



Sustainable Biomass Program

Supply Base Report: SeMalDrev LLC

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Completed in accordance with the Supply Base Report Template Version 1.3

*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:	LLC «SeMalDrev»
Producer location:	Republic of Belarus, Brest region, Hantsavichy, Montazhnikov street, 3A, office 11 – registration and main office address The Republic of Belarus, Brest region, Gancevichi district, v. Colony, Suvorova str, 20 – production plant address
Geographic position:	52°45'48.3"N, 26°25'39.3"E
Primary contact:	Oleg Gurman, director +375164660208, semaldrev@mail.ru
Company website:	http://semaldrev.by
Date report finalised:	20/Jan/2020
Close of last CB audit:	24/Mar/2020
Name of CB:	NEPCon
Translations from English:	Yes
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
Standard(s) used:	https://sbp-cert.org/documents/standards-documents/standards
SBP Endorsed Regional Risk Assessment:	Not Applicable
Weblink to SBE on Company website:	Not Applicable

Indicate how the current evaluation fits within the cycle of Supply Base Evaluations				
Main (Initial) Evaluation	First Surveillance	Second Surveillance	Third Surveillance	Fourth Surveillance
X	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2 Description of the Supply Base

2.1 Forest fund of the Republic of Belarus

The forest fund of Republic of Belarus includes all state natural and artificial forests as well as all other lands intended for forest management. The total area of forest fund is 9.58 million ha of which 8.26 million ha are covered by forest lands. In comparison with 1988, this area increased for 14,8%, generally as a result of artificial afforestation of marginal and not suitable for agricultural needs lands. The percentage of forest cover in Belarus reached 39,8%.

The forest fund in Belarus is well explored, and based on expert estimates, wood reserves in 2018 equaled 1796 million m³, including mature and overmature forests which comprise over 267 million m³. General growth of forest – about 32,7 million m³ per year. Average age of stands is over 56 years. Per the age categories the forest fund can be divided the following way: young forests – 18,7%, middle aged forests – 46%, ripening forests – 22,8% and mature and overmature forests – 12,5%.

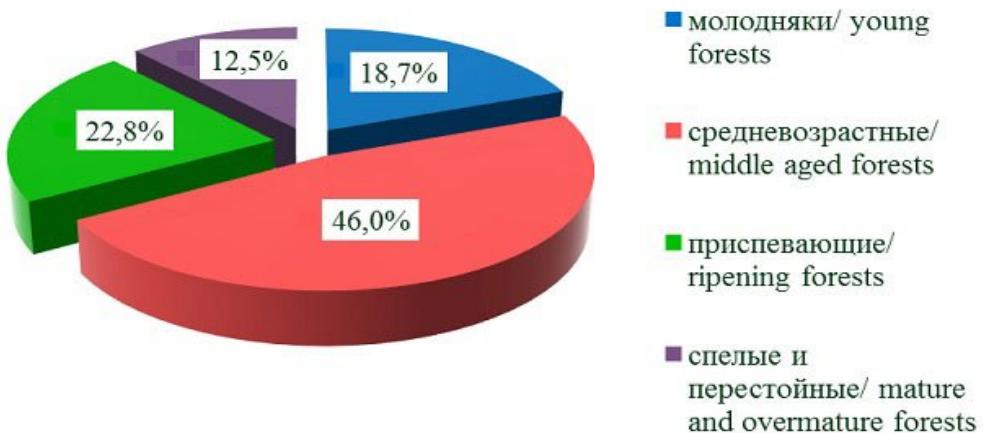
In Belarus the main principles of forest managements are based on the following regulatory documents:

- State-run program for 2016-2020 “Belarus forest”
- National strategy on sustainable development of the Republic of Belarus
- Forest Code of the Republic of Belarus.

28 tree species and about 70 species of bushes grow in Belarus. The most widespread are: Scots pine - 50.3%, Birch - 23.2%, European spruce - 9.2%, Black alder - 8.5%, Oak - 3.4%, Aspen - 2.1%

There are two types of forest lands depending on accomplished functions: first and second groups. The first group comprises specially protected nature conservation areas (about 52%), and the second one – exploitable forests for timber harvesting (48%). In accordance with the legislation of the Republic of Belarus all forest lands are in state property and assigned to state forestry enterprises for use. The forest use in Belarus is based on the principle of continuity and sustainability.

