



Standards Development Process

# SBP Standard 5: Collection and Communication of Data

Revision Draft Version 1 for Public Consultation

(for status see document history on page ii)

Sustainable Biomass Program  
[sbp-cert.org](http://sbp-cert.org)

# Revision Draft Version 1 for Public Consultation

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Formal status of document: Consultation Document

## Document history

(see Standards Development Process Terms of Reference v1, page 29)

SEC editing team working document	
Working Group C working document	
Agreed by Working Group C	
Technical Committee review document	
Technical Committee reviewed	
Standards Committee review document	
Standards Committee reviewed	
Working Group C working document for public consultation approval	
Approved by Working Group C as Revision Draft v1 for public consultation	<b>X</b>

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## Summary of changes

- Added new sections: Summary of changes, Introduction (in place of SBP Background), Objective, and How to use this document
- Abbreviations section removed
- Updated references to SBP database and ID5E
- Re-worded several clauses to make them normative and otherwise moved them to Objective, Scope, How to use this document, or Background

Removed unnecessary non-normative clauses

## Legend

Colour Coding	Identified change between current Standard 5 and Revision Draft v1
	No change
	Text moved within the same document
	Text moved to another SBP document
	Text removed
	Re-worded/updated text without change to meaning
	Text revised with meaning of text changed
	New text added from another SBP document
	New text added from elsewhere without modification
	New original text or added from elsewhere with modification

Colour Coding	Standard 5	Standard 5 Revision Draft v1	Notes re: changes
	Contents	Contents	
	List of abbreviations	A Introduction	
	1 Background	B Objective	
	2 Scope	C Scope	
	3 Normative references	D How to use this document	
	4 Glossary of Terms and Definitions		
		E Normative references	
		F Abbreviations	
	5 General principles	1 General principles	
	6 The SBP database of GHG and profiling data	2 The SBP Data Transfer System (DTS)	
	7 Product groups and batch specific data	3 Product groups and batch specific data	
	8 The Biomass Producer's Supply Base Report		
	Background	A Introduction	
	<p>The Sustainable Biomass Partnership (SBP) was formed in 2013 by European utilities that are using biomass, mostly in the form of wood pellets or chips, in large thermal generating plants. Biomass-fired power and heat generation is seen as an important technology for achieving the EU's 2020 renewable energy targets and EU member states are adopting their own national approaches to ensuring that the biomass used is legally and sustainably sourced.</p> <p>SBP's objective is to develop the tools necessary to demonstrate that, as a minimum, solid biomass</p>	<p>The Sustainable Biomass Program (SBP) is a certification system designed for woody biomass, mostly in the form of wood pellets and woodchips, used in industrial, large-scale energy production.</p> <p>SBP's certification system provides assurance that woody biomass is sourced from legal and sustainable sources, and a means to collect and communicate sourcing and greenhouse gas (GHG) data along the supply chain, allowing companies in the biomass sector to demonstrate compliance with regulatory requirements.</p>	

	<p>used for energy production meets these national requirements. The SBP Framework is designed as a clear statement of principles, standards and processes necessary to demonstrate such compliance. Wherever possible, the Framework takes into account and builds on existing regulatory mechanisms and on voluntary certification standards already applied to other forest product streams or to other biomass sources.</p> <p>The SBP Framework provides a means to collect data describing the nature of the feedstock as well as data to be employed in the regulatory calculations of greenhouse gas (GHG) savings from its use. It also provides a means to demonstrate that risks to forest carbon stocks are managed and that forests' carbon sequestration capability is maintained.</p> <p>Collectively, the six SBP Standards represent a certification framework, or scheme, against which organisations can be assessed for compliance by independent third-party Certification Bodies (CBs). An organisation that satisfactorily demonstrates compliance receives a certificate and is entitled to make SBP claims in relation to its biomass.</p> <p>The SBP Framework is made freely available for use by all supply chain actors irrespective of whether or not they are members of SBP.</p>	<p>There are six SBP Standards, which collectively represent the SBP certification framework, or scheme, against which organisations can be assessed for compliance by independent third-party Certification Bodies (CBs). Wherever possible, the framework takes into account and builds on existing regulatory mechanisms and on voluntary certification standards already applied to other forest product streams or to other biomass sources. An organisation that satisfactorily demonstrates compliance receives a certificate and may be entitled to make SBP claims in relation to its certified biomass.</p> <p>The SBP framework is made freely available for use by all supply chain actors irrespective of whether or not they are members of SBP.</p>	
		<p><b>B Objective</b></p>	
		<p>This Standard defines the requirements and options for the collection of data for the purposes of:</p> <ul style="list-style-type: none"> <li>• enabling energy and carbon balance calculations by end-users,</li> <li>• providing feedstock profiling data required by individual regulators, and</li> </ul>	

