Product Carbon Footprint

Pilot 3

Open forum for suppliers

March 26th-27th 2025

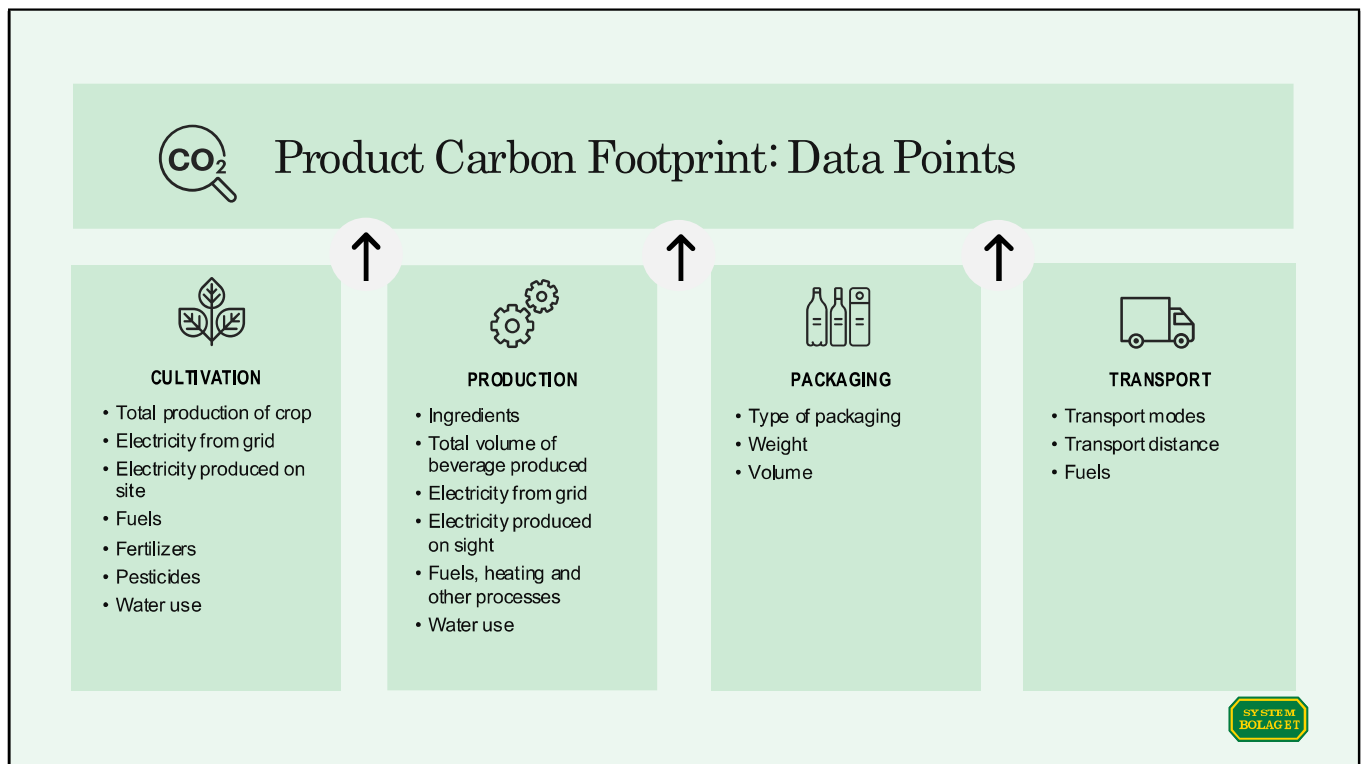# Todays information meeting

Agenda

Reporting manual

Q&A session

Key dates of the pilot

Where to get help

Questions in the chat

Hello and welcome,

1) Are you English speaking?

2) Please tell us where you are from

3) Is there anything in particular you would like us to tell you more about today

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Product Carbon Footprint: Data Points

CULTIVATION
- Total production of crop
- Electricity from grid
- Electricity produced on site
- Fuels
- Fertilizers
- Pesticides
- Water use

PRODUCTION
- Ingredients
- Total volume of beverage produced
- Electricity from grid
- Electricity produced on sight
- Fuels, heating and other processes
- Water use

PACKAGING
- Type of packaging
- Weight
- Volume

TRANSPORT
- Transport modes
- Transport distance
- Fuels

The PCF (Product Carbon Footprint) tool is designed to be as simple as possible. The data entered into the system consists of readily available information, such as production volume, electricity sources, and packaging manufacturer details.

What Happens in the Pilot?

Previous pilots tested data collection from cultivation and production with voluntary participants. The pilots yielded good results and valuable feedback. We are now moving forward to collect data across the entire chain: cultivation, production, packaging, and transport. The entire pilot process will last

approximately three months.

