



2BSvs Biomass Biofuels Sustainability voluntary scheme  
Requirements for the Verification of Biomass Production  
(First gathering entity and biomass producers)

Doc : 2BSvs-STD-01  
Rev. :V 1.7 – EN  
Ref. : 2011

Date approved:  
10/05/2011

**2BSvs voluntary scheme**

**REQUIREMENTS FOR THE VERIFICATION OF BIOMASS  
PRODUCTION (First gathering entity and biomass producers)**

**Note on status of this document**

This reference document is an integral part of the 2BSvs voluntary scheme developed by the Consortium with the technical support of Bureau Veritas. The current version of the document has been validated by the Consortium on 08 December 2010 to be presented to the European Commission for formal recognition in conformity with the requirements of the European Directive 2009/28/EC.



2BSvs Biomass Biofuels Sustainability voluntary scheme  
Requirements for the Verification of Biomass Production  
(First gathering entity and biomass producers)

Doc : 2BSvs-STD-01  
Rev. :V 1.7 – EN  
Ref. : 2011

Date approved:  
10/05/2011

**Table of Content**

**Introduction..... 3**

**Principle 0 : Internal management and monitoring system..... 6**

**Principle 1: Mass Balance System for Biomass..... 10**

**Principle 2 : Greenhouse Gaz Savings ..... 14**

**Principle 3 : High Biodiversity Lands ..... 15**

**Principle 4 : High Carbon Stock Lands ..... 18**

**Principle 5 : Peatlands ..... 20**

**Principle 6 : Agro-environmental Practices ..... 22**

**Principle 7 : Soil, Water and Air Protection ..... 23**

**Principle 8: Social Sustainability ..... 24**



## 2BSvs Biomass Biofuels Sustainability voluntary scheme Requirements for the Verification of Biomass Production (First gathering entity and biomass producers)

Doc : 2BSvs-STD-01  
Rev. :V 1.7 – EN  
Ref. : 2011

Date approved:  
10/05/2011

### **Introduction**

The voluntary scheme 2BSvs has been developed to allow biomass producers, 1<sup>st</sup> gathering entities and economic operators along the biofuels supply chain to demonstrate the sustainability of their products in conformity with the European Union Directive 2009/28/EC.

The 2BS voluntary scheme has been designed to cover all the requirements of the Directive 2009/28/EC and related EC Communication, with the exception of the requirements related to high biodiversity grassland (EU Directive 2009/28/EC, article 17.3.c) pending an official definition of high biodiversity grassland by the European Commission, by:

- Covering all the sustainability criteria of the Directive 2009/28/EC (GHG emission savings, Lands with high biodiversity values with the exception of high biodiversity grassland, Lands with high carbon stocks, and peatlands).
- Ensuring that 1<sup>st</sup> gathering entities and economic operators provide accurate and reliable information regarding the origin of the biomass and/or biofuels in conformity with the sustainability criteria of the Directive 2009/28/EC.
- Ensuring independent auditing of the systems used by biomass producers, 1<sup>st</sup> gathering entities and economic operators to verify that they are accurate, reliable and protected against fraud.
- Ensuring that 1<sup>st</sup> gathering entities and economic operators participating in the Scheme have an auditable system in conformity with points 2 & 5.2 of Module D1 of Annex II of the Decision on a Common Framework for the Marketing of Products, and have accepted the responsibility for preparing any information related to the auditing of such evidence.
- Ensuring that the biomass producers, 1<sup>st</sup> gathering entities and economic operators use an appropriate mass balance system in conformity with the Directive 2009/28/EC article 18.1.

The Requirements for the verification of Biomass Production contained in this document have been designed to cover the biomass producers, 1<sup>st</sup> gathering entity and any related commercial transaction between these entities, and to meet adequate levels of reliability, transparency and independent auditing. Auditing by an independent verification body ensures that the systems implemented by the 1<sup>st</sup> gathering entity and related biomass producers that are covered under the scope of the certificate are reliable and protected against fraud in conformity with the European Union Directive and point 5.2 of Module D1 of Annex II of the Decision on a Common Framework for the Marketing of Products.

These requirements shall be applied to verify the conformity of the biomass producers, 1<sup>st</sup> gathering entity, and associated 1<sup>st</sup> commercial transactions within the group certification unit as defined by the 1<sup>st</sup> gathering entity (see diagram below). To avoid an excessive burden for operators in general, the 1<sup>st</sup> gathering entity acts as a group manager and is responsible to define the scope of the certification unit and shall identify and specify the biomass producers, collection and storage sites covered by the certification unit for which the 1<sup>st</sup> gathering entity has developed a quality and group management system designed to demonstrate conformity of the biomass with the sustainability criteria



## 2BSvs Biomass Biofuels Sustainability voluntary scheme Requirements for the Verification of Biomass Production (First gathering entity and biomass producers)

Doc : 2BSvs-STD-01  
Rev. :V 1.7 – EN  
Ref. : 2011

Date approved:  
10/05/2011

set in the European Directive 2009/28/EC. The certification unit for the biomass production and related 1<sup>st</sup> commercial transactions as defined in the 2BSvs voluntary scheme shall include the biomass producers as group members and the 1<sup>st</sup> gathering entity as group manager. Biomass producers included within the scope of the certificate shall be near each other and share similar characteristics.

The verification requirements set in this document apply to the first gathering entity and the biomass producers. However, demonstration of conformity with these requirements shall not affect, replace or impact their respective individual technical, commercial or legal responsibilities.

This document is an integral part of the 2BSvs voluntary scheme developed to evaluate the sustainability of biofuels and shall not be used to evaluate 1<sup>st</sup> gathering entities and their related biofuels producers without implementing all the relevant procedures and requirements of the 2BSvs voluntary scheme.



