

Green Gold Label

Instruction B.1

FIT/FIP Endorsed schemes

Requirements for integrating biomass from
Endorsed schemes into GGL for FIT/FIP



Instruction B.1

FIT/FIP Endorsed schemes

Version 2-0

Valid from 1 January 2026 (Adoption date)

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Document navigation

This Instruction is part of the GGL Module for FIT/FIP. It concerns the Endorsed schemes instruction detailing which other certification schemes are accepted by GGL under FIT/FIP.

The Overall documents comprise the GGL Setup and Governance, GGL Standards and GGL Operating documents. Additionally, the GGL scheme offers Instructions and Guidances for specific regulatory frameworks (RED, FIT/FIP, SDE+/++), which can supersede clauses in the Overall documents. This applies only when explicitly stated in the relevant Instructions and Guidances.

Refer to the **GGL Document Structure** (as part of the GGL Setup and Governance documents) for more detailed information on navigating and interpreting GGL documentation.

GGL Setup and Governance - Articles of association GGL foundation - GGL Document structure - GGL Regulation - GGL Scope definitions - GGL CB agreements - GGL Partner Code of Conduct - GGL Operating Agreement	GGL Standards - GGLS1 – Chain of custody criteria - GGLS2 – Agricultural source criteria - GGLS4 – Transaction and Product Certificate - GGLS5 – Forest management criteria - GGLS6 – Power company criteria	RED – Instructions - Instruction A.0 – RED Module - Instruction A.1 – RED Reporting duties - Instruction A.2 – RED Internal monitoring - Instruction A.3 – RED Auditor requirements - Instruction A.4 – RED GHG emissions - Instruction A.5 – RED Additional Agricultural source and Forest management criteria	RED – Guidances - Guidance A.0.i – RED Raw materials statement template - Guidance A.0.ii – RED Transaction certificate template - Guidance A.0.iii – RED Audit template - Guidance A.4.iv – RED GHG default values - Guidance A.5.v – RED Level A Risk assessments	GHG Guidance Guidance ABC.1 – GHG calculator
		FIT / FIP – Instructions - Instruction B.0 – FIT/FIP Module Instruction B.1 – FIT/FIP Endorsed schemes - Instruction B.2 – FIT/FIP GHG emissions	FIT / FIP – Guidances - Guidance B.0.i – FIT/FIP Raw materials statement template - Guidance B.0.ii – FIT/FIP Transaction certificate template - Guidance B.0.iii – FIT/FIP Audit template - Guidance B.0.iv – FIT/FIP Supplier verification checklist for residues - Guidance B.2.v – FIT/FIP LCGHG default values	
	GGL Operating documents - GGL Participant fees - GGL Logo and tradename use - GGL List of prohibited materials	SDE++ – Instructions - Instruction C.0 – SDE++ Module - Instruction C.1 – SDE++ Endorsed schemes - Instruction C.2 – SDE++ GHG emissions	SDE++ – Guidances - Guidance C.0.i – SDE++ Raw materials statement template - Guidance C.0.ii – SDE++ Transaction certificate template - Guidance C.0.iii – SDE++ Audit template	

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Changes and transitioning

This section lists the major changes in this version v2-0 from **GGL-1c. Endorsed schemes v1-6 (March 2024)**.

No.	Change type	Section reference	Details of change
1	Content	All	Information from GGL-11c. Endorsed Schemes concerning FIT/FIP separately integrated into this document (information concerning SDE+/++ moved to separate document)
2	Content		Clarified difference between GGL-Certified and GGL-Controlled woody biomass
3	Content	B	Differentiated specific endorsements of FSC, PEFC and SBP for Woody biomass as either GGL-Certified or GGL-Controlled, per type of claim under respective Endorsed scheme
4	Content	B	Included SBP as an Endorsed scheme for Woody biomass
5	Content	C and D	Detailed endorsements per type: for Participant or specific biomass material for GGL Categories 4 or 5
6	Content	D	Included SBP as an Endorsed scheme for Biogenic residues and waste
7	Text feature	Document navigation	Included document navigation
8	Text feature	Changes and transitioning	Included changelog and transitioning procedure between previous and current version
9	Text feature	Glossary	Included glossary
10	Formatting	All	Changed and edited formatting, text and wording for clarity and readability
11	Formatting	All	Converted layout to new templates for GGL Documents