		<ul style="list-style-type: none"> <li>communicating to external stakeholders on sustainability characteristics of biomass feedstock.</li> </ul>	
	2 Scope	C Scope	
	<p>This document (SBP Standard 5: Collection and Communication of Data) defines the requirements and options for collecting data which must accompany SBP-certified materials through the supply chain including the various greenhouse gas and profiling data required by generators in different EU Member States.</p> <p>Certification against this Standard is required for all parties that take legal ownership of SBP-certified biomass and that wish to sell the product as SBP-certified with certified energy and carbon and profiling data. Parties that are not certified to this standard cannot make claims regarding the energy and carbon or profiling data of SBP-certified biomass. Service providers which are part of the SBP supply chain but do not take legal ownership of the biomass (e.g. transport companies, storage platforms) may choose whether or not they wish to be certified against this standard.</p>	<p>Certification against this Standard is required for all organisations that take legal ownership of SBP-certified biomass and that wish to sell the product as SBP-certified with certified energy and carbon and profiling data.</p> <p>Organisations that are not certified to this Standard cannot make claims regarding the energy and carbon or profiling data of SBP-certified biomass.</p> <p>Service providers that are part of the SBP supply chain but do not take legal ownership of the biomass (e.g., transport companies, storage platforms) may choose whether or not they wish to be certified against this Standard.</p>	Note: SBR/profiling data likely to be covered under Standard 2 in final version
		D How to use this document	
		<p>This Standard is intended for use in conjunction with Standard 4: Chain of Custody and Standard 2: Verification of SBP-compliant Feedstock where applicable.</p> <p>The end-user of the biomass is responsible for the calculation of energy and carbon balance of the supply chain, in accordance with Standard 6: Energy and Carbon Balance Calculation. The Biomass Producer(s) (BP) and other organisations</p>	

		<p>along the supply chain are not responsible for calculating the energy and carbon balance of the supply chain.</p> <p>All legal owners of biomass within the supply chain are required to provide all necessary data, to the accuracy necessary, to enable those calculations by the end-user. Each legal owner of biomass in the supply chain passes information relevant to each batch of pellets to the next legal owner and end-user, including sustainability and carbon and energy data.</p>	
	3 Normative references	E Normative references	
	<p>SBP Standard 1: Feedstock Compliance Standard</p> <p>SBP Standard 2: Verification of SBP-compliant Feedstock</p> <p>SBP Standard 3: Certification Systems. Requirements for Certification Bodies</p> <p>SBP Standard 4: Chain of Custody</p> <p>SBP Standard 6: Energy and Carbon Balance Calculation</p>	<p>SBP Standard 1: Feedstock Compliance</p> <p>SBP Standard 2: Verification of SBP-compliant Feedstock</p> <p>SBP Standard 3: Requirements for Certification Bodies</p> <p>SBP Standard 4: Chain of Custody</p> <p>SBP Standard 6: Energy and Carbon Balance Calculation</p> <p>SBP Glossary of terms and definitions</p>	Added Glossary of terms and definitions
	List of abbreviations	F Abbreviations	Removing this section from all Standards
	BP Biomass Producer	BP Biomass Producer	
	CPET Central Point of Expertise for Timber (run by DEFRA)		
	CB Certification Body		
	CoC Chain of Custody		
	CHP Combined Heat and Power		

CITES Convention on International Trade in Endangered Species		
DEFRA UK Department for Environment, Food and Rural Affairs		
DECC UK Department of Energy and Climate Change		
EUTR European Union Timber Regulation		
FM Forest Management		
FMS Forest Management Scheme		
FSC® Forest Stewardship Council		
GRI Global Reporting Initiative		
GGL Green Gold Label		
GHG Greenhouse Gas		
ILO International Labour Organisation		
LVS Legality Verification Systems		
LAV Locally Applicable Verifiers		
PPE Personal Protective Equipment		
PEFC Programme for the Endorsement of Forest Certification		
RRA Regional Risk Assessment		
RA Risk Assessment		
RSB Roundtable on Sustainable Biomaterials		
SVP Supplier Verification Programme		
SB Supply Base		



