



Supply Base Report: Zhitkovichsky Ieshoz (mill №2)

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: Zhitkovichsky leshoz (mill №2)

Producer address: 62 Oktyabrskaya, 247960 Zhitkovichi, Gomel region, Belarus

SBP Certificate Code: SBP-07-94

Geographic position: 52.217272, 27.831407

Primary contact: Mikhail Levkovich, +375 2353 2 17 69,zhitklesxoz@tut.by

Company website: <http://www.ztklestur.by/>

Date report finalised: 04 May 2021

Close of last CB audit: 04 May 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: <http://www.ztklestur.by/>

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
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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: Gomel region

Exclusions: No

Forests are the main (zonal) type of vegetation in the territory of the Zhitkovichsky leshoz. The forestry establishment is made up of: Bereznyanskoye, Milevichskoye, Zalyutichskoye, Lyakhovichskoye, Khvoikovskoye, Leninskoye, Yurkevichskoye, Belovskoye, Zhitkovichskoye, Lyudenevichskoye, Berezhenskoye and depot camp, wood processing shop and pellet production. The Zhitkovichsky leshoz of the Gomel Industrial Forestry Association is located in the western part of the Gomel region on the territory of the Zhytkovich administrative region. The total area of the forestry establishment is 118.012 thousand hectares, including 97.345 thousand ha covered by forest. In January 2018, the Berezhenskoye forest district.

According to the economic, ecological and social According to the economic, ecological, social and cultural significance of the forest fund, its location and the functions performed by it functions performed by it, the leshoz forest fund is referred to different groups of forests and categories categories of forest protection. Forests were divided into groups and categories Forest protection categories are based on the Forest Code of the Republic of Belarus. of the Republic of Belarus. Natural forests occupy 39839,3 ha. (31,2%), recreational forests 1468,7 ha (1,2%), protective forests 19568,9 ha (16,6%), exploitation forests 60135,4 ha (51,0%).

For the production of SBP-compliant biomass, the Zhitkovichsky leshoz uses only SBP-compliant Secondary Feedstock are wood chips and sawdust from own sawmill. Raw materials to the sawmill plant come only from its own forest fund of Zhitkovichsky leshoz, all wood raw materials have FSC 100%.

As the Supply Base, the Zhitkovichsky leshoz has got the area of its own forest fund of the Zhitkovichsky 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.

There are specially protected areas such as local biological reserves Turovsky Meadow, Zalyutichsky, "Milevichsky," the hydrological reserve "Bulev Mokh," the republican reserve "Old Zhaden," the landscape reserve "Middle Pripyat" on the territory of the Zhitkovichi leshoz.

A large aquila clanga lives on the territory of the Zhitkovichi leshoz that it falls within the action of CITES. Great importance is given to the preservation of rare and endangered species of plants and animals in the leshkoz. 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 leshkoz implements all necessary measures to ensure the conservation of rare and endangered species of plants and animals.

The animals listed in the Red Book of Belarus in the territory of Zhitkovichi leshkoz are Greater Spotted Eagle, Greater Spotted Eagle and Lutok.

Total volume of harvested timber

Harvesting of wood Republic of Belarus	2018	2019	2020			
	Zhitkovichsky leshoz	Republic of Belarus	Zhitkovichsky leshoz	Republic of Belarus	Zhitkovichsky leshoz	
Manual harvest, mln. m3	10,3	0,1527	11,3	0,1098	11,7	0,0936
Mechanized harvesting, mln. m3	9,2	0,0397	9,6	0,0776	9,5	0,1038
Total amount, mln. m3	19,5	0,1924	20,9	0,1874	21,2	0,1974

Wood processing

Wood processing Republic of Belarus	2018	2019	2020			
	Zhitkovichsky leshoz	Republic of Belarus	Zhitkovichsky leshoz	Republic of Belarus	Zhitkovichsky leshoz	
Low-quality timber, million m3	2,7	0,026	2,6	0,007	3,2	0,002
Industrial wood, million m3	2,2	0,048	2,8	0,061	2,7	0,067
Total amount, mln. m3	4,9	0,074	5,5	0,068	5,95	0,069

2.3 Actions taken to promote certification amongst feedstock supplier

In production of SBP pellets is used only FSC certified material . The resource base of Zhytkovich leshoz is only its own territory.