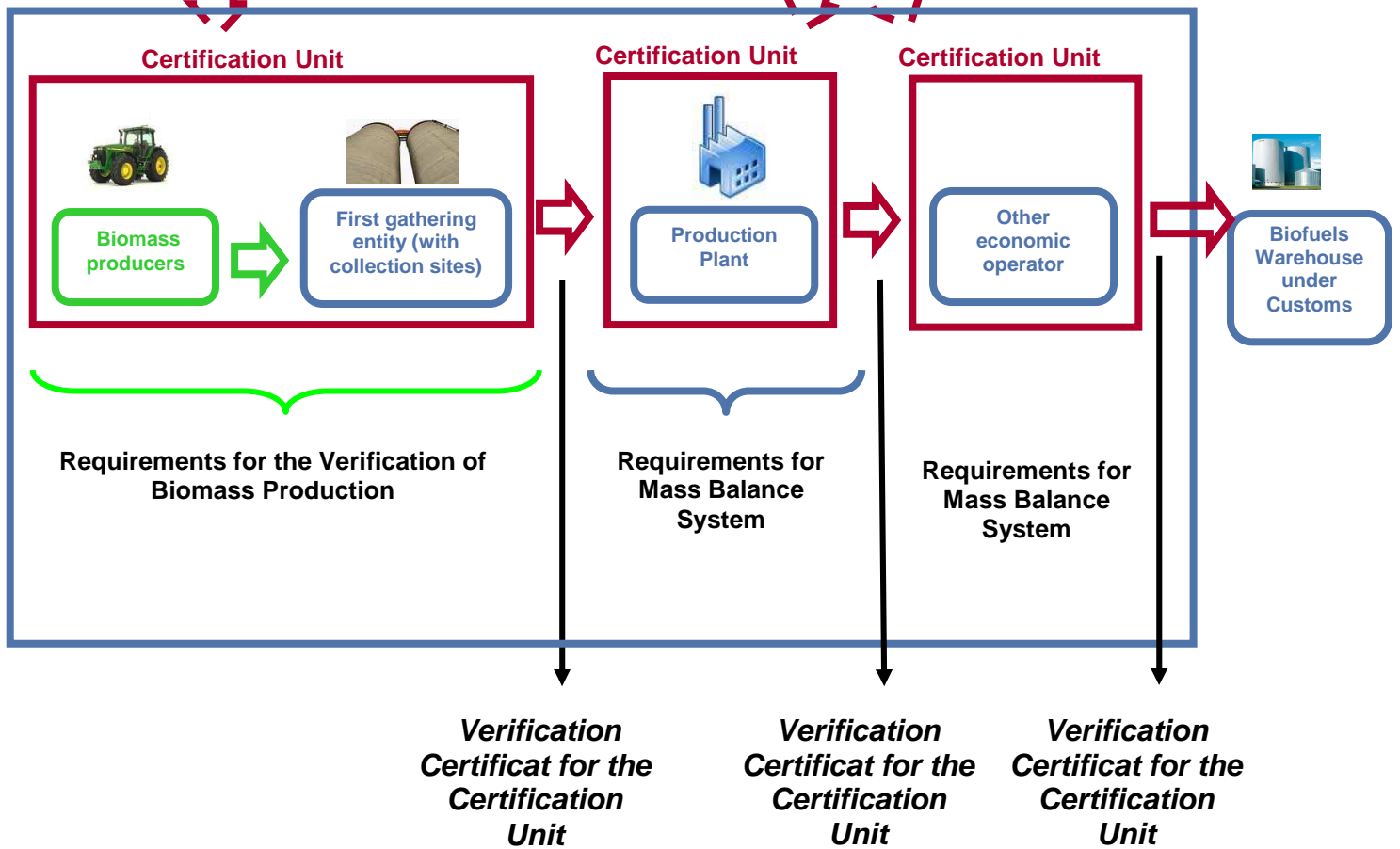
2BSvs Biomass Biofuels Sustainability voluntary scheme  
Requirements for the Verification of Biomass Production  
(First gathering entity and biomass producers)

Doc : 2BSvs-STD-01  
Rev. : V 1.7 – EN  
Ref. : 2011

Date approved:  
10/05/2011

The Requirements for Mass Balance System for biomass producers and 1<sup>st</sup> gathering points are defined in 2BSvs-STD-01, under Principle 1

The Requirements for Mass Balance System defined in this document apply to the economic operators in the sustainable biofuels' supply chain.





### **Principle 0 : Internal management and monitoring system**

*The 1st gathering entity **shall** have available and up-to-date records of accurate data concerning the sustainability criteria and all information required to demonstrate conformity with the EU Directive 2009/28/EC.*

**Criterion 0.1:** The 1st gathering entity **shall** have access to relevant and detailed information regarding the origin (country of origin and supplier) of the biomass and may perform a risk analysis and assessment.

**Indicator 0.1.1:** The 1st gathering entity **shall** define the data, documents and/or records needed for its suppliers of biomass covered by the certification unit to demonstrate that the biomass is in conformity with the European Directive and that the biomass can be considered as sustainable. Such evidence shall be based on relevant official records, official land registry, data or documents that can be independently verified.

- **Verifier:** List of official data, documents land registry and/or records, or
- **Verifier:** List of official documents currently in use.

**Indicator 0.1.2 (Major Indicator):** The 1st gathering entity **shall** establish a list of all its suppliers of biomass claiming sustainability with the approximate localization of the production area. Biomass producers included within the scope of the certificate shall be near each other and share similar characteristics. This list shall be kept as part of the records of the entity and shall be reviewed and updated at least once a year.

- **Verifier:** Detailed list of suppliers with for each supplier with the name, address, and main characteristics (location, type of feedstock cultivated, etc) or
- **Verifier:** Detailed list of suppliers with for each supplier the geographical location of the production area with for example geographical coordinate as a reference (e.g. One central point with an estimate of the production area from this central point, or coordinates of the extreme points of the area of production or precise coordinate of the production area) and main characteristics (location, type of feedstock cultivated, etc).

**Indicator 0.1.3:** The 1st gathering entity **shall** have a declaration, questionnaire, form or other document signed by its suppliers of biomass demonstrating their commitment to ensure that the biomass declared as sustainable has been produced in compliance with the requirements of the European Directive. The form used for this declaration may take different forms but shall contain an explicit statement regarding the sustainability requirements to comply with and a requirement to inform the 1<sup>st</sup> gathering entity of any possible change whenever it may occur.

- **Verifier:** Signed Scheme Declaration Form, or
- **Verifier:** Contract with appropriate clause, or
- **Verifier:** Amendment to existing contract, or
- **Verifier:** Other questionnaire or form used during site visits by 1<sup>st</sup> gathering entity.



2BSvs Biomass Biofuels Sustainability voluntary scheme  
Requirements for the Verification of Biomass Production  
(First gathering entity and biomass producers)

Doc : 2BSvs-STD-01  
Rev. :V 1.7 – EN  
Ref. : 2011

Date approved:  
10/05/2011

**Indicator 0.1.4:** The 1st gathering entity **shall** have identified and recorded the origin and country of origin of the biomass through the suppliers' declarations. This can be done based on the address declared by the supplier or relevant coordinates.

- **Verifier:** Location of the suppliers of biomass, country of origin, NUTS 2 region, or
- **Verifier:** Land registry document, or
- **Verifier:** Geographical coordinates, or
- **Verifier:** Have access to Reference Map of Agricultural Parcels.

**Criterion 0.2:** The 1st gathering entity **shall** have received and/or recorded relevant and detailed information regarding the type and volume of biomass supplied, including any sustainability and GHG characteristic (*Note: This Criterion 0.2 needs to be audited within the context of the requirements defined in other Criteria under Principle 1 below*).

**Indicator 0.2.1:** The 1st gathering entity **shall** have implemented a procedure to record all the information, data and documents required to receive and classify biomass as sustainable. All records **shall** be kept for five (5) years.

- **Verifier:** Documented procedure
- **Verifier:** Evidence that procedure has been implemented
- **Verifier:** List with information required.

**Indicator 0.2.2 (Major Indicator):** The 1st gathering entity **shall** have records of all relevant information for each batch, consignment and/or volume of the potentially sustainable biomass that it received. These records shall be available to independent auditors for review at any time.

- **Verifier:** Records including sustainability and GHG characteristics.

**Criterion 0.3:** The 1st gathering entity **shall** develop and implement a quality and monitoring system to monitor the biomass producers covered by the scope of the certificate and ensure that all information regarding biomass is accurate, reliable and trustworthy. This information should be monitored by the 1<sup>st</sup> gathering entity to ensure it is accurate and reliable through internal monitoring and verification activities.

