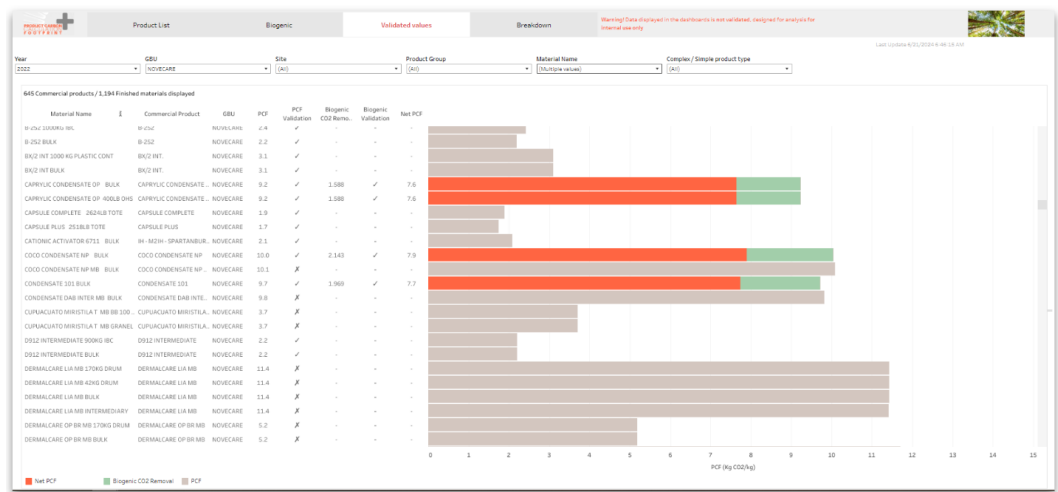


# Validated values



## General description:

You have for each Finished Product and Site a PCF and for some of them the Biogenic CO2 Removal content and the Net CO2 Footprint.

You have the possibility to refine the scope with the following filter list:

- Year
- GBU
- Site
- Finished Product
- Type

## KPIs:

| Indicator            | Definition                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                   |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Biogenic CO2 Removal | <p>Biogenic carbon content is the fraction of carbon derived from biomass in a product. For a given substance, the BCC can take any value from 0 to 100%.</p> <p>For a finished product, once we have calculated the biogenic carbon content <b>BCC</b>, the CO2 removals induced by the biogenic carbon can be calculated as follow, in kgCO2 /kgProduct</p> | $: \frac{\sum_{Raw\ Materials} BCC_{rawmat} * TCC_{rawmat}}{Finished\_prod}$ <p>3.664 = Molar mass of CO2 / Molar mass of C</p> <ul style="list-style-type: none"><li>■ Molar mass of CO2: 44.01 g/mol</li><li>■ Molar mass of Carbon atom : 12.011 g/r</li></ul> |
| Net CO2 Footprint    | Net PCF including biogenic CO2 removal                                                                                                                                                                                                                                                                                                                        | Net CO2 Footprint = PCF - Biogenic_CO2_re                                                                                                                                                                                                                         |

