

Supply Base Report: PIK-BIO 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: PIK-BIO LLC
Producer location: 666684, Promplshchadka UI LPK, territory PIK-BIO LLC, Ust-Ilimsk, Russia
Geographic position: 58.018477 'N, 102.800666 'E
Primary contact: Viktor Yurievich Feoktistov, 666687, Druzhby Narodov str., 94-53, Ust-Ilimsk, Irkutsk region, Russia, +7 924 636 03 69, feoktistov1967@inbox.ru
Company website: -
Date report finalised: 19/Mar/2020
Close of last CB audit: 24/Mar/2020, Ust-Ilimsk
Name of CB: NEPCon
Translations from English: Yes
SBP Standard(s) used: Standard 2 version 1.0, Standard 4 version 1.0, Standard 5 version 1.0
Weblink to Standard(s) used: <https://sbp-cert.org/documents/>
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 General description

PIK-BIO LLC is a biomass producer located in Ust-Ilimsk, Irkutsk Region. The pellet line was launched in 2019 for the processing of wood processing residues (sawdust and wood chips) from one supplier, which receives wood from one FSC certified FMU and 21 FMUs controlled according FSC-STD-40-005. PIK-BIO LLC uses SBP-compliant secondary feedstock to produce SBP-compliant biomass from feedstock with FSC 100% claim and SBP-controlled secondary feedstock to produce SBP-controlled biomass from feedstock with FSC Controlled Wood claim. The species are Skots pine (*Pinus sylvestris*), Siberian larch (*Larix sibirica*), a small percentage of Siberian spruce (*Picea obovata*), Siberian fir (*Abies sibirica*), and Siberian cedar pine (*Pinus sibirica*).

The supply base of PIK-BIO LLC is the forest fund of the Irkutsk region and the Krasnoyarsk Krai. The total area of the supply base is 228,1 million ha.

Krasnoyarsk Krai has one of the largest forest resources among Russian regions. The territory of the forest fund of the region is 158,7 million hectares. The total stock of forests amounts to 11,7 billion m³ - this is about 1/3 of the Siberian Federal District reserves and 1/7 of the total Russian forest stock. In the structure of forest stands of the Krasnoyarsk Krai coniferous stands prevail, the share of which is about 76%.

The forest fund of the Irkutsk region is 69,4 million hectares. According to the information contained in the regional Forest Plan, 12% of the country's forest reserves are concentrated in the region. But not all forest area is covered with forests. Some of them have been cut down and not yet replanted; part damaged by fires; about 1,6 million hectares are occupied by glades, ravines, roads, buildings, etc. The total standing stock is 8,8 billion m³, including the stock of coniferous stands – 7,5 billion m³.

In accordance with the legislation of the Russian Federation, all lands of the forest fund are in state ownership. Legal entities receive forest plots for use for a period of 10 to 49 years on loan (with the possibility of their prolongation). Long-term rental relations are the dominant legal form for obtaining the right to harvest timber on stem. The conclusion of lease agreements for forest plots or purchase and sale agreements for forest stands is carried out at auctions for the sale of the right to conclude such agreements. Land leased, must pass a state cadastral registration.

The Forest Code of the Russian Federation obliges each tenant to develop a forest development plan for 10 years (based on taxation and forest regulation), implement measures for the conservation, protection and reproduction of forests, submit a forest declaration and make addendums to it about the planned way of forest resources use. Once a quarter, tenants are required to submit a forest declaration containing a report on the implemented measures and logging volumes of felling for a calendar year with a cumulative total.

Within the Supply Base, forest management practices are based on the achievement of renewable sustainable forest management in accordance with the requirements of forest legislation and the principles of forest certification. The rotation period is 60-120 years. Only clear cuts are used as a method of wood harvesting at the maturity stage with subsequent reforestation. Sanitary felling is also possible. The maximum cutting area is limited to 50 ha. Reforestation can be done with planting seedlings or the promotion

of natural regeneration. Ensuring high-quality reproduction of forest resources and protective afforestation is a prerequisite for the use of forests. To do this, a Forest Development Project is being developed, the measures in which are aimed at improving the forestry characteristics of the forest area, and the implementation of continuous and sustainable forest management.

The composition of the forests of the Krasnoyarsk Krai and the Irkutsk Region includes Scots pine (*Pinus sylvestris*), Siberian larch (*Larix sibirica*), Siberian cedar pine (*Pinus sibirica*), Siberian spruce (*Picea obovate*), Siberian fir (*Abies sibirica*), and Silver birch (*Betula pendula*), aspen (*Populus tremula*), a tree-shaped willow (*Salix* spp.) is found.