**Indicator 0.3.1:** The 1st gathering entity **shall** appoint a manager responsible for the implementation of the monitoring system, including all internal monitoring activities.

- **Verifier:** Terms of reference of manager with explicit responsibilities and powers with regards to the sustainability characteristics of the biomass.
- **Verifier:** Designated manager to be interviewed by independent auditor.

**Indicator 0.3.2:** The 1st gathering entity **shall** identify and establish a list of the information, data and documents that need to be checked during monitoring activities of the biomass producers. The system of the 1<sup>st</sup> gathering entity should include written policies, forms and instructions that contain an adequate description of the quality objectives, the organisational structure, the quality control and quality assurance



## 2BSvs Biomass Biofuels Sustainability voluntary scheme Requirements for the Verification of Biomass Production (First gathering entity and biomass producers)

Doc : 2BSvs-STD-01  
Rev. :V 1.7 – EN  
Ref. : 2011

Date approved:  
10/05/2011

techniques, the monitoring frequency, the quality records such as inspection reports and the means of achieving the monitoring of the required product sustainability criteria.

- **Verifier:** List of information, data and documents to be checked during document review, visits and/or monitoring audits.

**Indicator 0.3.3:** As part of its monitoring activities, the 1st gathering entity **shall** verify (through a combination of visits or other appropriate means) a number of suppliers of biomass claiming sustainability and keep records of these verifications, to ensure that the information provided by suppliers of biomass is accurate, reliable and trustworthy. During these verifications, the internal auditors of the 1<sup>st</sup> gathering entity should review the self declaration form signed by the farmer and check all relevant documented evidence demonstrating that the declaration is accurate and reliable. Samples of the evidence reviewed maybe kept as records of these verifications. When a biomass producer cannot demonstrate conformity with the sustainability requirements, it shall be removed from the list of sustainable suppliers.

- **Verifier:** Verification schedule, or
- **Verifier:** Records of verifications.

**Indicator 0.3.4:** The 1st gathering entity **shall** verify a number of new suppliers of potentially sustainable biomass added to the initial scope of the certificate awarded. The same procedure as above should be followed. When a biomass producer cannot demonstrate conformity with the sustainability requirements, it shall be removed from the list of sustainable suppliers.

- **Verifier:** List of new suppliers accepted as suppliers of sustainable biomass, and
- **Verifier:** Records of verifications.

**Indicator 0.3.5 (Major Indicator):** The designated manager of the 1st gathering entity **shall** perform annual reviews of its internal monitoring system to address potential nonconformities and ensure continuous improvement. Relevant procedures and records shall be checked by the manager and a report written to record the annual review, including the level of conformity of the biomass producers. Such annual review report may be sent to top management for review, action and/or approval.

- **Verifier:** Internal review plan, or
- **Verifier:** Report of internal reviews.

**Criterion 0.4:** The 1st gathering entity **shall** ensure that all suppliers of biomass covered under the certification unit (i.e. group members) and personal have received adequate information and/or training as needed to implement the system and ensure the sustainable characteristics of the biomass. The 1<sup>st</sup> gathering entity can choose its own preferred method to inform and train people but records of information and/or training shall be kept.

**Indicator 0.4.1:** The 1st gathering entity **shall** develop appropriate information and/or training material for all relevant staff members and all its suppliers of biomass claiming sustainability. Such material should be available for review by the independent auditor.

- **Verifier:** Information and/or training material.



2BSvs Biomass Biofuels Sustainability voluntary scheme  
Requirements for the Verification of Biomass Production  
(First gathering entity and biomass producers)

Doc : 2BSvs-STD-01  
Rev. :V 1.7 – EN  
Ref. : 2011

Date approved:  
10/05/2011

**Indicator 0.4.2:** The 1st gathering entity **shall** develop and implement a training and/or information sessions plan covering all relevant staff members and all its suppliers of biomass claiming sustainability.

- **Verifier:** Training and/or information sessions plan, or
- **Verifier:** Interviews with staff members and suppliers, or
- **Verifier:** Evidence of implementation, or
- **Verifier:** List of information and/or training session with date and location, or
- **Verifier:** List of participants for each information and/or training session.

**Criterion 0.5:** The 1st gathering entity **shall** have and maintain up to date appropriate registries and records covering all requirements included in this document.

**Indicator 0.5.1:** The 1st gathering entity **shall** identify and make a list of all documents, information and data that are relevant to demonstrate conformity of producers of biomass with the requirements of the European Directive. Such documented evidence can differ on a case by case basis and needs to be established by the 1<sup>st</sup> gathering point when the certification unit is defined. The system should contain written policies, procedures and instructions.

- **Verifier:** List of all relevant documents, information and data.

**Indicator 0.5.2:** The 1st gathering entity **shall** keep records for each supplier of biomass of the documents, information and/or data that have been identified and listed as relevant to demonstrate conformity with the requirements of the European Directive.

- **Verifier:** Procedure related to record keeping, maintenance and/or document control.
- **Verifier:** Records.

**Indicator 0.5.3:** The 1st gathering entity **shall** keep all records for the period of validity of the verification certificate; i.e. five (5) years.

- **Verifier:** Procedure related to record keeping, maintenance and/or document control.
- **Verifier:** Records.

**Criterion 0.6:** Biomass from unknown country of origin or unclear origin **shall not** be considered and classified as sustainable.

**Indicator 0.6.1:** The 1st gathering entity **shall** have a procedure to verify that a supplier is in conformity with the requirements of the European Directive 2009/28/EC before classifying as sustainable the biomass originating from this supplier.

- **Verifier:** Declaration form for biomass producers



**Indicator 0.6.2:** For all suppliers of biomass claiming sustainability that have declared land use change in the previous year(s), the 1st gathering entity **shall** have recorded the corresponding  $e_1$  value (land use change).

- **Verifier:** List of suppliers of biomass claiming sustainability where land use change have resulted in carbon emission and carbon stock change.

**Indicator 0.6.3 (Major Indicator):** The 1st gathering entity **shall** have developed and implemented a procedure to ensure that in case of doubt regarding the origin or country of origin of the biomass, the precautionary principle is applied and the biomass is not registered and/or claimed as sustainable.

- **Verifier:** Written procedure, and
- **Verifier:** Evidence that the procedure has been communicated to all relevant staff, and
- **Verifier:** Interview with relevant staff to ensure awareness and systematic implementation of the procedure.

### **Principle 1: Mass Balance System for Biomass**

*The 1st gathering entity **shall** implement a mass balance system in conformity with the EU Directive Article 18, sections 1.a, 1.b and 1.c.*

**Criterion 1.1:** The 1st gathering entity **shall** have developed and documented a control system for the biomass received based on a mass balance system at the level of containers, processing logistical facilities or sites (defined as a geographical location with precise boundaries within which products can be mixed) to ensure that “sustainability characteristics” remain assigned to “consignments”, in conformity with the European Directive.