In transitioning to this current version of this document, the following applies to Certification bodies, Participants and Certificates:

Publication date	7 November 2025
Adoption date	1 January 2026
Effective date	2 March 2026
Transition period	31 December 2026

Glossary

Term	Definition
Adoption date	New (versions of) GGL documents state their Adoption date in the transitioning section. This is the date after which certification against the GGL Scheme and the specific document to which the Adoption date applies, is possible. Certification against previous versions remain valid until the Effective date of such document.
Biomass	Biomass means the biodegradable fraction of products, waste and residues from biological origin from agriculture, including vegetal and animal substances, from forestry and related industries, including fisheries and aquaculture, as well as the biodegradable fraction of waste, including industrial and municipal waste of biological origin.
Certification Body / CB	An independent third party that evaluates and certifies the certification process. Certification Bodies approved by GGL for 1 or more GGL Scopes, are listed on the GGL website.
Effective date	New (versions of) GGL documents state their Effective date. This is the date after which only certification against the GGL Scheme and the specific document to which the Effective date applies, is effective. Certification against previous versions of such document is no longer valid.
Eligible fuel	Any biomass fuel listed in applicable GGL Module that is eligible for GGL certification.
First Collector	The first participant of the GGL supply chain for residues and wastes (GGL category 5) who collects the raw material from suppliers by whom Raw Materials Statements are delivered. First Collectors are comparable to Biomass Producers in the sense these are the first GGL Participants in a GGL supply chain.
GGL Biomass	Biomass that has been certified with a GGL-Certified or GGL-Controlled claim as the case may be.
GGL Categories	Biomass from 1 of the 5 categories that GGL recognizes being: 1) Woody biomass from large FMU's (> 500 hectares) 2) Woody biomass from small FMU's (< 500 hectares) 3) Residues from natural site and landscape management 4) Agricultural biomass 5) Biogenic residues and waste
GGL Module	These are the Instructions and Guidance documents based on which GGL has been approved and recognized as a Certification scheme under different legal and voluntary frameworks (e.g., RED in Europe, FIT/FIP in Japan).
GGL Scope	Means the scope of a Certification Body's license to perform certification services or Participants to trade biomass within GGL, and use the GGL Trademark. A GGL Scope is a combination of (a) regulation(s) under which GGL is recognized per its different modules and (b) types of biomass. Each GGL Participant and each CB is limited to perform activities under the GGL Scheme by the GGL Scope for which it is recognized. GGL Scopes are defined in the GGL Scope definitions document.

