



Supply Base Report: **GLHU Klichevski Ieshoz**

First 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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1 Overview

Producer name: GLHU Klichevski Ieshoz

Producer address: Leninskaya 45, Mogilev region, 213900 Klichev, Belarus

SBP Certificate Code: SBP-08-07

Geographic position: 53.488900, 29.359600

Primary contact: Anastasiya Shahoika, +375 223 651 553, klichevforest@mail.ru

Company website: <http://klichevforest.by>

Date report finalised: 11 Jun 2021

Close of last CB audit: 30 Jun 2021

Name of CB: NEPCon OÜ

SBP Standard(s) used: SBP Standard 2: Verification of SBP-compliant Feedstock, SBP Standard 4: Chain of Custody, SBP Standard 5: Collection and Communication of Data Instruction, Instruction Document 5E: Collection and Communication of Energy and Carbon Data 1.4

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: <https://klichevforest.by/about/sertifikaciya/>

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
☐	☒	☐	☐	☐	☐

2 Description of the Supply Base

2.1 General description

Feedstock types: Secondary

Includes Supply Base evaluation (SBE): No

Feedstock origin (countries): Belarus

2.2 Description of countries included in the Supply Base

Country: Belarus

Area/Region: Mogilev region

Exclusions: No

Klichevski leshoz is a state forestry institution that manages the forest fund and has its own sawmill plant, and since 2020, a new production of fuel wood pellets. The production of fuel pellets is located at the sawmill in Klichev, Mogilev region, Republic of Belarus. For the production of SBP-compliant biomass, the Klichevski leshoz uses only SBP-compliant Secondary Feedstock (wood chips (obtained by chopping up wood waste residuals from its own sawmill (slabs and edgings)); also sawdust, shavings from own sawmill are use. Raw materials to the sawmill plant come only from its own forest fund of Klichevski leshoz, all wood raw materials have FSC 100%.

As the Supply Base, the Klichevski leshoz has got the area of its own forest fund of the Klichevski leshoz, since the area and structure of the forest fund make it possible to fully supply raw materials for its own sawmill plant, including a sawmill and pellet production.

All forestry operations are based on the data of the forest management plan, which was compiled for the period 10 years and is subject to revision every 10 years in the process of standlevel forest management inventory by employees of state forest inventory service RUE "Belgosles". The volume and structure of designated forestry activities and final harvesting is regulated in the materials of the forest management plan.

Among the animals included in the Red Book of Belarus in the territory of Klichevsky leskhoz have Black stork, gray crane, bear's bow, European lynx, lesser spotted eagle, tuberous toothbrush, oval cormorant, Lubka greenflower, Nekker pinnate, tall fescue.

In the territory of Klichevsky leskhoz inhabit Black Stork (*Ciconia nigra*), Common Crane (*Grus grus*), Lesser spotted eagle (*Aquila pomarine*), which are endangered according to CITES (Convention on International Trade in Endangered Species of Wild Fauna and Flora) and are included in The IUCN Red List. Great importance is given to the preservation of rare and endangered species of plants and animals in the leskhoz. For each species of these plants and animals there are protection obligations. Data on rare species is recorded in passports of rounds indicating their habitat. The leskhoz implements all necessary measures to ensure the conservation of rare and endangered species of plants and animals.

The forest inventory plan (valid until 2026) has been expertised both within the Ministry of Forestry and other organizations, including divisions of the Ministry of Natural Resources and Environmental Protection, etc.

Thus, the supply base is forest fund Klichevski leshoz, and it is located in the southwestern part of the Mogilev region in the Klichevski and Kirovski administrative regions. The area of the forest fund managed by the Klichevski leshoz of Mogilev State Forestry Board is 108.8 thousand ha, including 97.6 thousand ha covered by forest. The forestry includes 10 forestries (lesnichestva), a woodworking workshop, a forest nursery. The number of employees in Klichevski leshoz is than 370 people.

Table - Distribution of forest area Klichevski leshoz in accordance with their environmental, economic and social significance

Total area, ha	Distribution of forests depending to their functions			
	environmental forests	recreational forests	protective forests	forests of commercial use
108851		25801,2	1131,8	22666,3
				59251,7

Coniferous forest stands dominate in the forest fund, including pine and spruce forests; birch, alder, linden, aspen, and oak forest stands also grow in the forest fund, and hardwood stands (oak, ash, maple, elm) are less represented. The average age of forest stands is 59 years. The total growing stock of ripening and ripe forest stands is 11201,73 thousand m³. The estimated harvesting fund (for the whole Klichevsky leshoz) is 213.9 thousand m³.