**Indicator 1.1.1 (Critical Indicator):** The 1st gathering entity **shall** have developed and documented a mass balance system for the potentially sustainable biomass it receives. Such mass balance may be consolidated centrally as long as relevant information (i.e. inputs and outputs, type of feedstock, year of harvest, volume, country of origin, sustainability characteristics and, if required, GHG characteristics, including if the biomass was harvested in a NUTS 2 or NUTS 3 EU area qualified for disaggregated cultivation default values, as published on the European Commission transparency platform) is available for each processing or logistical facility, or site.

- **Verifier:** Set of documented procedures for mass balance system, or
- **Verifier:** Set of work instructions.

**Indicator 1.1.2:** The 1st gathering entity **shall** have identified, characterised and classified the types of biomass it receives into different categories making reference to the type of feedstock, year of harvest, country of origin, sustainability characteristics and, if required, GHG characteristics.

- **Verifier:** List with categories of biomass defined by type of feedstock, year of harvest, country of origin, sustainability characteristics and, if required, GHG characteristics.



2BSvs Biomass Biofuels Sustainability voluntary scheme  
Requirements for the Verification of Biomass Production  
(First gathering entity and biomass producers)

Doc : 2BSvs-STD-01  
Rev. :V 1.7 – EN  
Ref. : 2011

Date approved:  
10/05/2011

**Indicator 1.1.3 (Major Indicator):** The 1st gathering entity **shall** record all information, data and/or documents received that were used to classify the biomass as sustainable. All records shall be kept for a period of five (5) years. These records shall include at least the self declaration forms of the suppliers classified as sustainable, the delivery/ documents and evidence of the monitoring process.

- **Verifier:** Records kept for a period of five (5) years.

**Indicator 1.1.4:** The 1st gathering entity **shall** ensure that all relevant personal have received adequate information and/or training as needed to implement the procedures of the mass balance system, centrally and on each logistical site.

- **Verifier:** Training and/or information records.
- **Verifier:** interview with staff members by independent auditor.

**Criterion 1.2:** The mass balance system developed and implemented by the 1st gathering entity **shall** comply with the following requirements.

**Indicator 1.2.1 (Major Indicator):** The 1st gathering entity **shall** develop documented mass balance procedures for biomass, from the delivery of the biomass to the transfer of ownership. These procedures shall cover each processing or logistical facility, or site where potentially sustainable biomass is received. Mass balance procedures should be based on records of inputs (type of feedstock, year of harvest and volume), conversion factors if any processing takes place, records of movements between logistical sites if any, records of outputs, country of origin, sustainability characteristics and GHG characteristics if required.

- **Verifier:** Mass balance procedures.

**Indicator 1.2.2 (Major Indicator):** The 1st gathering entity **shall** check and ensure during reception of the biomass that all relevant documentation, data and/or information is accurate, reliable and trustworthy, and in conformity with the requirements defined in this document. The relevant information should be available in the system and spot checks should be performed and recorded. The 1st gathering entity shall also ensure that relevant information regarding conformity with the sustainability criteria are available to cover the chain from the biomass producer, that the supplier has been registered as sustainable and that the relevant self declaration form is signed and available.

- **Verifier:** Mass balance procedure specifying that the following information needs to be checked at reception; type of feedstock, year of harvest, volume, country of origin, supplier, sustainability characteristics and GHG characteristics if required, and
- **Verifier:** Work instruction, or
- **Verifier:** Records, or
- **Verifier:** Interviews with staff members.

**Indicator 1.2.3 (Major Indicator):** The 1st gathering entity **shall** record in a credit account the origin of the feedstock (including from NUTS 2 region within the EU whenever relevant), type of raw material, biomass feedstock, year of harvest,



2BSvs Biomass Biofuels Sustainability voluntary scheme  
Requirements for the Verification of Biomass Production  
(First gathering entity and biomass producers)

Doc : 2BSvs-STD-01  
Rev. :V 1.7 – EN  
Ref. : 2011

Date approved:  
10/05/2011

intermediate products used in the production of biofuels and/or the biofuels, volume, sustainability, GHG characteristics whenever relevant for all the potentially sustainable biomass that it received. This activity should only be performed by the most competent staff person(s), to maintain a high level of control and avoid wrong sustainability claims, at the level of each logistical site or centrally.

- **Verifier:** Records.

**Indicator 1.2.4 (Critical Indicator):** The 1st gathering entity **shall** ensure that only the biomass for which conformity with the sustainability requirements can be demonstrated is registered as sustainable in the credit account. The following information needs to be registered and checked during internal monitoring and verification activities and by the independent auditor; type of feedstock, year of harvest, volume, country of origin, supplier, sustainability characteristics and GHG characteristics if required.

- **Verifier:** Scheme Declaration Form or other document listed in Indicator 0.1.3, and
- **Verifier:** Records, and
- **Verifier:** Credit account, and
- **Verifier:** Interview with staff members.

**Indicator 1.2.5:** The credit claim period for 1<sup>st</sup> gathering entity and related suppliers **shall not** exceed 18 months from the official starting date of the corresponding harvest campaign. The credit claim period is set at 18 months to allow for the management of stocks, storage and sales of biomass throughout the year based on the sustainable biomass from the previous harvest season, and to cover a relevant transition period between two harvests. It shall be clearly recorded in the credit account that the credit accumulated based on the previous harvest is cancelled at a specific point in time to be defined and documented by the 1<sup>st</sup> gathering point.

- **Verifier:** Credit account, or
- **Verifier:** Records.

**Indicator 1.2.6 (Major Indicator):** The 1st gathering entity **shall** ensure that no credit is claimed before an equivalent credit of sustainable biomass has been harvested, purchased, received and/or registered in the credit account. The 1st gathering entity shall establish a monthly monitoring system to ensure that the balance of the credit account remains positive. A deficit in sustainable biomass and/or biofuels (i.e. that at any point in time more sustainable material has been withdrawn than has been added) shall not occur.

- **Verifier:** Credit account, and
- **Verifier:** End of month balance, and
- **Verifier:** Interview with staff members.

**Indicator 1.2.7:** The 1st gathering entity **shall** maintain its credit account up to date for all the sustainable biomass under its ownership.

- **Verifier:** Credit account, or
- **Verifier:** End of month balance, or



2BSvs Biomass Biofuels Sustainability voluntary scheme  
Requirements for the Verification of Biomass Production  
(First gathering entity and biomass producers)

Doc : 2BSvs-STD-01  
Rev. :V 1.7 – EN  
Ref. : 2011

Date approved:  
10/05/2011

- **Verifier:** Records.

**Indicator 1.2.8:** The 1st gathering entity **shall** ensure that the transfer of credit across national borders, or trading of virtual credit between different legal entities **is not authorized** in its procedures and does not take place.

- **Verifier:** Credit account, or
- **Verifier:** Records.

**Indicator 1.2.9:** The 1st gathering entity **shall** develop and implement a documented procedure to ensure that the correct credit amount is deducted from the credit account when sustainable biomass is sold. A deficit in sustainable biomass (i.e. that at any point in time more sustainable material has been withdrawn than has been added) shall not occur.

- **Verifier:** Procedure, and
- **Verifier:** Credit account, and
- **Verifier:** Records, and
- **Verifier:** Interview with staff members.