Term	Definition
GGL-Certified	Biomass that has been certified against all applicable GGL criteria, or against a certification scheme other than GGL which has been endorsed & approved by the relevant authorities (e.g., EU for REDII, METI for FIT/FIP) to holds the equivalent status. GGL-Certified biomass meets all criteria for sustainability and legality.
GGL-Controlled	Woody biomass that has been certified against some of the applicable GGL criteria, or against a certification scheme other than GGL which has been endorsed & approved by the relevant authorities (e.g., EU for REDII, METI for FIT/FIP) to holds the equivalent status. GGL-Controlled biomass can only be from GGL-categories 1, 2 or 3 for Woody biomass, and only meets specific key criteria for sustainability. The sustainability of GGL-Controlled woody biomass has therefore been certified to a lesser extent than GGL-Certified woody biomass.
GHG (Greenhouse Gas) Emissions	Greenhouse gases constitute a group of gases contributing to global warming and climate change. It includes - according to the Kyoto Protocol - seven gases: carbon dioxide, methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons, sulphur hexafluoride, nitrogen trifluoride. Converting them to carbon dioxide equivalents (CO ₂ eq) makes it possible to compare them and to determine their individual and total contributions to global warming.
Participant / GGL Participant	Economic operator that has been certified under GGL per GGL Regulation Section G or against a certification scheme other than GGL which has been endorsed & approved by the relevant authorities (e.g., EU for REDII, METI for FIT/FIP) to hold the equivalent status, such as forest and agricultural biomass producers, waste and residue producers, first gathering points, collectors, suppliers, traders, processing plants and conversion plants (end-users).
Post-consumer material	Material that is reclaimed from a consumer or commercial product that has been used for its intended purpose by individuals, households or by commercial, industrial and institutional facilities in their role as end-users of the product and is not economically nor practically suitable for any further production processes as input material.
Publication date	New (versions of) GGL documents state their Publication date. This is the date at which that version is published. Certification against the new version of such document is not possible until after its Adoption date.
RMS / Raw Material Statement	A certified statement of raw material brought into GGL supply-chains by a GGL Participant that meets requirements of GGLS1 - Chain of custody criteria and of applicable GGL Modules.
Residue	Residue means a substance that is not the end product(s) that a production process directly seeks to produce; it is not a primary aim of the production process and the process has not been deliberately modified to produce it.

Term	Definition
Transition period	New (versions of) GGL documents state their Transition period. This is the period within which (re-)certification decisions taken prior to the Effective date against the previous version of the current document, remain valid. Initial audits, renewal audits and surveillance audits by a Certification Body during the Transition period shall only take place against the current version of the GGL Scheme document to which the Transition period applies.
Waste	Waste is a substance or an object which the holder discards or intends or is required to discard, that is not considered a by-product, and excludes substances that have been intentionally modified or contaminated in order to meet this definition.

A. Introduction

A.1

Green Gold Label (GGL) seeks to stand out through its collaboration with other certification schemes, provided they have official and legitimate approval of applicable regulators.

A.2

This document concerns the endorsed schemes by Green Gold Label (GGL) for FIT/FIP and includes the positive list of endorsed schemes as published by the authorized regulatory body.

A.3

Endorsed schemes can be used by **GGL Participants** within the GGL Scheme as stipulated in **GGLS1 - Chain of custody criteria**. This document may be updated if schemes are added or removed.

A.4

Endorsements of other certification schemes are structured across different **GGL Categories** for consistency. To determine whether biomass certified under another certification scheme is endorsed by GGL or not, the following steps can be taken by Participants and their Certification Bodies:

1. Establish the GGL Category of the biomass as defined in **GGLS1 – Chain of custody criteria**;
2. Validate the precise claim under which the biomass is certified under the other scheme;
3. Confirm the validity of the certification under the other scheme;
4. Validate the endorsement by GGL of either the certified entity as GGL Participant, or the biomass as GGL-Certified or GGL-Controlled Biomass
5. Complete the Raw Material Statement detailing the endorsement
6. Verify the Raw Material Statement with the endorsement details by the Certification Body on a case-by-case basis

B. Endorsed schemes for biomass in GGL Categories 1, 2 or 3

The list of certification schemes in this section is approved by the relevant Japanese authorities and endorsed by GGL, as applicable for:

- **GGL-Certified** biomass in GGL Categories 1 or 2 (Woody biomass)
- **GGL-Controlled** biomass in GGL Categories 1 or 2 (Woody biomass) or GGL Category 3 (Residues from natural site and landscape management)

B.1 GGL-Certified

For woody biomass listed in **Instruction B.0 – FIT/FIP Module** in section C, the Endorsed schemes listed below are valid under the specified conditions, maintaining the same status as **GGL-Certified** woody biomass when it complies with the applicable requirements:

B.1.1 FSC® (Forest Stewardship Council®):

Woody biomass in GGL Categories 1 or 2 qualifies as **GGL-Certified** biomass when the material is supplied with the following FSC identifications:

- FSC 100%

FSC certification cannot be used to verify GHG emissions. These shall be verified following **Instruction B.2 – FIT/FIP GHG Emissions** for all supply chain activities, including and after origination.