On the territory of the forest fund there are specially protected natural territories for which there are relevant conservation documents issued in accordance with the national legislation. The protection regime of these forest territories is set in accordance with the requirements of the security documents.

Forest certification is an effective tool to combat illegal logging and timber trafficking. The forest management system and supply chain of the Klichevski leshoz is certified according to the requirements of the International Forest Stewardship Council (FSC) scheme, as well as the requirements of the International PEFC.

Total volume of harvested timber

Harvesting of wood	2018	2019	2020			
Republic of Belarus	Klichevsky leshoz	Republic of Belarus	Klichevsky leshoz	Republic of Belarus	Klichevsky leshoz	
Mechanized harvesting, mln. m ³	9,2	0,1935	9,6	0,2367	9,5	0,2622
Total amount, mln. m ³	19,5	0,379	20,9	0,3966	21,2	0,39516

Wood processing

Wood processing	2018	2019	2020			
Republic of Belarus	Klichevsky leskhoz	Republic of Belarus	Klichevsky leskhoz	Republic of Belarus	Klichevsky leskhoz	
Low-quality timber, million m3	2,7	0,01297	2,6	0,0136	3,2	0,0117
Industrial wood, million m3	2,2	0,0427	2,8	0,0461	2,7	0,0506
Total amount, mln. m3	4,9	0,05569	5,5	0,0597	5,95	0,0624

2.3 Actions taken to promote certification amongst feedstock supplier

Klichevski leshoz is a state forest management institution who manages state forests. The area of the forest fund managed by the Klichevski leshoz of Mogilev State Forestry Board is 108.851 thousand ha, including 97.6 thousand ha covered by forest.

In April 2020 the construction of a new pellet plant was finished at the same production site where sawmill plant of leshoz already works. Newly constructed pellet plant uses sawmill residues from their sawmill: chips, sawdust, shavings from own sawmill.

Klichevski leshoz (biomass producer, BP) is one of the oldest and biggest forest management institution in Belarus, has than 370 staff members. The Klichevski leshoz holds valid FSC FM/CoC certificate covering round wood, firewood, sawmill and biomass products (sawmill products, chips, pellets), and for certified biomass production uses FSC 100%-certified secondary feedstock (chips, sawdust, edgings from own sawmill are use). All feedstock is from organisation's own sawmill plant, the round wood for sawmill production comes from the forest of Klichevski leshoz (wood is not purchased from external suppliers). Feedstock is moved from sawmill to production site of pellet plant by frontal loader of the leshoz. Biomass will be delivered to the customer by means of railway service (railway wagons). Occasionally the deliveries can be made by the trucks (however it is not common mean of deliveries for export, but more typical transport for the internal market).

2.4 Quantification of the Supply Base

Supply Base

- Total Supply Base area (million ha): 0,11
- Tenure by type (million ha):0.11 (Public)
- Forest by type (million ha):0.11 (Temperate)
- Forest by management type (million ha):0.11 (Natural)
- Certified forest by scheme (million ha):0.11 (FSC), 0.11 (PEFC)

Describe the harvesting type which best describes how your material is sourced: Other

Explanation: Forest harvesting is subdivided into primary use cuttings, intermediate use cuttings, and other cuttings. The following harvesting methods and types of harvesting shall be classified as clearcuts: clearcuts (clear-cutting); gradual cuttings (even-stage, group-stage, band-stage, and long-stage); and selective cuttings (voluntary selective cuttings). The cuttings of the intermediate use include the following types of cuttings: forest maintenance cuttings (clarifying, clearing, thinning, through cuttings); selective sanitary cuttings; reconstruction cuttings; renewal cuttings; cuttings of forest plantations formation (reshaping). In 2020 the Klichevski leshoz during the primary use cuttings was 237,7 thousand m³ of wood, of which 167,7 thousand m³ of wood from clearcuts and 70,0 thousand m³ of wood from nonclearcuts; during the intermediate use cuttings was 96 thousand m³ of wood and during the other cutting was 81,4 thousand m³ of wood. At the moment during the year 2021 the Klichevski leshoz during the primary use cuttings was 55,6 thousand m³ of wood, of which 39,1 thousand m³ of wood was clearcuts and 16,5 thousand m³ of wood was non-clear cuts; during the intermediate use cuttings was 34,6 thousand m³ of wood and during the other cutting was 17,6 thousand m³ of wood. Roundwood is used for the production of lumber products, while sawmill residues (sawdust, wood chips from slabs and edgings) are used for the production of pellets.