**Indicator 1.2.10:** The 1st gathering entity **shall** ensure that the credit account is up to date, accessible to all staff members that need it but also secured against fraud by staff members as well as third parties. This should be periodically checked as part of the monitoring and verification activities implemented by the 1<sup>st</sup> gathering entity. Records should be kept and made available to the independent auditor.

- **Verifier:** Procedure implemented to ensure that the credit system is secured, and
- **Verifier:** Credit account, and
- **Verifier:** Records, and
- **Verifier:** Interview with staff members.

**Indicator 1.2.11:** The 1st gathering entity **shall** ensure that the following information is included on all its sales documents, whenever a sustainability claim is made for the biomass: type of feedstock, year of harvest, volume, country of origin, sustainability characteristics and GHG characteristics if required. Sustainability claims shall not be made before an independent verification audit took place and a certificate has been awarded by an endorsed Independent Verification Body.

- **Verifier:** Sales documents.

**Indicator 1.2.12:** The 1st gathering entity **shall** only make truthful and accurate sustainability claims on sales documents, promotional documents and other communication that correspond to the relevant sustainability claim and available credit of sustainable biomass. Sustainability claims shall only be made if the 1st gathering entity can demonstrate that the sustainability criteria have been fulfilled for the relevant biomass. Sustainability claims should be checked during the monitoring and verification activities of the 1<sup>st</sup> gathering entity. Records should be kept and made available to the independent auditor.

- **Verifier:** Sales documents, or



## 2BSvs Biomass Biofuels Sustainability voluntary scheme Requirements for the Verification of Biomass Production (First gathering entity and biomass producers)

Doc : 2BSvs-STD-01  
Rev. : V 1.7 – EN  
Ref. : 2011

Date approved:  
10/05/2011

- **Verifier:** Promotional documents, or
- **Verifier:** Other communication.

**Indicator 1.2.13:** The 1st gathering entity **shall** develop a coding system specific for the products sold as sustainable in its accounting system in order to ensure that it can link the quantities sold as sustainable on the sales documents.

- **Verifier:** Linked sales documents, product codes or product identification, and accounting system.

### **Principle 2 : Greenhouse Gas Savings**

*The 1st gathering entity **shall** provide to its customers all required information to ensure that the greenhouse gas emission saving from the use of potentially sustainable biofuels is at least 35% in conformity with the EU Directive Article 17, sections 2.*

**Criterion 2.1:** The 1st gathering entity **should** ensure that biomass producers participate in the reduction of emissions of greenhouse gases to achieve the objectives of the EU Directive.

**Indicator 2.1.1:** It is recommended that the 1st gathering entity **should** develop a plan in collaboration with biomass producers to participate in the reduction of emissions of greenhouse gases and ensure that the objectives of the EU Directive of 35% from 01 January 2010, 50% from 01 January 2017 and 60% from 01 January 2018<sup>1</sup> can be achieved whenever applicable.

- **Verifier:** Reduction plan, or
- **Verifier:** Procedures developed to monitor progress.

**Criterion 2.2:** When the 1st gathering entity wants to use the default value for the biomass, he **shall** use the appropriate default value proposed by the European Directive, Annex V point D and shall record and justify its decision. Please note that default values also exist for different raw materials, such as waste vegetable or animal oil process. Furthermore, default values for some raw material may also depend on the process type (i.e. wheat ethanol and palm oil biodiesel).

**Indicator 2.2.1 (Critical indicator):** For suppliers of biomass claiming sustainability that are located outside the European Union or in a European Union NUTS 2 region qualified for cultivation default values on the European Commission transparency platform, the relevant default value for the corresponding raw material, biomass and correct process type, if relevant, may be used. To use a default value the 1<sup>st</sup> gathering entity shall ensure that the biomass has not been produced on land with land use change since January 2008, such as the conversion of permanent grassland.

- **Verifier:** Location of the suppliers of biomass, or
- **Verifier:** Land registry document, or

<sup>1</sup> From 1 January 2018 greenhouse gas emission saving shall be at least 60 % for biofuels and bioliquids produced in installations in which production started on or after 1 January 2017.



## 2BSvs Biomass Biofuels Sustainability voluntary scheme Requirements for the Verification of Biomass Production (First gathering entity and biomass producers)

Doc : 2BSvs-STD-01  
Rev. : V 1.7 – EN  
Ref. : 2011

Date approved:  
10/05/2011

- **Verifier:** Geographical coordinates, or
- **Verifier:** Reference Map of Agricultural Parcels.
- **Verifier:** List of areas (*NUTS 2 level*). recognised and approved by the European Commission as available on the European Commission transparency platform..

**Indicator 2.2.2:** The 1st gathering entity **shall** ensure that the appropriate default values have been used to estimate the GHG emissions of the produced crop. The decision shall be recorded and justified.

- **Verifier:** GHG data for the type of crop in conformity with the European Directive Annex V point D.

**Criterion 2.3:** Whenever the 1st gathering entity wants to use calculated GHG values, the entity **shall** use a calculation methodology approved and recognised by the European Commission

**Indicator 2.3.1 (Critical Indicator):** When calculating GHG values, the 1st gathering entity **shall** use a calculation methodology approved and recognised by the European Commission (Such recognized calculation methodology is not available at the time of writing, but will be available in the future on the European Commission transparency platform and will need to be used in accordance to EC Decision 2010/335/EU of June 2010). No other methodology shall be used to calculate the real GHG emissions generated by the production of the biomass

- **Verifier:** Calculation methodology and data used.

**Criterion 2.4:** The 1st gathering entity **shall** record the biomass with the correct information in terms of GHG emission value that has been determined, either by using the European Directive 2009/28/EC default values or actual GHG calculation using a calculation methodology approved or recognized by the European Commission.

**Indicator 2.4.1 (Major Indicator):** The 1st gathering entity **shall** have recorded accurate information on the type of GHG data attached to the delivered biomass, whenever applicable.

- **Verifier:** Records of information.

**Indicator 2.4.2:** The 1st gathering entity **shall** consider wastes and residues, to have zero life cycle greenhouse gas emissions up to the process of collection.

- **Verifier:** Credit account, and
- **Verifier:** GHG records.

### **Principle 3 : High Biodiversity Lands**

*Sustainable biofuels **shall not** be made from raw material produced on land with High Biodiversity Value (EU Directive Article 17, section 3).*



2BSvs Biomass Biofuels Sustainability voluntary scheme  
Requirements for the Verification of Biomass Production  
(First gathering entity and biomass producers)

Doc : 2BSvs-STD-01  
Rev. :V 1.7 – EN  
Ref. : 2011

Date approved:  
10/05/2011

**Criterion 3.1:** The 1st gathering entity **shall** demonstrate that a system has been implemented to inform biomass producers claiming sustainability that raw material for the production of sustainable biofuels does not come from land that had/ has High Biodiversity Status in or after January 2008, unless, for the areas covered by the article 17-3-b of the RED only, he can provide evidence that the production of raw material did not interfere with nature protection purposes.

**Indicator 3.1.1 (Major Indicator):** The 1st gathering entity **shall** ensure that all its suppliers of biomass claiming sustainability have been informed and made a declaration that raw material for the production of sustainable biofuels does not come from land that had/has High Biodiversity Status in or after January 2008, unless he can provide evidence that the production of raw material did not interfere with nature protection purposes.