	SBE	Supply Base Evaluation		
	SBR	Supply Base Report		
	SBP	Sustainable Biomass Partnership		
	SFI	Sustainable Forestry Initiative		
			F Background	Reordered
			<p>There are three methods by which information is communicated:</p> <ol style="list-style-type: none"> <li>1. The Sustainability Audit Report (SAR). These reports are made accessible to traders and end-users being in commercial relationship with a BP via the SBP Data Transfer System (DTS) and enable end-users to report feedstock and carbon data to their regulators.</li> <li>2. Delivery-specific data passed on through the SBP DTS, a delivery comprising a number of batches, a batch being a unit of production with identical energy-carbon data and sustainability characteristics. This information is available to all organisations which take legal ownership of the biomass, including end-users who can use it to report to their regulators.</li> <li>3. The BP's Supply Base Report (see SBP Standard 2). This is publicly available on the SBP website under the BP's reference.</li> </ol>	<p>First paragraph moved to new section: B Objective</p> <p>Revised to provide background information specific to this Standard – from text that was formerly in the body of the Standard.</p> <p>Text added by Technical sub-WG</p>
	4	Glossary of Terms and Definitions		Removed as unnecessary.
		Please refer to separate SBP Glossary of Terms and Definitions.		Removed as unnecessary.
	5	General principles	1 General principles	Renumbered
	5.1	All data submissions must be supported by appropriate evidence.	1.1 All data submissions shall be supported by appropriate evidence.	

	<p>5.2 This Standard requires the collection of data for the purposes of:</p> <ul style="list-style-type: none"> <li>• enabling energy and carbon balance calculations.</li> <li>• providing feedstock profiling data which are required by individual regulators.</li> <li>• communicating to external stakeholders on sustainability of BPs' feedstock inputs.</li> </ul>		Moved to B objective.
	<p>5.3 There are three methods by which information is communicated.</p> <p>1) The SBP database of GHG and profiling data. These data are accessible by generators and enable them to report to their regulators.</p> <p>2) Batch specific data which is specific to each delivery of biomass. (A batch is a unit of production with identical energy and carbon, profile and sustainability characteristics data. A delivery can comprise a number of batches.) This information is available to all organisations which take legal ownership of the biomass.</p> <p>3) The BP's Supply Base Report. This is publicly available on the BP's and the SBP websites.</p>		Moved to F Background.
	6 The SBP database of GHG and profiling data	2 The SBP Data Transfer System (DTS)	Updated to name of SBP database.
	6.1 It is the ultimate user of the biomass who is responsible for the calculation of energy and carbon balance of the supply chain.		Covered in D How to use this document.

	6.2 The BP is not responsible for calculating the energy and carbon balance of the supply chain. All legal owners shall provide all necessary data to the accuracy necessary to enable those calculations.	2.1 The organisation shall provide all necessary data to the accuracy necessary to enable calculations by end-users.	1 <sup>st</sup> sentence moved to D How to use this document. 2 <sup>nd</sup> sentence made specific to user of this Standard.
	6.3 Each organisation which takes legal ownership of SBP-certified biomass shall record any changes in carbon, energy or profiling data that occurs during the period of ownership.	2.2 The organisation shall record any changes in carbon, energy or profiling data that occur during the period of ownership, in accordance with SBP Instruction Document 5E: Collection and Communication of Energy and Carbon Data.	Reworded to be specific to users of this Standard and to cover 6.4.
	6.4 The mechanism for recording data in the SBP database of GHG and profiling data is defined in the SBP Instruction Document 5A: Collection and Communication of Data.		Covered in rewording of 2.2. Updated reference.
	7 Product groups and batch specific data	3 Product groups and batch specific data	
	7.1 The BP shall categorise the feedstock into one or more Product Groups. Details of the product groups are found in Instruction Document 5A: Collection and Communication of Data.	3.1 The organisation shall categorise the feedstock into one or more product groups, in accordance with Instruction Document 5E: Collection and Communication of Energy and Carbon Data.	Reworded and updated reference to 5E which replaced 5A.
	7.2. Each legal owner is required to pass information relevant to each batch of pellets to the next legal owner and end-user, including sustainability and carbon and energy data.	3.2 The organisation shall provide accurate carbon and energy data, pertaining to each batch of biomass supplied, to the next legal owner in accordance with Instruction Document 5E: Collection and Communication of Energy and Carbon Data.	Reworded to be specific to users of this Standard and to cover 7.3.
	7.3 The requirements for these data and the mechanism for communicating these data are defined in the Instruction Document 5A: Collection and Communication of Data.		Covered in rewording of 3.2 with updated reference to 5E, which replaced 5A.
	8 The Biomass Producer's Supply Base Report		Removed as unnecessary.

	8.1 Each BP is required to publish a publicly available Supply Base Report (SBR).		Removed as unnecessary.
	8.2 The requirements for this report are set out in SBP Standard 2: Verification of SBP-compliant Feedstock.		Removed as unnecessary.