



## 1. Introduction

- 1.1. This is an informative document, which summarizes how the MBM Specification (SFC-SPEC-001-02) compares to Smart Freight Centre's Voluntary Market Based Measures Framework for Logistics Emissions Accounting and Reporting (MBM Framework, v.1.0, October 2023). It was prepared to support those who are already familiar with the MBM Framework in identifying the topics where the MBM Specification contains clearer definitions, supplementary notes and additional requirements.
- 1.2. This document becomes effective on the date of issue indicated above.

## 2. Key

- 2.1. The following key applies to the colours used in the table below. The word "requirement" is mentioned in inverted commas because the MBM Framework does not really contain requirements, given it is a guidance - not normative - document.

	No change
	Clarification
	Existing "requirements" expanded
	Existing "requirements" reduced
	"Requirement" added
	"Requirement" removed

## 3. References

- 2.2. The following documents are referred to in this crosswalk. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.
- a) ISO 14083:2023 - Greenhouse gases - Quantification and reporting of greenhouse gas emissions arising from transport chain operations
  - b) Voluntary Market Based Measures Framework for Logistics Emissions Accounting and Reporting, 2023
  - c) ISO14064-1:2018 - Greenhouse gases - Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals



## 4. Crosswalk

MBM Specification clause	Summary of change
<b>1. Scope</b>	New section but no change to scope or general approach.
<b>2. Normative references</b>	Clarification that compliance with ISO 14083 and ISO 14064-1 is required, which was not explicit but assumed.
<b>3. Terms and definitions</b>	--
Chain of Custody System	One verb improved for clarification.
Low Emissions Solution (Solution)	Reworded and linked to LETS for clarification.
Solution Production Date	New definition but no change of meaning used.
Solution Production Point	New definition but no change of meaning used.
Transportation Service	Revised to avoid using the word being defined but no change of meaning used.
Low Emissions Transportation Service (LETS)	New definition but no change of meaning used.
LETS Generation	Merge of previous 2 definitions of Direct and Indirect Generation of a Low Emission Transportation Service. Improved wording.
LETS Generation Date	New definition but no change of meaning used.
LETS Generation Point	New definition but no change of meaning used.
Book	Improved for clarity and mentions "emissions profile" instead of "characteristics".
Registry	Simplification of the definition, and "requirement" moved to section 6.1.
Internal ledger	New definition but no change of meaning used.
Booking date	New definition but no change of meaning used.
Rebook	New definition but no change of meaning used.
Claim	No change except using "emissions profile" instead of "characteristics" (changed to improve clarity).
Inventory Inclusion Date	New definition but no change of meaning used.
Shipper	Improved definition but no change of meaning. Notes added.
Carrier	Note added.
LSP	Improved definition but no change of meaning. Notes added.
Low Emissions Solution Provider (Solution Provider)	Wording reorganized into notes but no change.
Intended User	New definition of basic concept relevant to GHG reporting, sourced from ISO 14064-1:2018.
Additionality	No change.
Double Counting	New definition but no change of meaning used.
Emission Profile	New term used instead of "characteristics", for clarity.



Sustainability Profile	New definition to improve clarity. Formerly referred to as “characteristics” of a solution or service.
Unit	New definition but no change of meaning used.
MBM Emissions Report	New definition but no change of meaning used.
<b>4. General Accounting principles</b>	Added to the Specification; sourced from ISO 14083:2023.
<b>5. Scope of reporting</b>	--
5.1 Reporter type	New requirement to explicitly disclose the role of the reporter, but no change of meaning.
5.2 Level of reporting	New requirement, but was implicit in MBM Framework and follows ISO 14083 requirements.
5.3 Solutions and/or LETS	New requirement, but was implicit in MBM Framework.
5.4 Accounting period	New requirement, but was implicit in MBM Framework and follows ISO 14083 requirements.
<b>6. Quantification Approach</b>	--
6.1 Sustainability Profile	Improved wording regarding declaration and reporting.
6.2 LETS characteristics minimum parameters	Clarification that the baseline scenario shall also be reported and verified as part of the minimum parameters mentioned in the MBM Framework.
6.3 Physically vs non-physically tied	No change except using “Solution” to refer to Low Emission Fuel.
6.4 Primary & secondary data	Improved clarification on the usage of primary and secondary data. Notes added.
<b>7. Constraints</b>	--
7.1 Modal constraint	No change.
7.2 Vintage Constraint - profile book or claim	Reworded to improve understanding.
7.3 Vintage Constraint - dates	Existing requirements expanded to facilitate tracking and traceability.
7.4 Transport Activity Constraint	No change.
7.5 Additionality Constraint	Clarification on the assessment and documentation of additionality.
7.6 Additionality Regulation – particular action or specific outcome	Clarification on the assessment and documentation of additionality regulation under a particular action or specific outcome.
7.7 Cross-modal credit creation	No change.
7.8 Erroneous double counting	Clarification on the assessment and documentation of erroneous double counting.
<b>8. Bundling/ Unbundling</b>	--
8.1 Unbundling	Clarification on documentation and reporting.



8.2 Unbundling – Error detection	New requirement, translating the implicit requirements of the MBM Framework regarding transparency and Business to Business Declarations.
9. Monitoring Plan	New requirement to specify how general requirements contained in ISO 14064-1 apply to MBM, specifying minimum content for the Monitoring Plan, including omissions and any applicable constraints.
10. Reporting	New requirement specific to the SFC CAS reporting process, to specify how general requirements contained in ISO 14064-1 and ISO 14083 apply to MBM. Defines minimum content for the MBM Emissions Report, mentions the SFC Emissions Reporter report template and specifies that organizations using the emissions profile of the LETS and not using it should receive different information.
11. Internal Controls and Data Retention	New requirement specific to the SFC CAS reporting process, to define that compliance with clause 8 of ISO 14064-1: 2018 is expected, and that supporting data must be retained for 5 years in case there is a dispute about disclosed data.
12. Verification	New requirement explaining how verification of the MBM Emissions Report shall be carried out, if the Reporter decides to engage a third-party Verification Body. However, verification is not mandatory for users of the Specification who do not wish to pursue Listing by Smart Freight Centre.

#### Version history

1	11/10/2024	First edition
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