B.1.2 PEFC (Programme for the Endorsement of Forest Certification):

Woody biomass in GGL Categories 1 or 2 qualifies as **GGL-Certified** biomass, when the material is supplied with one of the following PEFC-claims:

- 100% PEFC Origin
- 100% PEFC or 100% PEFC Certified

PEFC certification cannot be used to verify GHG emissions. These shall be verified following **Instruction B.2 – FIT/FIP GHG Emissions** for all supply chain activities, including and after origination.

B.2 GGL-Controlled

For woody biomass listed in **Instruction B.0 – FIT/FIP Module** in section C, the Endorsed schemes listed below are valid under the specified conditions, maintaining the same status as **GGL-Controlled** woody biomass when it complies with the applicable requirements:

B.2.1 FSC® (Forest Stewardship Council®):

Woody biomass in GGL Categories 1, 2, or 3 qualifies as **GGL-Controlled** biomass when this material is certified with one of the following FSC identifications:

- FSC Mix $\leq 100\%$
(Note: this mix consists exclusively of woody biomass with any FSC identification)
- FSC Controlled wood



FSC certification cannot be used to verify GHG emissions. These shall be verified per ***Instruction B.2 – FIT/FIP GHG Emissions*** for all supply chain activities, including and after origination.

B.2.2 PEFC (Programme for the Endorsement of Forest Certification):

Woody biomass in GGL Categories 1, 2, or 3 qualifies as **GGL-Controlled** biomass, when this material is certified with one of the following PEFC-claims:

- <100% PEFC or < 100% PEFC Certified
(Note: this mix consists exclusively of woody biomass with any PEFC-claim)
- PEFC Controlled sources

PEFC certification cannot be used to verify GHG emissions. These shall be verified following ***Instruction B.2 – FIT/FIP GHG Emissions*** for all supply chain activities, including and after origination.

B.2.3 SBP (Sustainable Biomass Program):

Woody biomass in GGL Categories 1, 2, or 3 qualifies as **GGL-Controlled** biomass and its verified GHG emissions, when this material is certified with one of the following SBP-claims:

- SBP-Compliant
- SBP-Controlled



C. Endorsed schemes for biomass in GGL Category 4

The list of certification schemes in this section is approved by the relevant Japanese authorities and endorsed by GGL for **GGL-Certified** biomass in GGL Category 4 (Agricultural biomass).

For biomass from Eligible fuels listed in **Instruction B.0 – FIT/FIP Module** in section B, the following Endorsed schemes are valid under the specified conditions:

C.1 RSPO (Roundtable on Sustainable Palm Oil):

Biomass in GGL Category 4 certified with RSPO IP (Identity Preserved) and SG (Segregated) claims qualifies as **GGL-Certified** biomass. In addition:

- RSPO certification cannot be used to verify GHG emissions. These shall be verified following **Instruction B.2 – FIT/FIP GHG Emissions** for all supply chain activities after origination.
- Biomass with RSPO MB (Mass Balance) claim can contain non-certified material, which is not acceptable for endorsement by GGL.

C.2 ISCC (International Sustainability & Carbon Certification):

Biomass in GGL Category 4 certified under ISCC's Japanese FIT/FIP scope qualifies as **GGL-Certified** biomass and its verified GHG emissions (refer to "ISCC Japan FIT System Document - Palm Kernel Shells and Palm Trunks").

C.3 RSB (Roundtable on Sustainable Biomaterial):

Biomass in GGL Category 4 certified under RSB Japanese FIT/FIP (Biomass) Certification qualifies as **GGL-Certified** biomass, and its verified GHG emissions.