When harvesting wood, according to the forest legislation species listed in the Red Book, as well as their habitats, are subject to conservation. Harvesting of valuable, endangered and specially protected species of trees is prohibited. On the territory of the Krasnoyarsk Krai there are such types of trees listed in the Red Book as Small-leaved Birch (*Betula microphylla* Bunge), Pseudocossack Juniper (*Juniperus pseudosabina* Fisch. & C.A. Mey.). In the Irkutsk Region, Siberian Blue Spruce (*Picea obovate* Ledeb. Var. *Coerulea* Malysch) and Berry Apple Tree (*Malus baccata* (L.) Borkn.) are subject to conservation. Areas with a predominance of Siberian cedar pine (*Pinus sibirica*) are prohibited for cutting in the Irkutsk region.

PIK-BIO LLC does not procure and does not purchase tree species listed in the IUCN or CITES list, as their habitat is outside the Supply Base.

The main enterprises of the forest industry in the Irkutsk region, which are also the largest tenants and loggers: JSC Ilim Group, JSC Bratsk Timber Industry Complex (BLPK) - manufacturers of pulp and cardboard; Omfal LLC, Ind-Timber LLC, Lesresurs LLC, PromLesTrade LLC, IP Zarechny, Madera CJSC - manufacturers of lumber and pellets; LLC TM Baikal, CJSC KATA, LLC Orion, LLC Lesobalt - manufacturers of lumber; Usolsky Plywood Plant LLC, Ilim Timber LLC - plywood manufacturers. The company PIK-BIO LLC is located in Ust-Ilimsk, Irkutsk Region and is a small enterprise compared to mentioned above. The company provides jobs for local people and pays taxes in the local budget.

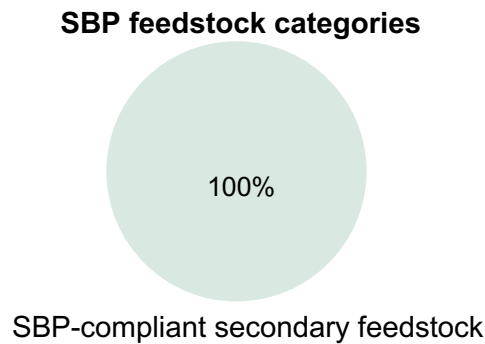
2.2 Actions taken to promote certification amongst feedstock supplier

PIK-BIO LLC informs suppliers of the benefits of FSC forest management certification.

2.3 Final harvest sampling programme

Not applicable, since only secondary raw materials are used for the production of pellets.

2.4 Flow diagram of feedstock inputs showing feedstock type



2.5 Quantification of the Supply Base

Supply Base

- a. Total Supply Base area (ha): **228,1 mln ha**
- b. Tenure by type (ha): **228,1 mln ha public**
- c. Forest by type (ha): **228,1 mln ha boreal**
- d. Forest by management type (ha): **228,1 mln ha managed natural**
- e. Certified forest by scheme (ha): **10,7 mln ha of FSC-certified forest**
- f.

Feedstock

- g. Total volume of Feedstock: **26222,42 tons;**
- h. Volume of primary feedstock: **0 tons**
- i. List percentage of primary feedstock (g), by the following categories. - percentages may be shown in a banding between XX% to YY% if a compelling justification is provided*. Subdivide by SBP-approved Forest Management Schemes:
 - Certified to an SBP-approved Forest Management Scheme - **0%**;
 - Not certified to an SBP-approved Forest Management Scheme - **0%**;
- j. List all species in primary feedstock, including scientific name – **not applicable**;
- k. Volume of primary feedstock from primary forest - **0 tons**;
- l. 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**;
- m. Volume of secondary feedstock: **26222,42 tons** of sawdust – secondary feedstock;
- n. Volume of tertiary feedstock: **0 tons.**

3 Requirement for a Supply Base Evaluation

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

For the production of SBP-compliant biomass, only feedstock with a FSC 100% claim is used.

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



This year, an peer review was not carried out, as preparation for certification was carried out with an experienced consultant Tatiana Savelyeva.

11.2 Public or additional reviews

The report is posted on the SBP website for public review.

All interested parties can send their feedback, if any, to the FSC certification manager Viktor Yurievich Feoktistov Feoktistov1967@inbox.ru.

12 Approval of Report

Approval of Supply Base Report by senior management			
Report Prepared by:	Viktor Yurievich Feoktistov 	SBP manager	19/03/2020
	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:	Eugeny Erochkin 	Director	19/03/2020
	Name	Title	Date

13 Updates

13.1 Significant changes in the Supply Base

Not applicable, first (main) audit.

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

26222,42 tons of sawdust – secondary feedstock.

13.5 Projected figures for feedstock over the next 12 months

50 000 tons of sawdust – secondary feedstock.