Supply Base Report:

Ardor OÜ
Second Surveillance Audit

Sustainable Biomass Program
sbp-cert.org

Completed in accordance with the Supply Base Report Template Version 2.2 and SBP Bridging Requirements for Meeting the Directive EU/2023/2413 (REDIII)

For further information on the SBP Framework and to view the full set of documentation see **www.sbp-cert.org**

Document history

Version 1.0	**Published 26 March 2015**
Version 2.0	Published 10 August 2023
Version 2.1	Published 15 April 2024
Version 2.2	Published 21 May 2025
Version 2.3	Published 14 August 2025

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1 Overview

Producer name:	Ardor OÜ
Producer address:	Tööstuse 7, 44201 Sõmeru, Estonia
SBP Certificate Code:	SBP-07-22
Geographic position:	59.355700, 26.434100
Primary contact:	Viljo Aros, +372 528 8250, viljo.aros@warmeston.ee
Company website:	https://www.ardor.ee/
Date report finalised:	04 Feb 2026
SBR reporting period from:	01 Jan 2025
SBR reporting period to:	31 Dec 2025
Name of the Certification Body:	Preferred by Nature OÜ
Certification Body Approval date:	16 Feb 2026
SBP Standard(s) used:	SBP Standard 2: Feedstock Verification v2.0, SBP Standard 4: Chain of Custody v2.0, SBP Standard 5: Collection and Communication of Data v2.0, Instruction Document 5E: Collection and Communication of Energy and Carbon data. v2.1, Instruction Document EU RED: Bridging Requirements for Meeting the Directive EU/2023/2413 v2.0
Feedstock origin (countries)	Estonia (Estonia), Latvia (Latvia), Lithuania (Lithuania), Finland (Finland), Sweden (Sweden), Norway (Norway), Poland (Poland), Germany (Germany), Canada (Quebec/New Brunswick/Nova Scotia), Romania (Romania), Italy (Italy), Croatia (Croatia), United States (Tennesee), Ukraine (Ukraine)
Weblink to Standard(s) used:	https://sbp-cert.org/documents/standards-documents/standards

2 Description of the Biomass Producer and the Supply Base

2.1 Description of the company

Ardor OÜ has been operating as a pellet manufacturer since 2014. The company is part of the Warmeston Group, which unites Estonian privately-owned companies in the wood industry and forestry sectors.

The factory processes dry sawdust, wood chips, and offcuts into premium-quality pellets. Since its establishment, the company's annual production capacity has consistently grown and now reaches 90,000 tons.

Ardor's chain of custody management system is certified according to the applicable standards of SBP, FSC and PEFC.

Products included in the scope of SBP Certification: *WB 1.1 Wood pellets*

Number of employees: *20*

Annual maximum production capacity (metric tonnes): *90000*

Number of direct feedstock suppliers: *26*

Approximate number of feedstock sub-suppliers: *10*

Description of the chain-of-custody and upstream supply chain:

The supply chain of Ardor OÜ includes only secondary and further downstream wood processors. The majority of suppliers hold an FSC or a PEFC certificate. Feedstock from uncertified companies is only sourced if classified as "low risk" under the company's biomass sourcing due diligence systems, which includes information gathering (inc. information of origin), risk assessments, and mitigation of specified risks if applicable.

2.2 Detailed description of the Supply Base

Guidance: Tables below have been generated automatically for each sourcing country based on the selection of 'Feedstock origin (countries)' in section 1 above.

Annex 1 is generated by the system if the SBP SBE is used without Regional Risk Assessment(s) (RRAs). In case RRA(s) is used, further details shall be given only in section 3 below.

Annex 2 is generated if EU RED SBE is in the scope for each country separately.

Country	Estonia
Area/Region	Estonia
Exclusions	NA
Feedstock types	Processing residues1
Feedstock Product Groups	Processing residues feedstock (4A)
Feedstock inputs	SBP Compliant feedstock , SBP Controlled feedstock
Is the forest managed to supply energy and non-energy markets?	Yes - Majority

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
Risk assessment(s)	N/A – Primary and/or Processing residues certified to an SBP- recognised controlled scheme
Provide a concise summary of why a SBE was determined to be required or not required here:	
All feedstock sourced are processing residues certified to an SBP- recognised controlled and/or recycled scheme and an SBE is not needed.	
Feedstock types included in SBE:	N/A
Includes EU RED SBE:	No
Includes EU RED II SBE grandfathering	No
Includes EU RED TOF:	No
Includes EU RED II TOF grandfathering	No
Size of Supply Base area (million ha):	2.4380
Map(s) of the Supply Base area:	