Average annual timber harvesting value is about 18 million m³, which include:



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The average wood procurement reached 10 – 11,2 million m³ per year, which includes: final felling (in mature forests) – 4,3 – 4,5 million m³ (40%), sanitary felling and tending cutting (young, middle aged and ripening forests) – 5,4 million m³ (48%) and other cuttings – 1 – 1,3 million m³ (12%).

The further growth in forest management is foreseen in 2020 – about 19 million m³, however it should not harm the ecology of the forests since the annual forest increment in Belarus has already reached about 25 million m³ and this number keeps growing due the growth of forest cover and forest age structure alignment. The forest management is generally defined by the annual allowable cutting rate. Annual allowable cutting rate is a rate of annual volumes of cuttings or the amount of final products which could be extracted for further timber products manufacturing. It is counted based on the availability of mature timber, reproduction type, timber requirements and following the principle of continuity and sustainability in forest use.

During last several years the annual allowable cutting rate was implemented only for 70-80%. Underperformance occurs with soft-wooded broadleaved species, small-diameter timber and in difficult access areas where the wood procurement is not profitable. The use of wood in energy production is held back with the lack of investments. The average annual forest management during last years equaled just 1,5 – 1,7 m³ from 1 ha of forest land, which 2,4 times less than the average annual wood increment – 3,6 m³/ha.

The main conditions of forests' exploitation are the procurement of forest reproduction and protective afforestation. In 2018 the forest reproduction and afforestation were carried out at the total area of 41,82 thousand ha, including such measures as planting of new forests (about 34,8 thousand ha).

According to the forest legislation of the Republic of Belarus, the endangered species and the places of their habitation included in the Red List are to be protected during timber harvesting processes. The cutting of valuable, endangered and specially protected tree species is strictly prohibited.

There are two preserved areas at the territory of Republic of Belarus - Berezinsky Biosphere Reserve (85,2 thousand ha) and Polesie State Radioecological Reserve (216,1 thousand ha) and four national parks - Belovezhskaya Pushcha (152,962 thousand ha), Braslav Lakes (69,115 thousand ha), Narachanski National Park (93,3 thousand ha) and Pripyatsky National Park (85,841 thousand ha) as well as 334 forest Republic and local reserves and 874 monuments of nature.

The forest certification is an effective tool against illegal cuttings and illegal circulation of timber.

There two schemes of forest certification implemented in the Republic of Belarus: FSC (Forest Stewardship Council) and PEFC (Programme for the Endorsement of Forest Certification).

As of 1st of January 2019, 96 forest management units (98,5% of total forest fund that belongs to the Ministry of Forestry) is certified in accordance with the requirements of Forest Stewardship Council (FSC). 95 forest management units (98 % of total forest fund that belongs to the Ministry of Forestry) is certified in accordance with the requirements of PEFC (Programme for the Endorsement of Forest Certification).

In Belarus timber industry comprises of forest management (13,5%), processing of timber (69,5%) and paper-pulp industry 16,4%). Timber processing is one of the largest manufacturing sectors in Belarus Republic and has a share of about 2% from the whole processing sector in Belarus Republic. Timber industry in Belarus makes approximately 1,1% of gross domestic market. Timber-based products are exported to about 30 world countries.

LLC «SeMalDrev»

LLC “SeMalDrev” is a manufacturer of pellets and uses FSC 100% certified feedstock – wood industry residues (slab wood and sawdust) procured from one supplier (in the reporting period) – for the production of pellets.

The main regions of feedstock supplies are Minsk and Brest regions.

Map of Brest region:

Map of Minsk region:

Only SBP-compliant secondary feedstock (100%) is used for the production of pellets.

The following tree species are used: **Picea abies (L.) H. Karst.**; **Pinus sylvestris (L.)**.

2.2 Actions to promote certification among feedstock suppliers

LLC "SeMalDrev" uses only FSC-certified feedstock.