| PDS                 | <p>Primary Data Share</p> <p>TFS Quality KPI to create visibility on the share of primary data in PCF calculations. The Primary Data Share rates the quality in proportion (%) of the datasets for each scope.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <p>We use the following rating:</p> <ul style="list-style-type: none"><li>• Secondary data = 0%</li><li>• Primary data = 100%</li></ul> <p>At a Finished product level:</p> $PDS_{fp} = \frac{\sum PCF(i) * PDS(i)}{PCF (FP)}$ <p>At a Commercial Product level:</p> $PDS_{cp} = \frac{\sum PCF(fp) * PDS(p)}{\sum PCF(fp) * m}$ |                                                           |          |          |                   |                 |                                              |                                 |             |                          |                            |                        |                  |                                     |                          |                   |                     |                                         |                                                                        |                                                           |                    |                        |                                           |                        |                                                                                                                                                                                          |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|----------|----------|-------------------|-----------------|----------------------------------------------|---------------------------------|-------------|--------------------------|----------------------------|------------------------|------------------|-------------------------------------|--------------------------|-------------------|---------------------|-----------------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------|--------------------|------------------------|-------------------------------------------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DQR                 | <p>Data Quality Rating: data quality indicator from TFS following the rating:</p> <p><b>Table 5.18 Data quality assessment used in TFS and [Pathfinder Framework (PACT powered by WBCSD)]</b></p> <table><tr><th>DQI</th><th>1 - Good</th><th>2 - Fair</th><th>3 - Poor</th></tr><tr><td><b>Technology</b></td><td>Same technology</td><td>Similar technology (based on secondary data)</td><td>Different or unknown technology</td></tr><tr><td><b>Time</b></td><td>Data from reporting year</td><td>Data less than 5 years old</td><td>Data more than 5 years</td></tr><tr><td><b>Geography</b></td><td>Same country or country subdivision</td><td>Same region or subregion</td><td>Global or unknown</td></tr><tr><td><b>Completeness</b></td><td>All relevant sites for specified period</td><td>&lt;50% of sites for specified period or &gt;50% of sites for shorter period</td><td>Less than 50% of sites for shorter time period or unknown</td></tr><tr><td><b>Reliability</b></td><td>Measured activity data</td><td>Activity data partly based on assumptions</td><td>Non-qualified estimate</td></tr></table> | DQI                                                                                                                                                                                                                                                                                                                              | 1 - Good                                                  | 2 - Fair | 3 - Poor | <b>Technology</b> | Same technology | Similar technology (based on secondary data) | Different or unknown technology | <b>Time</b> | Data from reporting year | Data less than 5 years old | Data more than 5 years | <b>Geography</b> | Same country or country subdivision | Same region or subregion | Global or unknown | <b>Completeness</b> | All relevant sites for specified period | <50% of sites for specified period or >50% of sites for shorter period | Less than 50% of sites for shorter time period or unknown | <b>Reliability</b> | Measured activity data | Activity data partly based on assumptions | Non-qualified estimate | <p>At a Finished product level:</p> $DQR_{fp} = \frac{\sum PCF(i) * DQR(i)}{PCF (FP)}$ <p>At a Commercial Product level:</p> $DQR_{cp} = \frac{\sum PCF(fp) * DQR(p)}{\sum PCF(fp) * m}$ |
| DQI                 | 1 - Good                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2 - Fair                                                                                                                                                                                                                                                                                                                         | 3 - Poor                                                  |          |          |                   |                 |                                              |                                 |             |                          |                            |                        |                  |                                     |                          |                   |                     |                                         |                                                                        |                                                           |                    |                        |                                           |                        |                                                                                                                                                                                          |
| <b>Technology</b>   | Same technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Similar technology (based on secondary data)                                                                                                                                                                                                                                                                                     | Different or unknown technology                           |          |          |                   |                 |                                              |                                 |             |                          |                            |                        |                  |                                     |                          |                   |                     |                                         |                                                                        |                                                           |                    |                        |                                           |                        |                                                                                                                                                                                          |
| <b>Time</b>         | Data from reporting year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Data less than 5 years old                                                                                                                                                                                                                                                                                                       | Data more than 5 years                                    |          |          |                   |                 |                                              |                                 |             |                          |                            |                        |                  |                                     |                          |                   |                     |                                         |                                                                        |                                                           |                    |                        |                                           |                        |                                                                                                                                                                                          |
| <b>Geography</b>    | Same country or country subdivision                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Same region or subregion                                                                                                                                                                                                                                                                                                         | Global or unknown                                         |          |          |                   |                 |                                              |                                 |             |                          |                            |                        |                  |                                     |                          |                   |                     |                                         |                                                                        |                                                           |                    |                        |                                           |                        |                                                                                                                                                                                          |
| <b>Completeness</b> | All relevant sites for specified period                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <50% of sites for specified period or >50% of sites for shorter period                                                                                                                                                                                                                                                           | Less than 50% of sites for shorter time period or unknown |          |          |                   |                 |                                              |                                 |             |                          |                            |                        |                  |                                     |                          |                   |                     |                                         |                                                                        |                                                           |                    |                        |                                           |                        |                                                                                                                                                                                          |
| <b>Reliability</b>  | Measured activity data                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Activity data partly based on assumptions                                                                                                                                                                                                                                                                                        | Non-qualified estimate                                    |          |          |                   |                 |                                              |                                 |             |                          |                            |                        |                  |                                     |                          |                   |                     |                                         |                                                                        |                                                           |                    |                        |                                           |                        |                                                                                                                                                                                          |

## Features:

Possibility to extract the data in a CSV/Excel/Gsheet file by clicking on the button "Get Data".

 Export Data