Country	Latvia
Area/Region	Latvia
Exclusions	NA
Feedstock types	Processing residues1
Feedstock Product Groups	Processing residues feedstock (4A)
Feedstock inputs	SBP Compliant feedstock , SBP Controlled feedstock
Is the forest managed to supply energy and non-energy markets?	Yes - Majority
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
Risk assessment(s)	N/A – Primary and/or Processing residues certified to an SBP- recognised controlled scheme
Provide a concise summary of why a SBE was determined to be required or not required here:	
All feedstock sourced are processing residues certified to an SBP- recognised controlled and/or recycled scheme and an SBE is not needed.	
Feedstock types included in SBE:	N/A
Includes EU RED SBE:	No
Includes EU RED II SBE grandfathering	No
Includes EU RED TOF:	No
Includes EU RED II TOF grandfathering	No
Size of Supply Base area (million ha):	3.4110
Map(s) of the Supply Base area:	

Country	Lithuania
Area/Region	Lithuania
Exclusions	NA
Feedstock types	Processing residues1
Feedstock Product Groups	Processing residues feedstock (4A)
Feedstock inputs	SBP Compliant feedstock , SBP Controlled feedstock
Is the forest managed to supply energy and non-energy markets?	Yes - Majority
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
Risk assessment(s)	N/A – Primary and/or Processing residues certified to an SBP- recognised controlled scheme
Provide a concise summary of why a SBE was determined to be required or not required here:	
All feedstock sourced are processing residues certified to an SBP- recognised controlled and/or recycled scheme and an SBE is not needed.	
Feedstock types included in SBE:	N/A

Includes EU RED SBE:	No
Includes EU RED II SBE grandfathering	No
Includes EU RED TOF:	No
Includes EU RED II TOF grandfathering	No
Size of Supply Base area (million ha):	2.2010
Map(s) of the Supply Base area:	

Country	Finland
Area/Region	Finland
Exclusions	NA
Feedstock types	Processing residues1
Feedstock Product Groups	Processing residues feedstock (4A)

Feedstock inputs	SBP Compliant feedstock , SBP Controlled feedstock
Is the forest managed to supply energy and non-energy markets?	Yes - Majority
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
Risk assessment(s)	N/A – Primary and/or Processing residues certified to an SBP- recognised controlled scheme
Provide a concise summary of why a SBE was determined to be required or not required here:	
All feedstock sourced are processing residues certified to an SBP- recognised controlled and/or recycled scheme and an SBE is not needed.	
Feedstock types included in SBE:	N/A
Includes EU RED SBE:	No
Includes EU RED II SBE grandfathering	No
Includes EU RED TOF:	No
Includes EU RED II TOF grandfathering	No
Size of Supply Base area (million ha):	22.4090
Map(s) of the Supply Base area:	

Country	Sweden
Area/Region	Sweden
Exclusions	NA

Feedstock types	Processing residues1
Feedstock Product Groups	Processing residues feedstock (4A)
Feedstock inputs	SBP Compliant feedstock , SBP Controlled feedstock
Is the forest managed to supply energy and non-energy markets?	Yes - Majority
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
Risk assessment(s)	N/A – Primary and/or Processing residues certified to an SBP- recognised controlled scheme
Provide a concise summary of why a SBE was determined to be required or not required here:	
All feedstock sourced are processing residues certified to an SBP- recognised controlled and/or recycled scheme and an SBE is not needed.	
Feedstock types included in SBE:	N/A
Includes EU RED SBE:	No
Includes EU RED II SBE grandfathering	No
Includes EU RED TOF:	No
Includes EU RED II TOF grandfathering	No
Size of Supply Base area (million ha):	27.9800
Map(s) of the Supply Base area:	

Country	Norway
Area/Region	Norway
Exclusions	NA

Feedstock types	Processing residues1
Feedstock Product Groups	Processing residues feedstock (4A)
Feedstock inputs	SBP Compliant feedstock , SBP Controlled feedstock
Is the forest managed to supply energy and non-energy markets?	Yes - Majority
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
Risk assessment(s)	N/A – Primary and/or Processing residues certified to an SBP- recognised controlled scheme
Provide a concise summary of why a SBE was determined to be required or not required here:	
All feedstock sourced are processing residues certified to an SBP- recognised controlled and/or recycled scheme and an SBE is not needed.	
Feedstock types included in SBE:	N/A
Includes EU RED SBE:	No
Includes EU RED II SBE grandfathering	No
Includes EU RED TOF:	No
Includes EU RED II TOF grandfathering	No
Size of Supply Base area (million ha):	12.1800
Map(s) of the Supply Base area:	