The reporting tool is being developed by CarbonCloud, which has extensive experience in climate calculations within food production. The purpose of these tests is both to collect data for our 100 best-selling products and to better understand the processes and workflows involved in data collection and climate calculations.

The PCF (Product Carbon Footprint) tool is designed to be as simple as possible. The data entered into the system consists of readily available information, such as production volume, electricity sources, and packaging manufacturer details.

After the pilot, we will have a better understanding of how reporters handle data submission and be able to identify any necessary adjustments and improvements. We will also assess the quality of the data we collect.

This is an opportunity for pilot participants: Our suppliers and their producers and growers, to understand their climate impact and identify areas with the greatest potential for improvement.

Product Carbon Footprint - To calculate a PCF, the following activity data is reported *

Production	All datapoints for production
Cultivation	• If the producer has their own cultivation, their activity data shall be reported. • Activity data shall be reported for the three largest growers (whether it is own cultivation or purchased raw material), provided that these account for 50 % or more of the total volume of raw material in the product.
Packaging	• Type of packaging • Volume • Weight of packaging • Weight of content

* More extensive and detailed reporting than described above is voluntary.

Product Carbon Footprint: Cultivation Data Points

Raw Materials

- Wine: Grapes
- Beer: Hops and barley, rye, or wheat
- Spirits: Sugarcane, agave, barley, or potatoes
- Cider: The fruit, apples or pears
- Mixed drinks: Spirits, fruit wine, or malt beverage

Country of cultivation	
Raw material	
Yield	t/ha/yr (past 3 years)
Fuel for machinery	l/ha/yr
Fuel for irrigation	l/ha/yr
Electricity usage	kWh/ha/yr
Fertilizers	Unit varies depending on type of fertilizer kg N/ha/yr kg p205/ha/yr kg k2O/ha/yr
Pesticides	kg/ha/yr

Fertilizers: Possibility to report different levels of detailed activity data.

Either a specific fertilizer is chosen, or several components and their proportions in the fertilizer are specified.

Pesticides: Possibility to report different levels of detailed activity data.

Specific type pesticide, pesticide category, concentration of active substance.

Product Carbon Footprint: Production Data Points

Country of production	
Ingredients	Main ingredient, other ingredients and additives kg of ingredient/kg of finished product
Energy usage for processing of raw material e.g. pressing of grapes, malting of grains, heating and fermentation	Type of energy: Electricity, renewable electricity, district heating, district steam, natural gas, biogas, diesel, biodiesel, steam, industrial heating oil Unit varies depending on type of energy kWh/kg of finished product l/kg of finished product
Other energy usage	Type of energy: Electricity, renewable electricity, district heating, district steam, natural gas, biogas, diesel, biodiesel, steam, industrial heating oil Unit varies depending on type of energy kWh/kg of finished product l/kg of finished product

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Product Carbon Footprint: Packaging Data Points

Country of packaging production	
Country where the packaging take place	
Type of packaging	Aluminum can, bag in box, glass bottle, drink carton, PET-bottle, stand up pouch, recycled glass
Volume	i.e. 750 ml, 330 ml
Weight of packaging	
Weight of content	

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Product Carbon Footprint: Transport Data Points

Start and final destination	
Mode of transport	Ship, truck, train, flight
Distance	
Fuel	Type of energy: Electricity, renewable electricity, natural gas, biogas, diesel, biodiesel Unit varies depending on type of energy kWh, kg, l

Key dates of the pilot

Meeting	Content	Date	Time (CET)
Kick-off	Agenda: Introduction to the pilot, training and support.	April 8th	10-11 AM
		April 8th	5-6 PM
Q&A meeting	Agenda: Selected FAQ presented and Q&A session. Conducted weekly throughout the pilot on: • Mondays at 5 PM CET (except on April 28th when training is held) • Tuesdays at 11 PM CET.	From April 14th	5-6 PM
		From April 15th	11-12 AM
Training	Agenda: Report activity data, log in and navigate in CarbonCloud.	April 28th	10-11 AM
	Agenda: Report activity data, log in and navigate in CarbonCloud.	April 28th	5-6 PM
Invitation to CarbonCloud	Invitation/access to CarbonCloud. Invitation is made via email from CarbonCloud. Data registration opens.	May 5th	

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PCF web
a hub for information on the carbon footprint of products

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Questions?

pcfproject@systembolaget.se

https://www.omsystembolaget.se/english/
producers/product-carbon-footprint/

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Call to Action for Suppliers

1. Map the supply chain of the beverage – Find contacts/data contributors of data for the product

2. Invite data contributors to kick-offs, meetings and trainings

3. Start collecting data using the reporting manual - requested data points are described.

4. Get in touch with questions at pcfproject@systembolaget.se

Avslutning

Tidpunkt för nästa möte ?