

Systembolaget Data Sharing and Use Protocol for Product Carbon Footprint (PCF) - Pilot

Applies to data submitted via the CarbonCloud platform by suppliers, producers, farmers and distributors during the pilot project

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1. PURPOSE

This protocol outlines how data submitted during the pilot, by suppliers through the CarbonCloud system will be used by Systembolaget. The protocol complements (i) the system provider's own data sharing terms and (ii) Systembolaget's terms on voluntary submission of activity data, and clarifies internal usage, rights, and responsibilities. It aims to ensure trust, transparency, and clear rules for data usage within the PCF (Product Carbon Footprint) pilot process.

Systembolaget's intention is to update/replace this protocol, which is specifically adopted for the pilot project, at a later date in connection with the continued roll-out of the voluntary submission of activity data. However, the data submitted during the pilot will not be handled, accessed or used in excess of what is described in this Data Use Protocol without additional explicit approval by Systembolaget's supplier responsible for the submission of activity data.

2. SCOPE

The protocol applies to all data submitted via CarbonCloud, including both Default Data and Primary Data (as defined below). It covers data used for generating product carbon footprints and includes data related to cultivation, production, packaging, and transports. The protocol applies to data submitted during the pilot project.

3. DATA TYPES

3.1 Primary Data

Actual data specific to a supplier, such as energy usage, transport distances, ingredients, formulations, packaging, or cultivation practices.

3.2 Default Data

Standard values from external databases or industry averages used when primary data is not available.

4. DATA NEEDS AND USAGE

Data needs are categorized into three levels, depending on intended use. Each level involves different levels of detail and access for internal and external purposes.

Level 1 – Product Carbon Footprint

What: Total PCF per article (calculated by CarbonCloud)

Usage:

For Systembolaget's internal use:

- Analysis of averages and spread of PCF values in different aggregation levels of Systembolaget's assortment:
During the pilot, the intention is to get better indications of what typical PCF values are to be expected in different parts of the assortment after full-scale implementation. Also, we hope to better understand what spread in values are to be expected. These insights will help guide Systembolaget's strategic work on emission reductions.

For external use:

- Spreading insights throughout the value chain:
During the pilot, the intention is to gain knowledge regarding differences in PCF and, if the data is considered sufficiently credible, use that for benchmarking and, where possible and relevant, identification of best practices in different parts of the assortment. PCF for individual products, producers or suppliers will not be identifiable without explicit approval.

Level 2 – Product Carbon Footprint per Module

What: PCF per module; cultivation, production, packaging, transport (calculated by CarbonCloud).

Usage:

For Systembolaget's internal use:

- Analysis of averages and spread of PCF values in different aggregation levels of Systembolaget's assortment:
During the pilot, the intention is to get better indications of what typical PCF values per module are to be expected in different parts of the assortment after full-scale implementation. Also, we hope to better understand what spread in values are to be expected. These insights will help guide Systembolaget's strategic work on emission reductions.

For external use:

- Spreading insights throughout the value chain:
During the pilot, the intention is to gain knowledge regarding differences in PCF per module and, if the data is considered sufficiently credible, use that for benchmarking and identification of best practices in different parts of the assortment. PCF per module for individual products, producers or suppliers will not be identifiable without explicit approval.

Level 3 – Detailed data points per module

What: Underlying activity data used as input in the system to calculate PCF, e.g. type and volume of fertilizers used in cultivation, type and volume of raw material used in production, site specific LCA for packaging production, fuel type and consumption in transportation.

Usage:

For Systembolaget's internal use:

- Data quality assurance and process improvement: Activity data can be analyzed and used in the data quality assurance process and for process improvement.
- Detailed analysis of emissions changes: During the pilot, the intention is to investigate what analyses of activity data that seem to be possible after full-scale implementation, based on the collected data. Also, the intention is to assess the potential for drawing insights on activity data that can help guide Systembolaget's strategic work on emission reductions.

For external use:

- Spreading insights throughout the value chain: During the pilot, the intention is to gain knowledge regarding differences in activity data and, if the data is considered sufficiently credible, use that for benchmarking and identification of best practices in different parts of the assortment. Activity data for individual products, producers or suppliers will not be identifiable for third party without explicit approval.