Country	Poland
Area/Region	Poland
Exclusions	NA
Feedstock types	Processing residues1
Feedstock Product Groups	Processing residues feedstock (4A)
Feedstock inputs	SBP Compliant feedstock ，SBP Controlled feedstock

Is the forest managed to supply energy and non-energy markets?	Yes - Majority
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
Risk assessment(s)	N/A – Primary and/or Processing residues certified to an SBP- recognised controlled scheme
Provide a concise summary of why a SBE was determined to be required or not required here:	
All feedstock sourced are processing residues certified to an SBP- recognised controlled and/or recycled scheme and an SBE is not needed.	
Feedstock types included in SBE:	N/A
Includes EU RED SBE:	No
Includes EU RED II SBE grandfathering	No
Includes EU RED TOF:	No
Includes EU RED II TOF grandfathering	No
Size of Supply Base area (million ha):	9.4830
Map(s) of the Supply Base area:	

Country	Germany
Area/Region	Germany
Exclusions	NA
Feedstock types	Processing residues1
Feedstock Product Groups	Processing residues feedstock (4A)
Feedstock inputs	SBP Compliant feedstock , SBP Controlled feedstock
Is the forest managed to supply energy and non-energy markets?	Yes - Majority
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
Risk assessment(s)	N/A – Primary and/or Processing residues certified to an SBP- recognised controlled scheme
Provide a concise summary of why a SBE was determined to be required or not required here:	
All feedstock sourced are processing residues certified to an SBP- recognised controlled and/or recycled scheme and an SBE is not needed.	

Feedstock types included in SBE:	N/A
Includes EU RED SBE:	No
Includes EU RED II SBE grandfathering	No
Includes EU RED TOF:	No
Includes EU RED II TOF grandfathering	No
Size of Supply Base area (million ha):	11.4200
Map(s) of the Supply Base area:	

Country	Canada
Area/Region	Quebec/New Brunswick/Nova Scotia
Exclusions	NA

Feedstock types	Processing residues1
Feedstock Product Groups	Processing residues feedstock (4A)
Feedstock inputs	SBP Compliant feedstock , SBP Controlled feedstock
Is the forest managed to supply energy and non-energy markets?	Yes - Majority
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
Risk assessment(s)	N/A – Primary and/or Processing residues certified to an SBP- recognised controlled scheme
Provide a concise summary of why a SBE was determined to be required or not required here:	
All feedstock sourced are processing residues certified to an SBP- recognised controlled and/or recycled scheme and an SBE is not needed.	
Feedstock types included in SBE:	N/A
Includes EU RED SBE:	No
Includes EU RED II SBE grandfathering	No
Includes EU RED TOF:	No
Includes EU RED II TOF grandfathering	No
Size of Supply Base area (million ha):	83.6910
Map(s) of the Supply Base area:	

Country	Romania
Area/Region	Romania
Exclusions	NA
Feedstock types	Processing residues1
Feedstock Product Groups	Processing residues feedstock (4A)
Feedstock inputs	SBP Compliant feedstock , SBP Controlled feedstock
Is the forest managed to supply energy and non-energy markets?	Yes - Majority
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
Risk assessment(s)	N/A – Primary and/or Processing residues certified to an SBP- recognised controlled scheme
Provide a concise summary of why a SBE was determined to be required or not required here:	

All feedstock sourced are processing residues certified to an SBP- recognised controlled and/or recycled scheme and an SBE is not needed.	
Feedstock types included in SBE:	N/A
Includes EU RED SBE:	No
Includes EU RED II SBE grandfathering	No
Includes EU RED TOF:	No
Includes EU RED II TOF grandfathering	No
Size of Supply Base area (million ha):	6.9500
Map(s) of the Supply Base area:	

