



Supply Base Report: Norsk Biobrensel AS

Fourth Surveillance Audit

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Completed in accordance with the Supply Base 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

Document history

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Contents

- 1 Overview**
 - 2 Description of the Supply Base**
 - 2.1 General description
 - 2.2 Description of countries included in the Supply Base
 - 2.3 Actions taken to promote certification amongst feedstock supplier
 - 2.4 Quantification of the Supply Base
 - 3 Requirement for a Supply Base Evaluation**
 - 4 Supply Base Evaluation**
 - 4.1 Scope
 - 4.2 Justification
 - 4.3 Results of risk assessment and Supplier Verification Programme
 - 4.4 Conclusion
 - 5 Supply Base Evaluation process**
 - 6 Stakeholder consultation**
 - 6.1 Response to stakeholder comments
 - 7 Mitigation measures**
 - 7.1 Mitigation measures
 - 7.2 Monitoring and outcomes
 - 8 Detailed findings for indicators**
 - 9 Review of report**
 - 9.1 Peer review
 - 9.2 Public or additional reviews
 - 10 Approval of report**
- Annex 1: Detailed findings for Supply Base Evaluation indicators**

1 Overview

Producer name: Norsk Biobrensel AS

Producer address: Mjåvannsvegen 118, 4628 Kristiansand, Norway

SBP Certificate Code: SBP-05-05

Geographic position: 58.139310, 7.870530

Primary contact: Frank Romsvig, N/A, frank@neg.no

Company website: www.norbio.no

Date report finalised: 28 Feb 2021

Close of last CB audit: 12 Feb 2021

Name of CB: DNV GL Business Assurance Finland Oy Ab

SBP Standard(s) used: SBP Standard 4: Chain of Custody, SBP Standard 2: Verification of SBP-compliant Feedstock, SBP Standard 5: Collection and Communication of Data Instruction

Weblink to Standard(s) used: <https://sbp-cert.org/documents/standards-documents/standards>

SBP Endorsed Regional Risk Assessment: N/A

Weblink to SBR on Company website: www.norbio.no

Indicate how the current evaluation fits within the cycle of Supply Base Evaluations

Main (Initial) Evaluation	First Surveillance	Second Surveillance	Third Surveillance	Fourth Surveillance	Re-assessment
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

2 Description of the Supply Base

2.1 General description

Feedstock types: Primary

Includes Supply Base evaluation (SBE): No

Feedstock origin (countries): Norway

2.2 Description of countries included in the Supply Base

Country:Norway

Area/Region: Agder, Østfold, Trøndelag, Vestland, Vestfold, Telemark, Innlandet, Troms, Finnmark, Viken, Oslo, Rogaland, Norland

Exclusions: No

Of Norway's surface, 37% is covered by forest. Approximately 50% of this is considered productive area. The main distribution of species in Norway:

Forrest	Volume	Increment		Felling	
	(mill m ³)	D.	D.		
Spruce	273	47%	10,5	54%	7,0
Pine	188	32%	4,8	25%	2,1
Other leaf	123	21%	4,1	21%	1,1
TOTAL	584	100%	19,5	100%	10,2

The main sourcing areas for Norsk Biobrensel are Agder and Telemark.

In Norway, 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.

CITES species are present in Norway but do not include any threatened softwood or deciduous (broadleaf species) trees.

Protected areas in Norway:

National parks: 29. Total area: 27,756,000 ha.

Landscape protection areas: 174. Total area: 15,093,000 ha.

Nature reserves: 1,790. Total area: 4,193,000 ha.

Nature monuments: 103. Total area: 2,000 ha.

Other protection areas: 118. Total area: 126,000 ha.

As part of the forest management planning for on the scale of a forest management unit, also valuable key biotopes are identified and mapped according to Norwegian methodology. The key biotopes are either fully protected or their maintenance secured through other measures specified in the forest management plan.

Reforestation: The planting of forest trees intended for the production of timber. The plants are generated in nurseries. In Norway, it is normal to plant spruce, usually 1-2 years after felling. In some cases, broadleaved trees are planted when the conditions are suitable, for example birch. Pine grows normally after natural regeneration of seed trees remaining on the field after final felling.

The silviculture practises include regeneration, either by natural regeneration or planting, followed by nursing, 1-2 thinnings and final harvest. The final harvest is done on smaller size harvesting plots taking due account of nature values, landscape values and social values, which is monitored before and after harvest. Mostly, the forest operations are performed by contractors.

Productive forest area (km²): Østfold 2292, Agder 5832, Trøndelag 9968, Vestland 4974, Vestfold og Telemark 6210, Innlandet 19842, Troms og Finnmark 3948, Viken og Oslo 11005, Rogaland 1205, Norland 4611

2.3 Actions taken to promote certification amongst feedstock supplier

The action is that Norsk Biobrensel is only sourcing PEFC certified feedstock from PEFC certified feedstock suppliers according to our own COC certification. A very high percentage of the Norwegian forests are PEFC certified.