- **Verifier:** Signed Scheme Declaration Form with specific clause, or
- **Verifier:** Contract with appropriate clause, or
- **Verifier:** Amendment to existing contract making reference to new requirements.
- **Verifier:** Other questionnaire or form with specific clause, used during site visits by 1<sup>st</sup> gathering entity.

**Indicator 3.1.2:** The 1st gathering entity **shall** in collaboration with its suppliers identify land that had High Biodiversity Status in or after January 2008, within its region of activity, unless he can provide evidence that the production of raw material did not interfere with nature protection purposes. Records shall be kept.

- **Verifier:** Records of verifications of suppliers, or
- **Verifier:** Maps or other registry of land identified as High Biodiversity Value land, or
- **Verifier:** Interview with suppliers.

**Criterion 3.2:** The 1st gathering entity **shall** demonstrate that it has identified the land that had High Biodiversity Status in or after January 2008 within its region of activity, unless he can provide evidence that the production of raw material did not interfere with nature protection purposes.

**Indicator 3.2.1:** The 1st gathering entity **shall** have access to an up to date list of the official documents from competent authorities regarding high biodiversity in its region of activity. The designated manager shall maintain access to all the relevant information for the region concerned. Access to such information and relevance of this information shall be checked by the independent auditor.

- **Verifier:** List of official documents from competent authorities, or
- **Verifier:** Access to relevant Websites such as IUCN, Natura 2000. or
- **Verifier:** Satellite images, site surveys or maps that comprehensively cover the entire region in which the raw material is being produced and are from an official land registry source.



**Indicator 3.2.2:** The 1st gathering entity **shall** use the official documents to identify the areas with potentially high biodiversity in its region of activity and keep records. Records should be made available to and be checked for relevance by the independent auditor.

- **Verifier:** Satellite images, site survey, official maps or other registry of land identified as High Biodiversity Value land, or
- **Verifier:** Satellite images, site surveys or maps that comprehensively cover the entire region in which the raw material is being produced and are from an official land registry source.

**Indicator 3.2.3 (Critical Indicator):** The 1st gathering entity **shall** ensure that biomass does not come from land that was primary forest or other wooded land (i.e. forest and other wooded land of native species) in or after January 2008. This should be checked following a risk analysis by the 1<sup>st</sup> gathering entity. If any risk has been identified, then the 1<sup>st</sup> gathering entity shall investigate to ensure that this sustainability criteria is respected. Evidence of the investigation shall be recorded and shall be made available to the independent auditor.

- **Verifier:** Satellite images, site surveys, official maps or other registry of land identified as primary forest and other wooded land in or after January 2008, or
- **Verifier:** Satellite images, site surveys, official maps or other registry that shows that the land could not be considered as primary forest or other wooded land shortly (at most 36 months) before January 2008, or
- **Verifier:** Satellite images, site surveys or maps that comprehensively cover the entire region in which the raw material is being produced and are from an official land registry source, or
- **Verifier:** Information, report, satellite images or GIS system showing that the localization of each biomass producer has been compared to the identified high biodiversity areas in the region of activity, or
- **Verifier:** Previous production and sales contract(s) with biomass producers from before January 2008 covering same production area.

**Indicator 3.2.4 (Critical Indicator):** The 1st gathering entity **shall** ensure that biomass does not come

- from areas designated by law, or by other competent national authority, for nature protection purposes, or
- from areas designated for the protection of rare, threatened or endangered ecosystems or species recognised by international agreements or included in lists drawn up by intergovernmental organisations or the IUCN, subject to their recognition by the European Commission,

unless the 1st gathering entity can provide evidence that the production of that raw material did not interfere with the nature protection purposes.

- **Verifier:** Official maps or other registry of land identified for nature protection purposes (*as indicated above*) in or after January 2008.



2BSvs Biomass Biofuels Sustainability voluntary scheme  
Requirements for the Verification of Biomass Production  
(First gathering entity and biomass producers)

Doc : 2BSvs-STD-01  
Rev. :V 1.7 – EN  
Ref. : 2011

Date approved:  
10/05/2011

- **Verifier:** Official maps or other registry that shows that the land could not be considered as being dedicated to nature protection purposes (*as indicated above*) shortly (at most 36 months) before January 2008.
- **Verifier:** Previous production and sales contract(s) with biomass producers from before January 2008 covering same production area, or
- **Verifier:** Information, report, satellite images or GIS system showing that the localization of each biomass producer has been compared to the identified high biodiversity areas in the region of activity.

**Criterion 3.3:** The 1st gathering entity **should** record whether the country of origin of the biomass has ratified and implemented the relevant international biodiversity agreements, conventions and protocol.

**Indicator 3.3.1:** The 1st gathering entity **should** record whether the country of origin of the biomass has ratified and implemented the Cartagena Protocol on Biosafety.

- **Verifier:** Up to date list of countries that have ratified and implemented the Cartagena Protocol on Biosafety:  
<http://www.cbd.int/biosafety/signinglist.shtml>
- **Verifier:** Up to date list of suppliers with biomass' country of origin.

**Indicator 3.3.2:** The 1st gathering entity **should** record whether the country of origin of the biomass has ratified and implemented the Convention on International Trade in Endangered Species of Wild Fauna and Flora.

- **Verifier:** Up to date list of countries that have ratified and implemented the Convention on International Trade in Endangered Species of Wild Fauna and Flora: <http://www.cites.org/eng/disc/parties/alphabet.shtml>
- **Verifier:** Up to date list of suppliers with biomass' country of origin.

**Principle 4 : High Carbon Stock Lands**

*Sustainable biofuels **shall not** be made from raw material produced on land with High Carbon Stock (EU Directive Article 17, section 4).*

**Criterion 4.1:** The 1st gathering entity **shall** demonstrate that a system has been implemented to inform biomass producers claiming sustainability that raw material for the production of sustainable biofuels shall not come from land that had High Carbon Stock status in January 2008 and no longer has that status.

**Indicator 4.1.1 (Major Indicator):** The 1st gathering entity **shall** ensure that all its suppliers of biomass claiming sustainability have been informed and made a self-declaration that raw material for the production of sustainable biofuels does not come from land that had High Carbon Stock status in January 2008 and no longer has that status.

- **Verifier:** Signed Scheme Declaration Form with specific clause, or
- **Verifier:** Amendment to previous contract making reference to new requirements.



2BSvs Biomass Biofuels Sustainability voluntary scheme  
Requirements for the Verification of Biomass Production  
(First gathering entity and biomass producers)

Doc : 2BSvs-STD-01  
Rev. :V 1.7 – EN  
Ref. : 2011

Date approved:  
10/05/2011

**Indicator 4.1.2:** The 1st gathering entity **shall** in collaboration with its suppliers identify land that had High Carbon Stock status in January 2008 and no longer has that status within its region of activity. Records shall be kept.

- **Verifier:** Records of verifications of suppliers, or
- **Verifier:** Maps or other registry of land identified previously as High Carbon Stock according to the definition in section 4, or
- **Verifier:** Interview with suppliers.