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

Explanation: In Belarus, the forest industry consists of forestry (13.5% of all products), wood processing (69.5% of all products), pulp and paper (16.4% of all products) sectors. Ministry of Forestry manages the sector. The Klichevski leshoz includes 10 forestries (lesnichestva), a forest nursery, also woodworking workshop where roundwood of their own production is processed. Klichevsky leshkhov produces unedged and edged lumber from various species of wood. Production and sale of sawn timber is the main activity of the Klichevsky leshkhov, which has been operating for many decades. In April 2020 the construction of a new pellet plant was finished at the same production site where sawmill plant of leshoz already works. Pellets are sold mainly to Europe. During the reporting period the pellet plant gradually reaches the production capacity of the plant.

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: Reforestation on the lands of a forest fund suitable for forestry conditions of the forest crops creation is carried out within three years from the date of signing of the forest survey certificate according to the Forest Code of the Republic of Belarus. The forecast for reforestation and forestry is 36.1 thousand hectares including the creation of forest crops with selective sowing and planting material is 16.5 thousand hectares. Creation of hardwood forest crops in the total amount of reforestation and forestry is 2.6 thousand hectares, introduction of young forest growth into the category of valuable tree plantations is 25.1 thousand hectares, care cuttings in young forest growth (lightening, cleaning) is 53.9 thousand hectares, construction of forestry roads is 115.3 km according to the Decree of the Ministry of Economy of the Republic of Belarus "On Estimated Balance Indicators of the Forecast of Socio-Economic Development of the Republic of Belarus for 2021". For the 2020 year Klichevski leshoz carried out the following actions: cutting of young growth was 604 ha, forest thinning was 1813,2 ha, clear-cutting was 151,5 ha, debris removal was 817,9 ha, reforestation was 429,7 ha. For the 2021 year Klichevski leshoz carried out the following actions: cutting of young growth was 62.6 ha, forest thinning was 538.4 ha, clear-cutting was 15.9 ha, debris removal was 573.1 ha, reforestation was 371 ha, afforestation was 16.5 ha.

Was the feedstock used in the biomass removed from a forest as part of a pest/disease control measure or a salvage operation? Yes - Minority

Explanation: For the 2020 year Klichevski leshoz during the use clear-cuttings was 45.6 thousand m3 of wood. At the period of 2021 year Klichevski leshoz during the use clear-cuttings was 4.9 thousand m3 of wood. Wood harvested as part of pest/disease control measures was used for sawing, after which sawmill waste was used to produce pellets.

Feedstock

Reporting period from: 18 May 2020

Reporting period to: 31 May 2021

- a. **Total volume of Feedstock:** 1-200,000 m3
- b. **Volume of primary feedstock:** 0 N/A
- c. **List percentage of primary feedstock, by the following categories.**
 - Certified to an SBP-approved Forest Management Scheme: N/A
 - Not certified to an SBP-approved Forest Management Scheme: N/A
- d. **List of all the species in primary feedstock, including scientific name:** N/A
- e. **Is any of the feedstock used likely to have come from protected or threatened species?** N/A
 - 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 (%):** N/A
- g. **Softwood (i.e. coniferous trees): specify proportion of biomass from (%):** N/A
- h. **Proportion of biomass composed of or derived from saw logs (%):** N/A
- i. **Specify the local regulations or industry standards that define saw logs:** N/A
- j. **Roundwood from final fellings from forests with > 40 yr rotation times - Average % volume of fellings delivered to BP (%):** N/A
- k. **Volume of primary feedstock from primary forest:** N/A N/A
- 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: N/A
 - Primary feedstock from primary forest not certified to an SBP-approved Forest Management Scheme: N/A
- m. **Volume of secondary feedstock:** 1-200,000 m3
 - Physical form of the feedstock: Chips, Sawdust, Other (specify)
- 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	0,00	0,00

Secondary	0,00	100,00	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:	Anastasia Sergeyevna Shahoika	Engineer of Production Department	11 Jun 2021
	Name	Title	Date
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.			
Report approved by:	Vladimir Anatolievich Kosenkov	Director	11 Jun 2021
	Name	Title	Date

Annex 1: Detailed findings for Supply Base Evaluation indicators

N/A