Country	Italy
Area/Region	Italy

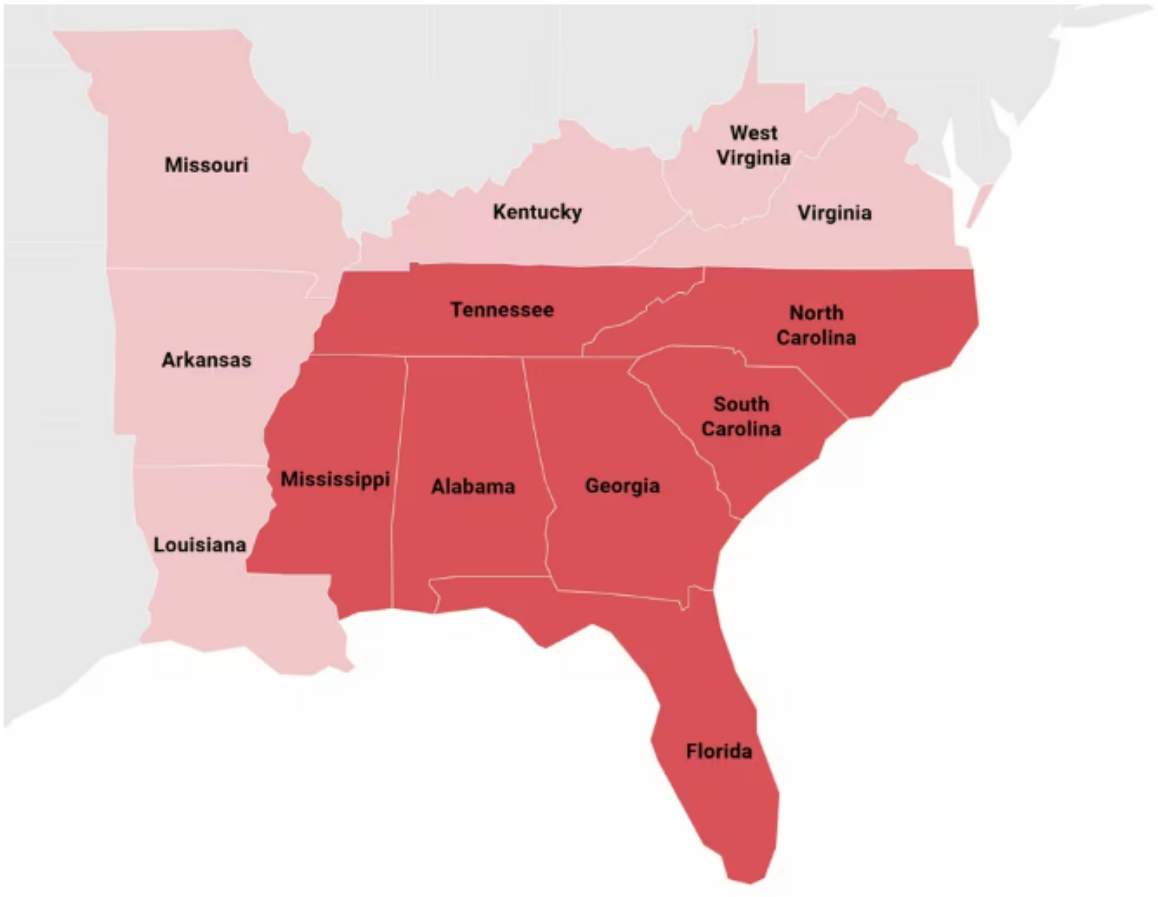
Exclusions	NA
Feedstock types	Processing residues1
Feedstock Product Groups	Processing residues feedstock (4A)
Feedstock inputs	SBP Compliant feedstock , SBP Controlled feedstock
Is the forest managed to supply energy and non-energy markets?	Yes - Majority
For the forests in the Supply Base, is there an intention to retain, restock or encourage natural regeneration within 5 years of felling?	Yes - Majority
Risk assessment(s)	N/A – Primary and/or Processing residues certified to an SBP- recognised controlled scheme
Provide a concise summary of why a SBE was determined to be required or not required here:	
All feedstock sourced are processing residues certified to an SBP- recognised controlled and/or recycled scheme and an SBE is not needed.	
Feedstock types included in SBE:	N/A
Includes EU RED SBE:	No
Includes EU RED II SBE grandfathering	No
Includes EU RED TOF:	No
Includes EU RED II TOF grandfathering	No
Size of Supply Base area (million ha):	11.4300
Map(s) of the Supply Base area:	

Country	Croatia
Area/Region	Croatia
Exclusions	NA
Feedstock types	Processing residues1
Feedstock Product Groups	Processing residues feedstock (4A)
Feedstock inputs	SBP Compliant feedstock ，SBP Controlled feedstock