**Criterion 4.2:** The 1st gathering entity **shall** demonstrate that it has identified the land that had High Carbon Stock status in January 2008 and no longer has that status within its region of activity.

**Indicator 4.2.1:** The 1st gathering entity **shall** have access to official documents from competent authorities identifying High Carbon Stock areas in January 2008 and no longer has that status in its region of activity. The designated manager shall maintain access to all the relevant information for the region concerned. Access to such information and relevance of this information shall be checked by the independent auditor.

- **Verifier:** Satellite images, site surveys, official maps or list of official documents from competent authorities, or
- **Verifier:** Access to relevant Websites.

**Indicator 4.2.2 (Critical Indicator):** The 1st gathering entity **shall** ensure that biomass does not come from continuously forested areas, of more than 1 hectare with trees higher than five metres and a canopy cover of more than 30% or with trees that are able to reach those thresholds in situ. This should be checked following a risk analysis by the 1<sup>st</sup> gathering entity. If any risk has been identified, then the 1<sup>st</sup> gathering entity shall investigate to ensure that this sustainability criteria is respected. Evidence of the investigation shall be recorded and shall be made available to the independent auditor.

- **Verifier:** Satellite images, site surveys, official maps or other registry of continuously forested areas, of more than 1 hectare with trees higher than five metres and a canopy cover of more than 30% or with trees that are able to reach those thresholds in situ, or
- **Verifier:** Previous production and sales contract(s) with biomass producers from before January 2008 covering same production area, or
- **Verifier:** Information, report, satellite images or GIS system showing that the localization of each biomass producer has been compared to the identified continuously forested areas in the region of activity.

**Indicator 4.2.3 (Critical Indicator):** The 1st gathering entity **shall** ensure that biomass does not come from land spanning more than 1 hectare with trees higher than five metres and a canopy cover of between 10% and 30%, or trees able to reach those thresholds in situ. This should be checked following a risk analysis by the 1<sup>st</sup> gathering entity. If any risk has been identified, then the 1<sup>st</sup> gathering entity shall investigate to



2BSvs Biomass Biofuels Sustainability voluntary scheme  
Requirements for the Verification of Biomass Production  
(First gathering entity and biomass producers)

Doc : 2BSvs-STD-01  
Rev. :V 1.7 – EN  
Ref. : 2011

Date approved:  
10/05/2011

ensure that this sustainability criteria is respected. Evidence of the investigation shall be recorded and shall be made available to the independent auditor.

- **Verifier:** Satellite images, site surveys, official maps or other registry of areas with 10 to 30% tree canopy cover (i.e. trees higher than five metres), unless the 1st gathering entity can demonstrate that the GHG impact, including any change since January 2008 in the carbon stock of the area concerned, meets the appropriate GHG saving threshold (according to the EC Decision 2010/335/EU of June 2010 and documents available on the European Commission transparency platform), or
- **Verifier:** Previous production and sales contract(s) with biomass producers from before January 2008 covering same production area, or
- **Verifier:** Information, report, satellite images or GIS system showing that the localization of each biomass producer has been compared to the identified sparsely forested areas in the region of activity.

**Indicator 4.2.4 (Critical Indicator):** The 1st gathering entity **shall** ensure that biomass does not come from wetlands, land that is covered with or saturated by water permanently or for a significant part of the year. This should be checked following a risk analysis by the 1<sup>st</sup> gathering entity. If any risk has been identified, then the 1<sup>st</sup> gathering entity shall investigate to ensure that this sustainability criteria is respected. Evidence of the investigation shall be recorded and shall be made available to the independent auditor.

- **Verifier:** Satellite images, site surveys, official maps or other registry of wetlands, or
- **Verifier:** Previous production and sales contract(s) with biomass producers from before January 2008 covering same production area, or
- **Verifier:** Information, report, satellite images or GIS system showing that the localization of each biomass producer has been compared to the identified wetlands in the region of activity.

**Indicator 4.2.5:** The 1st gathering entity **shall** use the official documents to identify the areas that had High Carbon Stock status in January 2008 and no longer has that status in its region of activity.

- **Verifier:** Satellite images, site surveys, official maps or other registry of land identified as High Carbon Stock land, or
- **Verifier:** Previous production and sales contract(s) with biomass producers from before January 2008 covering same production area, or
- **Verifier:** Information, report, satellite images or GIS system showing that the localization of each biomass producer has been compared to the identified areas that had high carbon stock status.

### **Principle 5 : Peatlands**

*Sustainable biofuels **shall not** be made from raw material produced on land that was Peatland (EU Directive Article 17, section 5).*



2BSvs Biomass Biofuels Sustainability voluntary scheme  
Requirements for the Verification of Biomass Production  
(First gathering entity and biomass producers)

Doc : 2BSvs-STD-01  
Rev. :V 1.7 – EN  
Ref. : 2011

Date approved:  
10/05/2011

**Criterion 5.1:** The 1st gathering entity **shall** demonstrate that a system has been implemented to inform biomass producers claiming sustainability that raw material for the production of sustainable biofuels shall not come from land that was Peatland in January 2008.

**Indicator 5.1.1 (Major Indicator):** The 1st gathering entity **shall** ensure that all its suppliers of biomass claiming sustainability have been informed and made a self-declaration that raw material for the production of sustainable biofuels does not come from land that was Peatland in January 2008.

- **Verifier:** Signed Scheme Declaration Form with specific clause, or
- **Verifier:** Amendment to previous contract making reference to new requirements.

**Indicator 5.1.2:** The 1st gathering entity **shall** in collaboration with its suppliers identify land that was Peatland in January 2008 within its region of activity. Records shall be kept.

- **Verifier:** Records of verifications of suppliers, or
- **Verifier:** Maps or other registry of land identified previously as Peatland according to the definition in section 4, or
- **Verifier:** Interview with suppliers.

**Criterion 5.2:** The 1st gathering entity **shall** demonstrate that it has identified the land that was Peatland in January 2008 within its region of activity.

**Indicator 5.2.1:** The 1st gathering entity **shall** have access to official documents from competent authorities identifying land that was Peatland in January 2008 in its region of activity. The designated manager shall maintain access to all the relevant information for the region concerned. Access to such information and relevance of this information shall be checked by the independent auditor.

- **Verifier:** Satellite images, site surveys, official maps or list of official documents from competent authorities, or
- **Verifier:** Access to relevant Websites.

**Indicator 5.2.2 (Critical Indicator):** The 1st gathering entity **shall** ensure that biomass (*Peat itself is not considered biomass*) does not come from areas that were Peatland in January 2008, unless the soil was completely drained in January 2008 or there has been no draining of the soil since January 2008. This should be checked following a risk analysis by the 1<sup>st</sup> gathering entity. If any risk has been identified, then the 1<sup>st</sup> gathering entity shall investigate to ensure that this sustainability criteria is respected. Evidence of the investigation shall be recorded and shall be made available to the independent auditor. If any drainage of the land happened since January 2008, then the biomass coming from this land shall not be considered as sustainable.