Forests are the main (zonal) type of vegetation in the territory of the Zhitkovichsky leshoz. The forestry establishment is made up of: Berezhnianskoye, Milevichskoye, Zalyutichskoye, Lyakhovichskoye, Khvoikovskoye, Leninskoye, Yurkevichskoye, Belovskoye, Zhitkovichskoye, Lyudenevichskoye, Berezhenskoye and depot camp, wood processing shop and pellet production. The Zhitkovichsky leshoz of the Gomel Industrial Forestry Association is located in the western part of the Gomel region on the territory of the Zhytkovich administrative region. The total area of the forestry establishment is 118.012 thousand hectares, including 97.345 thousand ha covered by forest.

Zhytkovich leshoz (biomass producer, BP) is one of the oldest and biggest forest management institution in Belarus. The Zhytkovich 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 (sawdust). For heat generation is used slabs and edgings.

All feedstock is from organisation's own sawmill plant, the round wood for sawmill production comes from the forest of Zhytkovich 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

- a. **Total Supply Base area (million ha):** 0,12
- b. **Tenure by type (million ha):**0.12 (Public)
- c. **Forest by type (million ha):**0.12 (Temperate)
- d. **Forest by management type (million ha):**0.12 (Natural)
- e. **Certified forest by scheme (million ha):**0.12 (FSC), 0.12 (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 year the Zhitkovichsky leshoz during the primary use cuttings was 111.497 thousand m³ of wood, of which 115.4 thousand m³ of wood from clearcuts and 24.0 thousand m³ of wood from nonclearcuts; during the intermediate use cuttings was 34.0 thousand m³ of wood and during the other cutting was 38.52 thousand m³ of wood. At the period of 2021 year (January-April) the Zhitkovichsky leshoz during the primary use cuttings was 34,996 thousand m³ of wood, of which 34,996 thousand m³ of wood was clearcuts; during the intermediate use cuttings was 19,4 thousand m³ of wood and during the other cutting

was 1,8 thousand m3 of wood. Roundwood is used for the production of lumber products, while sawmill residues (sawdust) 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. Forests are the main (zonal) type of vegetation in the territory of the Zhitkovichsky leskhov. The forestry establishment is made up of: Bereznyanskoye, Milevichskoye, Zalyutichskoye, Lyakhovichskoye, Khvoikovskoye, Leninskoye, Yurkevichskoye, Belovskoye, Zhitkovichskoye, Lyudenevichskoye, Berezhenskoye and depot camp, wood processing shop and pellet production. The industrial activity of the leskhov is represented by logging, timber hauling and processing, harvesting of by-products, secondary forest resources and auxiliary agriculture. Products are sold on the domestic and foreign markets. The timber yard ships timber, plywood logs, balances, and firewood to the domestic market. The timber products are shipped to the domestic market as raw, dry and planed lumber, fuel pellets, and wood chips. The external market is supplied with debarked stakes, raw and dry edged sawn timber, sawn blanks, fuel pellets, fuel chips, technological wood raw materials.

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 Zhitkovichsky leskhov carried out the following actions: cutting of young growth was 772 ha, forest thinning was 2896 ha, clear-cutting was 143 ha, debris removal was 191 ha, reforestation was 614 ha. For the 2021 year (January-April) Zhitkovichsky leskhov carried out the following actions: forest thinning was 1030 ha, clear-cutting was 7.2 ha, debris removal was 5.9 ha, reforestation was 350 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 2020 year Zhitkovichi Forestry during the use clear-cuttings was 32.2 thousand m3 of wood. At the period of 2021 year (January-April) Zhitkovichsky leskhov during the use clear-cuttings was 1.8 thousand m3 of wood. Wood harvested as part of pest/disease control measures was used for sawing, after which sawing waste (sawdust) was used for pellet production.

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:** 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: Sawdust
- 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 %
Secondary	0,00	100,00	0,00	0,00
Tertiary	0,00	0,00	0,00	0,00
Primary	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:

N/A

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:	Balbutskaya Valentina Ivanovna	Logging and Processing Engineer	04 May 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:	Levkovich Mikhail Vladimirovich	director	04 May 2021
	Name	Title	Date

Annex 1: Detailed findings for Supply Base Evaluation indicators

N/A