Is the forest managed to supply energy and non-energy markets?	Yes - Majority
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
Risk assessment(s)	N/A – Primary and/or Processing residues certified to an SBP- recognised controlled scheme
Provide a concise summary of why a SBE was determined to be required or not required here:	
All feedstock sourced are processing residues certified to an SBP- recognised controlled and/or recycled scheme and an SBE is not needed.	
Feedstock types included in SBE:	N/A
Includes EU RED SBE:	No
Includes EU RED II SBE grandfathering	No
Includes EU RED TOF:	No
Includes EU RED II TOF grandfathering	No
Size of Supply Base area (million ha):	2.5600
Map(s) of the Supply Base area:	

Country	United States
Area/Region	South-East
Exclusions	
Feedstock types	Processing residues1
Feedstock Product Groups	Processing residues feedstock (4A)
Feedstock inputs	SBP Compliant feedstock , SBP Controlled feedstock
Is the forest managed to supply energy and non-energy markets?	Yes - Majority
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
Risk assessment(s)	N/A – Primary and/or Processing residues certified to an SBP- recognised controlled scheme

Provide a concise summary of why a SBE was determined to be required or not required here:	
All feedstock sourced are processing residues certified to an SBP- recognised controlled and/or recycled scheme and an SBE is not needed.	
Feedstock types included in SBE:	N/A
Includes EU RED SBE:	No
Includes EU RED II SBE grandfathering	No
Includes EU RED TOF:	No
Includes EU RED II TOF grandfathering	No
Size of Supply Base area (million ha):	85.5710
Map(s) of the Supply Base area:	



USA Southeast Region Map

Country	Ukraine
Area/Region	Ukraine
Exclusions	NA
Feedstock types	Processing residues1
Feedstock Product Groups	Processing residues feedstock (4A)
Feedstock inputs	SBP Compliant feedstock , SBP Controlled feedstock
Is the forest managed to supply energy and non-energy markets?	Yes - Majority
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
Risk assessment(s)	N/A – Primary and/or Processing residues certified to an SBP- recognised controlled scheme
Provide a concise summary of why a SBE was determined to be required or not required here:	
All feedstock sourced are processing residues certified to an SBP- recognised controlled and/or recycled scheme and an SBE is not needed.	
Feedstock types included in SBE:	N/A
Includes EU RED SBE:	No
Includes EU RED II SBE grandfathering	No
Includes EU RED TOF:	No
Includes EU RED II TOF grandfathering	No
Size of Supply Base area (million ha):	9.7200
Map(s) of the Supply Base area:	


Warsaw
Kyiv
Київ
Kharkiv
Харків
Lviv
Львів
Vinnytsia
Вінниця
Ukraine
Dnipro
Дніпро
Moldova
Chișinău
Odesa
Одеса
Romania

2.3 Feedstock information

a. **Total volume of Feedstock:** 1-200,000 tonnes

b. **Volume of primary feedstock:** 0

c. **List of all the species in primary feedstock, including scientific name:**

Alnus glutinosa	Black alder
Alnus incana	Grey alder
Betula pendula	Silver birch
Betula pubescens	Downy birch
Picea abies	Norway spruce
Pinus sylvestris	Scots pine
Quercus robur	English Oak
Fraxinus excelsior	European ash
Populus tremula	European Aspen

d. **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: No forest biomass is used

e. **Hardwood (i.e. broadleaf trees): specify proportion of feedstock from (%)**: 50.00

f. **Softwood (i.e. coniferous trees): specify proportion of feedstock from (%):** 50.00

g. **Proportion of feedstock composed of or derived from saw logs by weight (%):** 0.00

h. **Indicate how you determine the proportion of saw log:** Specification used by the sawmill closest to where the wood was grown.

i. **Roundwood from fellings from forests with > 40 yr rotation times - Average % volume of fellings delivered to BP (%):** 100.00

j. **Select forest type(s) where the primary feedstock was sourced from:** Other Naturally Regenerated Forest

k. **Select the main harvesting system(s) used for the sourced primary feedstock:** Clearcutting

l. **Volume of primary feedstock from primary forest:**

m. **Volume of processing residues feedstock:** 1-200,000 tonnes
Physical form of the feedstock: Chips, Sawdust, Offcuts

n. **Share of SBP-recognised system claim for processing residues:**

47 % FSC

53 % PEFC

o. **Volume of post-consumer feedstock:** 0
Physical form of the feedstock: Chips, Sawdust, Offcuts

p. **Estimated amount of EU RED-compliant sustainable feedstock that could be collected annually by the BP:** 100000 tonnes

q. What is the estimated amount of EU RED-compliant sustainable feedstock that could be harvested annually in a Supply Base (estimated): 5000000.00 tonnes