- **Verifier:** Satellite images, site surveys, official maps or other registry of areas that were Peatland in January 2008 with evidence that there has been no draining of the soil since January 2008. Acceptable evidence that no draining has taken place are; maps showing that area is still identified as



## 2BSvs Biomass Biofuels Sustainability voluntary scheme Requirements for the Verification of Biomass Production (First gathering entity and biomass producers)

Doc : 2BSvs-STD-01  
Rev. :V 1.7 – EN  
Ref. : 2011

Date approved:  
10/05/2011

Peatland, land registry, satellite images showing that the area identified as Peatland is not cultivated, site visit. Any map used as evidence should comprehensively cover the entire region in which the raw material is being produced and should be from an official land registry source.

- **Verifier:** Previous production and sales contract(s) with biomass producers from before January 2008 covering same production area, or
- **Verifier:** Information, report, satellite images or GIS system showing that the localization of each biomass producer has been compared to the identified peatland areas in the region of activity.

**Indicator 5.2.3:** The 1st gathering entity **shall** use the official documents to identify the areas that were Peatland in January 2008 in its region of activity.

- **Verifier:** Satellite images, site surveys, official maps or other registry of land that was Peatland in January 2008.
- **Verifier:** Previous production and sales contract(s) with biomass producers from before January 2008 covering same production area, or
- **Verifier:** Information, report, satellite images or GIS system showing that the localization of each biomass producer has been compared to the identified high biodiversity areas in the region of activity.

### **Principle 6 : Agro-environmental Practices**

*Sustainable biofuels **shall not** be made from raw material produced within the Community that have not been cultivated in accordance with the requirements and standards under the provisions referred to under the heading ‘Environment’ in part A and in point 9 of Annex II to Council Regulation (EC) No 73/2009 of January 2009 and with the minimum requirements for good agricultural and environmental condition established in Article 6(1) of that Regulation. (While it is clear that agro-environmental practices have to be met (European Directive article 17.6 and EC Communication section 2), verification of compliance is not addressed in the European Directive and voluntary schemes are not expected to cover the criterion related to agricultural and environmental requirements and standards for EU farmers (EC Communication section 2 and 2.2). This is the reason why this Principle is indicated as a recommendation and is indicative only). According to the EC Communication, it is the responsibility of the Member States to cover and monitor on their territory all farmers that supply raw material for biofuels/bioliquids.*

**Criterion 6.1:** The 1st gathering entity **should** ensure that all suppliers of biomass claiming sustainability based within the Community are committed to fulfil the requirements of the relevant agro-environmental practices.

**Indicator 6.1.1:** The 1st gathering entity **should** ensure that all its suppliers based in the Community declare that they comply with the European Agro-Environmental Practices.

- **Verifier:** Signed Scheme Declaration Form with specific clause, or
- **Verifier:** Amendment to previous contract making reference to new requirements.



**Indicator 6.1.2:** The 1st gathering entity *should* keep track of new European Legislation and inform its suppliers of any change.

- **Verifier:** Information communicated to suppliers, or
- **Verifier:** Up to date information communicated by other official organisations (e.g. *Chambres d'agriculture*).

**Criterion 6.2:** The 1st gathering entity **should** inform, train and/or advise suppliers on best environmental and agricultural practices in conformity with the European Legislation.

**Indicator 6.2.2:** The 1st gathering entity **should** have appropriate resources to inform and/or train suppliers on best environmental and agricultural practices in conformity with the European Legislation.

- **Verifier:** Information/training plan and activities, or
- **Verifier:** Interviews with suppliers

**Indicator 6.2.1:** The 1st gathering entity *should* have appropriate resources to advise suppliers on best environmental and agricultural practices in conformity with the European Legislation.

- **Verifier:** Interview with suppliers

### **Principle 7 : Soil, Water and Air Protection**

*Sustainable biofuels **should** not be made from raw material produced on land where soil, water and air have not been protected (EU Directive Article 18, section 3). This criterion of the European Directive is not a requirement for the 1st gathering entity. This is the reason why this Principle is worded as a recommendation and is indicative only.*

**Criterion 7.1:** The 1st gathering entity *should* inform biomass producers that raw material for the production of sustainable biofuels shall not come from land where soil, water and air have not been protected.

**Indicator 7.1.1:** The 1st gathering entity *should* inform all its suppliers that appropriate measures must be implemented to protect soil, water and air.

- **Verifier:** Information pack, or
- **Verifier:** Interview with suppliers.

**Indicator 7.1.2:** The 1st gathering entity *should* ensure that biomass comes from land where soil has been protected.

- **Verifier:** Agriculture practices to protect soils against erosion between 2 crops, or
- **Verifier:** Procedure regarding agriculture practices to protect soil against erosion between 2 crops.

**Indicator 7.1.3:** The 1st gathering entity *should* ensure that biomass does not come from land where excessive water has been consumed in areas where and during period when water is scarce.



2BSvs Biomass Biofuels Sustainability voluntary scheme  
Requirements for the Verification of Biomass Production  
(First gathering entity and biomass producers)

Doc : 2BSvs-STD-01  
Rev. :V 1.7 – EN  
Ref. : 2011

Date approved:  
10/05/2011

- **Verifier:** Map of area where water can be considered as scarce, or
- **Verifier:** Records of rainfall for the region of activity, or
- **Verifier:** Official authorisation,

**Indicator 7.1.4:** The 1st gathering entity *should* ensure that biomass comes from land where air has been protected.

- **Verifier:** Document indicating that burning is not authorized, or
- **Verifier:** Procedure indicating that burning is not practiced.

### **Principle 8: Social Sustainability**

*For countries that are a significant source of raw material for sustainable biofuels, the 1st gathering entity **should** report whether the country of origin has ratified and implemented the ILO conventions No 29, 87, 98, 100, 105, 111, 138 and 182. This criterion of the European Directive is not a requirement for the 1st gathering entity. This is the reason why this Principle is worded as a recommendation and is indicative only.*

**Criterion 8.1:** The 1st gathering entity that imports raw material *should* have appropriate information on the countries that have ratified the relevant ILO Conventions.

**Indicator 8.1.1:** The 1st gathering entity *should* have access to a list of all the countries that have ratified the relevant ILO Conventions.

- **Verifier:** Access to relevant Website (<http://www.ilo.org/ilolex/english/>)

**Criterion 8.2:** The 1st gathering entity that imports raw material *should* have appropriate information on the countries of origin of the imported biomass with a sustainability claim.

**Indicator 8.2.1:** The 1st gathering entity *should* establish and periodically update a list of all the countries of origin of the biomass that it received.

- **Verifier:** List of all the countries of origin.

**Indicator 8.2.2:** The 1st gathering entity *should* maintain and keep up to date records on the volumes of biomass with a sustainability claim per country of origin.

- **Verifier:** records on the volumes of biomass with a sustainability claim per country of origin.

**Criterion 8.3:** For each country of origin, the 1st gathering entity *should* have appropriate information.

**Indicator 8.3.1:** For each country of origin, the 1st gathering entity *should* have a list of all its suppliers within the country.

- **Verifier:** List of suppliers for each country of origin.

**Indicator 8.3.2:** For each country of origin, the 1st gathering entity *should* have records of the volumes of produced and imported biomass with a sustainability claim.

- **Verifier:** Records of volumes produced for each country of origin.