

Validated PCF Dashboard



The **PCF Validated Dashboard** is an advanced internal tool designed to provide Syensqo teams with validated, plant-level Product Carbon Footprint (PCF) data for finished products. The dashboard supports sustainability reporting, product benchmarking, and data-driven decision-making by offering granular, up-to-date, and traceable carbon footprint metrics. It covers the entire GBU portfolio and is structured to ensure transparency, reliability, and ease of use.

What is inside this dashboard :

- **Validated Product List**
 - Presents the portfolio of finished products with their net CO footprint.
 - Includes PCF excluding biogenic CO removal, validated biogenic CO removal, and net PCF (including biogenic CO removal).
- **Biogenic Validated Product List**
 - Focuses on products containing biobased carbon.
 - Displays validated biogenic CO removal, biogenic carbon content, total carbon content, and renewable carbon index (RCI).
- **Breakdown**
 - Offers a detailed breakdown of the finished product footprint by scope (raw materials, energy, waste, transport).
 - Shows the contribution and emission factors for each raw material and process step.
- **Contribution Changes**
 - Enables year-over-year comparison of PCF contributions for finished products.
 - Highlights key emission drivers and visualizes increases or decreases in contributions by sub-scope (e.g., raw materials, transport, waste).



Target User & Access rights

- GBU Strategic marketing
- GBU Sustainability experts
- GBU Global R&I Manager
- GBU Digital transformation experts
- GBU Technology Manager
- Corporate Procurement Sustainability
- Corporate Sustainability
- R&I Life Cycle Analysis experts

Request access to this dashboard following this [link](#)

Training:

A training course is available on [YouGrow - Digital PCF Validated Dashboard](#)

Scope, Data Loading and PCF Validation:

Scope

- GBU Novecare,
- GBU SPP for Augusta, Kallo, Borger, Oudenaarde and some Changshu, Tavaux product lines,
- GBU Technology Solutions for Mount Pleasant, Atequiza

Data Loading

Plant-by-Plant Loading:

- Data is loaded and validated progressively for each plant, with granularity at the material code, plant, and year level.

Refresh Frequency:

- The dashboard is updated every Tuesday and Thursday evening, as well as on the 14th of each month, to ensure users always access the latest validated information.

PCF Validation

- **Validated Data Only:**
 - The dashboard displays only data that has been validated by the PCF Process Owner, ensuring high reliability and traceability.
- **Dedicated Validation Process:**
 - All PCF values are subject to a robust validation process, including source verification and approval by the PCF Process Owner.
- **Progressive Validation:**
 - Only validated data is visible to users, and the validation status is clearly indicated for each entry.
- **Traceability:**
 - Each PCF value is linked to its plant, year, and material code, allowing for full traceability and auditability.

Key Features:

- **Comprehensive Coverage:**
Includes all finished products in the GBU portfolio, with data at the material code, plant, and year level.
- **Validated and Reliable Data:**
Only data validated by the PCF Process Owner is displayed, ensuring high reliability.
- **Granular Filtering:**
Users can filter data by year, GBU, site, commercial product, and material name.
- **Biogenic and Renewable Carbon Insights:**
Provides biogenic carbon content and renewable carbon index for products with biobased content.
- **Detailed Scope and Contribution Analysis:**
Offers breakdowns by scope and raw material, with emission factors and contribution analysis.
- **Change Tracking:**
Enables year-over-year comparison to track changes in carbon footprint and identify emission drivers.
- **User-Friendly Navigation and Export:**
Easy navigation between sections and export options for further analysis.
- **Regular Updates:**
Data is refreshed multiple times per week and monthly.
- **Documentation Access:**
Supporting documentation is accessible directly from the dashboard.