Explanation: In Estonia the sustainable harvesting rate for RED-compliance is around 11 000 000 m3. Considering that ca 40% of this volume is fuelwood an applying a conversion factor of 50% for the remaining volume gives an estimation for the amount of Industry residues. Conservatively at least 90% of this volume can be considered as RED compliant.

3 Supply Base Risk Assessments and Risk Management Measures

Guidance: Biomass Producers shall demonstrate that any specified risks of sourcing feedstock not in compliance with SBP Standard 1 have been adequately reduced to low risk, following Standard 2 requirements. Following section applies to Biomass Producer's implementing SBP Supply Base Evaluation (SBP RRA or company own risk assessment). EU RED Supply Base Evaluation details are reported in Annex 2.

☒ **Not Applicable – Supply Base Evaluation not implemented**

3.1 Summary of the Supply Base Evaluation

3.2 Conflicts with applicable national and sub-national legislation

3.3 Risk Management Measures

Guidance: Please provide more details about specified risk indicators in each supply country and describe mitigation measures taken to address all specified risks associated with indicators.

4 Stakeholder engagement

4.1 General description

Biomass Producer's stakeholder engagement start date:

Biomass Producer's stakeholder engagement end date:

Total number of stakeholders contacted:

Give a general description of the process of Stakeholders Engagement, including stakeholders contacted, method of communication and a summary of the comments received:

Stakeholder engagement plan is prepared and company contact information is publicly available. However since an SBE is not in the scope of operations and only tertiary feedstock is used in production an stakeholder consultation was not carried out at this stage.

4.2 Response to stakeholder comments

5 Report updates and approval

This document is: Updated SBR (surveillance audits/scope-change audits)

Summary of changes: N/A

Name	Viljo Aros
Title	Management representative
Date of report approval	04 Feb 2026

Annex 1: Detailed findings for Supply Base Evaluation indicators

Annex 2: EU RED Supply Base Evaluation

Not Applicable (RED II SBE not included)

Annex 2a: EU RED II Supply Base Evaluation

Annex 3: SBP Processing residues and/or Post-consumer feedstock requirements

☐ Not Applicable (Processing Residues and/or post-consumer feedstock not used)

Verification and monitoring of suppliers

Wood industry residues do not need to meet the sustainability requirements of the RED directive, but it is crucial to prove that these materials are indeed residues and not intentionally produced.
Ardor has a list of approved suppliers which includes their name, legal address, type of supplier (producer, trader) and feedstock type. All suppliers have to sign a Supplier Code of Conduct and suppliers delivering wood industry residues have to submit a self-declaration stating, that the supplied materials are residues.

Feedstock inspection and classification upon receipt

Visual inspection is applied to all suppliers and raw materials upon receipt at the gate. All deliveries are weighed and a sample is taken for determination of moisture.

Supplier audit for processing residues and post-consumer feedstock

The company's supplier auditing process does not forsee supplier audits for suppliers of tertiary/pre-consumer reclaimed feedstock.

Annex 4: EU RED detailed findings for Trees Outside Forest (TOF) feedstock

NOTE: For "Trees outside forests (TOF) – Urban and landscape feedstock" no EU RED sustainability requirements apply, only the GHG savings criteria apply (SBP EU RED Bridging ID v2.0 Section 1.1). The land use category in this case is neither forest land nor agricultural land. For "Trees outside forests (TOF) – Agricultural land feedstock" the applicable criteria are Article 29 paragraphs (2)-(5).

Not Applicable (RED II TOF not included)

Annex 4a: RED II detailed findings for Trees Outside Forest (TOF) feedstock

NOTE: For "Trees outside forests (TOF) – Urban and landscape feedstock" no REDII sustainability requirements apply, only the GHG savings criteria apply (SBP REDII Bridging ID Section 4.2). The land use category in this case is neither forest land nor agricultural land. For "Trees outside forests (TOF) – Agricultural land feedstock" the applicable criteria are Article 29 paragraphs (2)-(5).