



Sphera® ISO 14067 – Sphera Managed LCA Content (MLC) LCIA Documentation



ISO 14067 - Sphera Managed LCA Content (MLC) LCIA Documentation 2024

March 4, 2024

© 2024 Sphera. For Sphera clients' internal use only. No portion of this publication may be reproduced, reused, or otherwise distributed in any form without prior written consent of Sphera Solutions, Inc. ("Sphera").

TRADEMARKS

Sphera and the Sphera logo are trademarks of Sphera. Other trademarks appearing in this publication are the property of Sphera or their respective owners.

Customer Care

For assistance or inquiries regarding Sphera Managed LCA Content (MLC) LCIA Documentation , contact Customer Care:

- Visit the Sphera Customer Network (SCN) at SCN.Spherasolutions.com. If it's your first time accessing the SCN, you must create an account.
- Send an email to customercare@sphera.com

Table of Contents

Sphera ISO 14067 – Sphera Managed LCA Content (MLC) LCIA Documentation..... 1

 Description 4

 Characterization..... 4

 Normalization and weighting..... 4

 Literature 4

Description

ISO 14067 defines the principles, requirements and guidelines for the quantification of carbon footprint of products. The aim of the standard is to quantify Greenhouse gas emissions associated with the life cycle stages of a product.

Characterization

The standard uses the characterization factors for GWP 100 developed by IPCC in Assessment Report 6 (AR6). The version implemented in Sphera LCA for Experts (LCA FE) / MLC databases is split into five separate indicators:

- ISO14067 GWP100, Fossil GHG emissions
- ISO14067 GWP100, Biogenic GHG emissions
- ISO14067 GWP100, Biogenic GHG removal
- ISO14067 GWP100, Emissions from land use change (dLUC)
- ISO14067 GWP100, Aircraft emissions

Normalization and weighting

Normalization and weighting is not developed for the ISO 14067 GWP quantities.

Literature

The complete standard can be downloaded from the ISO website:
<https://www.iso.org/standard/71206.html> (ISO subscription content)

Sphera cannot be held responsible for any of this information and data or uses made of it.