEPCon as meeting the requirements of the specified SBP Standard, the certificate can be issued immediately after NEPCon will obtain the approval from SBP technical committee. The expiration of the certificate will be then 5 years.	
Certification decision by: Nikolai Tochilov	
Date of decision: 02/03/2018	
Next surveillance audit should take place:	<input checked="" type="checkbox"/> within 12 months <input type="checkbox"/> more frequently (please specify)

12 Surveillance updates

12.1 to 12.7 are not applicable since this evaluation was a main assessment and not an annual surveillance.

12.1 Evaluation details

Not applicable

12.2 Significant changes

Not applicable

12.3 Follow-up on outstanding non-conformities

Not applicable

12.4 New non-conformities

Not applicable

12.5 Stakeholder feedback

Not applicable

12.6 Conditions for continuing certification

Not applicable

12.7 Certification recommendation

Not applicable

13 Evaluation details

Primary Responsible Person: (Responsible for control system at site(s))	Benno Laursen, Feedstock Purchasing Manager
Auditor(s):	Christian Rahbek, Lead auditor Rebecka Mc Carthy, auditor-in-training
People Interviewed, Titles:	Benno Laursen, Feedstock Manager Anders Bjørnkjær-Nielsen, External Consultant Kurt Commerau, Sales Manager
Brief Overview of Audit Process for this Location:	Please see the audit overview in section 6.1
Comments:	