D. Endorsed schemes for biomass in GGL Category 5

The list of certification schemes in this section is approved by the relevant Japanese authorities and endorsed by GGL for **GGL-Certified** biomass in GGL Category 5 (Biogenic residues and waste).

For biomass listed in **Instruction B.0 – FIT/FIP Module** in sections B or C, the following Endorsed schemes are valid under the specified conditions:

D.1 FSC® (Forest Stewardship Council®):

Biomass in GGL Category 5 qualifies as **GGL-Certified** biomass when the material is supplied with one of the following FSC identifications:

- FSC 100%
- FSC Mix $\leq 100\%$
(Note: this mix consists exclusively of woody biomass with any FSC identification)
- FSC Controlled wood

FSC certification cannot be used to verify GHG emissions. These shall be verified per **Instruction B.2 – FIT/FIP GHG Emissions** for all supply chain activities, including and after origination.

D.2 PEFC (Programme for the Endorsement of Forest Certification):

Biomass in GGL Category 5 qualifies as **GGL-Certified** biomass when the material is supplied with one of the following PEFC-claims:

- 100% PEFC Origin
- 100% PEFC or 100% PEFC Certified
- $< 100\%$ PEFC or $< 100\%$ PEFC Certified
(Note: this mix consists exclusively of woody biomass with any PEFC-claim)
- PEFC Controlled sources

PEFC certification cannot be used to verify GHG emissions. These shall be verified per **Instruction B.2 – FIT/FIP GHG Emissions** for all supply chain activities including and after origination.

D.3 SBP (Sustainable Biomass Program):

Biomass in GGL Category 5 qualifies as **GGL-Certified** biomass and its verified GHG emissions, when this material is certified with one of the following SBP-claims:

- SBP-Compliant
- SBP-Controlled



D.4 MSP0 (Malaysian Sustainable Palm Oil) Part 4-1, 4-2, 4-3:

Malaysian entities certified under this MSP0 scope qualify as **GGL Participant** with the role of First Collectors (e.g. CPO mills). Their verified GHG emissions from biomass fall within the following GGL Scope: **FIT/FIP - GGL Category 5 biomass**.

D.5 RSPO (Roundtable on Sustainable Palm Oil):

Biomass in GGL Category 5 certified with RSPO IP (Identity Preserved) and SG (Segregated) claims qualifies as **GGL-Certified** biomass. In addition:

- RSPO certification cannot be used to verify GHG emissions. These shall be verified following **Instruction B.2 – FIT/FIP GHG Emissions** for all supply chain activities after origination.
- Biomass with RSPO MB (Mass Balance) claim can contain non-certified material, which is not acceptable for endorsement by GGL.

D.6 ISCC (International Sustainability & Carbon Certification)

Biomass in GGL Category 5, certified under ISCC's Japanese FIT/FIP scope, qualifies as **GGL-Certified** biomass and its verified GHG emissions (refer to "ISCC Japan FIT System Document - Palm Kernel Shells and Palm Trunks").

D.7 RSB (Roundtable on Sustainable Biomaterial):

Biomass in GGL Category 5, certified under RSB Japanese FIT/FIP (Biomass) Certification, qualifies as **GGL-Certified** biomass and its verified GHG emissions.



E. Scope of certification under Endorsed schemes

The scope of products, companies, and processes certified in the issued Endorsed schemes' certificates shall be, or be comparable to, the **GGL scope** of the GGL certificate. This requirement is for the Certification Body to assess, verify and confirm, on a case-by-case basis, as well as to confirm in the Raw material statement.

F. Limitation

The scope of certification for Lifecycle GHG Emissions, as well as this document outlining the relevance of each Endorsed scheme, will be revised in accordance with the latest revisions of the Japanese FIT/FIP guidelines for biomass use.