2.3 Final harvest sampling programme

Not applicable.

LLC "SeMalDrev" uses sawdust and slab wood (residues of its own wood manufacture) for the production of wood pellets.

2.4 Flow diagram of feedstock inputs showing feedstock type [optional]

LLC "SeMalDrev" uses sawdust and slab wood from conifer species (based on processing data):

40% - Pine (*Pinus sylvestris*)

60% - Spruce (*Picea abies*)

Feedstock for wood pellets production in %

50% - sawdust

50% - slab wood

2.5 Quantification of the Supply Base

Supply Base

- a. Total Supply Base area (ha): 9580,2 thousand
- b. Tenure by type (ha): 9580,2 thousand (100% stated owned)
- c. Forest by type (ha): 9580,2 thousand
- d. Forest by management type (ha): 9580,2 managed natural
- e. Certified forest by scheme (ha): 9,4 mln certified by FSC

Feedstock

- f. Total volume of Feedstock: 300 solid m³
- g. Volume of primary feedstock: 0 m³
- h. List percentage of primary feedstock (g), by the following categories.
Subdivide by SBP-approved Forest Management Schemes:
 - Certified to an SBP-approved Forest Management Scheme-0%

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- Not certified to an SBP-approved Forest Management Scheme -0%
- i. List all species in primary feedstock, including scientific name – not applicable
- 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:
 - Primary feedstock from primary forest certified to an SBP-approved Forest Management Scheme – 0 m3
 - Primary feedstock from primary forest not certified to an SBP-approved Forest Management Scheme – 0 m3
- l. Volume of secondary feedstock: 300 solid m3
- m. Volume of tertiary feedstock: 0 m3

3 Requirement for a Supply Base Evaluation

SBE completed	SBE not completed
<input type="checkbox"/>	X

Supply Base evaluation is not required, since the company uses only FSC-certified feedstock for the production of pellets.

4 Supply Base Evaluation

4.1 Scope

Not applicable.

4.2 Justification

Not applicable

4.3 Results of Risk Assessment

Not applicable.

4.4 Results of Supplier Verification Programme

Not applicable

4.5 Conclusion

Not applicable

5 Supply Base Evaluation Process

Not applicable.

6 Stakeholder Consultation

Not applicable.

6.1 Response to stakeholder comments

Not applicable.

7 Overview of Initial Assessment of Risk

Not applicable

8 Supplier Verification Programme

8.1 Description of the Supplier Verification Programme

Not applicable

8.2 Site visits

Not applicable

8.3 Conclusions from the Supplier Verification Programme

Not applicable.

9 Mitigation Measures

9.1 Mitigation measures

Not Applicable

9.2 Monitoring and outcomes

Not applicable

10 Detailed Findings for Indicators

Not applicable.

11 Review of Report

11.1 Peer review

Supply Base Report has been sent to the expert of National Academy of Sciences of Belarus, Cand. Sc. Biology, head of applied research laboratory of NAS of Belarus, author of more than 100 scientific publications – Pavlovskiy N.B.

Based on expert estimates, all data provided has been analyzed and evaluated as up-to-date.

11.2 Public or additional reviews

Russian version of report can be provided to all concerned parties at request.

12 Approval of Report

Approval of Supply Base Report by senior management			
Report Prepared by:	Alexander Shulga	SBP responsible	20/Jan/2020
	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:	Oleg Gurman	Director	20/Jan/2020
	Name	Title	Date
Report approved by:	[name]	[title]	[date]
	Name	Title	Date
Report approved by:	[name]	[title]	[date]

13 Updates

13.1 Significant changes in the Supply Base

Not applicable, as this report has been prepared for the primary (main) evaluation.

13.2 Effectiveness of previous mitigation measures

Not applicable.

13.3 New risk ratings and mitigation measures

Not applicable.

13.4 Actual figures for feedstock over the previous 12 months

Please see 2.5. for details

13.5 Projected figures for feedstock over the next 12 months

Projected secondary feedstock volume from 31.01.2020 to 29.02.2021 - 44 000 m³.