2.4 Quantification of the Supply Base

Supply Base

- a. **Total Supply Base area (million ha):** 10,60
- b. **Tenure by type (million ha):**8.20 (Privately owned), 2.40 (Public)
- c. **Forest by type (million ha):**10.60 (Boreal)
- d. **Forest by management type (million ha):**10.60 (Managed natural)
- e. **Certified forest by scheme (million ha):**7.30 (PEFC), 0.60 (FSC)

Describe the harvesting type which best describes how your material is sourced: Mix of the above

Explanation: N/A

Was the forest in the Supply Base managed for a purpose other than for energy markets? Yes - Majority

Explanation: N/A

For the forests in the Supply Base, is there an intention to retain, restock or encourage natural regeneration within 5 years of felling? Yes - Majority

Explanation: N/A

Was the feedstock used in the biomass removed from a forest as part of a pest/disease control measure or a salvage operation? No

Explanation: N/A

Feedstock

Reporting period from: 01 Jan 2020

Reporting period to: 31 Dec 2020

- a. **Total volume of Feedstock:** 1-200,000 m3
- b. **Volume of primary feedstock:** 1-200,000 m3
- c. **List percentage of primary feedstock, by the following categories.**
 - Certified to an SBP-approved Forest Management Scheme: 80% - 100%
 - Not certified to an SBP-approved Forest Management Scheme: 0%
- d. **List of all the species in primary feedstock, including scientific name:** Picea abies (Spruce (norwegian: gran)); Pinus sylvestris (Pine (norwegian: furu)); Populus spp (Large-tooth Aspen

(norwegian: poppel)); Populus tremula (Common aspen (norwegian: osp)); Betula spp (Birch (norwegian: bjørk)); Fraxinus excelsior (Ash (norwegian: ask)); Quercus spp (Oak (norwegian: eik)); Fagus sylvatica (Beech (norwegian: bøk)); Alnus glutinosa (Black Alder (norwegian: svartor)); Alnus incana (Grey Alder (norwegian: gråor)); Picea sitchensis (Sitka spruce (norwegian: sitka gran));

- e. Is any of the feedstock used likely to have come from protected or threatened species?** No
- Name of species: N/A
 - Biomass proportion, by weight, that is likely to be composed of that species (%): N/A
- f. Hardwood (i.e. broadleaf trees): specify proportion of biomass from (%):** 70,00
- g. Softwood (i.e. coniferous trees): specify proportion of biomass from (%):** 30,00
- h. Proportion of biomass composed of or derived from saw logs (%):** 0,00
- i. Specify the local regulations or industry standards that define saw logs:** Industrial defined standards
- j. Roundwood from final fellings from forests with > 40 yr rotation times - Average % volume of fellings delivered to BP (%):** 50,00
- k. Volume of primary feedstock from primary forest:** 0 m³
- l. List percentage of primary feedstock from primary forest, by the following categories. Subdivide by SBP-approved Forest Management Schemes:**
- Primary feedstock from primary forest certified to an SBP-approved Forest Management Scheme: 80% - 100%
 - Primary feedstock from primary forest not certified to an SBP-approved Forest Management Scheme: 0%
- m. Volume of secondary feedstock:** 0 N/A
- Physical form of the feedstock: N/A
- n. Volume of tertiary feedstock:** 0 N/A
- Physical form of the feedstock: N/A

Proportion of feedstock sourced per type of claim during the reporting period

Feedstock type	Sourced by using Supply Base Evaluation (SBE) %	FSC %	PEFC %	SFI %
Primary	0,00	0,00	100,00	0,00
Secondary	0,00	0,00	0,00	0,00
Tertiary	0,00	0,00	0,00	0,00
Other	0,00	0,00	0,00	0,00

3 Requirement for a Supply Base Evaluation

Is Supply Base Evaluation (SBE) is completed? No

N/A

4 Supply Base Evaluation

4.1 Scope

Feedstock types included in SBE: N/A

SBP-endorsed Regional Risk Assessments used: N/A

List of countries and regions included in the SBE:

Country: N/A

Indicator with specified risk in the risk assessment used:
N/A

Specific risk description:

4.2 Justification

N/A

4.3 Results of risk assessment and Supplier Verification Programme

N/A

4.4 Conclusion

N/A

5 Supply Base Evaluation process

N/A

6 Stakeholder consultation

N/A

6.1 Response to stakeholder comments

N/A

7 Mitigation measures

7.1 Mitigation measures

N/A

7.2 Monitoring and outcomes

N/A

8 Detailed findings for indicators

Detailed findings for each Indicator are given in Annex 1 in case the Regional Risk Assessment (RRA) is not used.

Is RRA used? N/A

9 Review of report

9.1 Peer review

N/A

9.2 Public or additional reviews

N/A

10 Approval of report

Approval of Supply Base Report by senior management			
Report Prepared by:	Frank Romsvig	CFO	28 Feb 2021
	Name	Title	Date
<p>The undersigned persons confirm that I/we are members of the organisation's senior management and do hereby affirm that the contents of this evaluation report were duly acknowledged by senior management as being accurate prior to approval and finalisation of the report.</p>			
Report approved by:	Ole Kristian Hodnemyr	CEO	28 Feb 2021
	Name	Title	Date
Report approved by:	Erling Ryger	Production Manager	28 Feb 2021
	Name	Title	Date

Annex 1: Detailed findings for Supply Base Evaluation indicators

N/A