



WHITE PAPER

TRIMIT Sustainability 23.1

This document contains information about the Sustainability features in TRIMIT 23.1 for Microsoft Dynamics 365 Business Central 2023, Wave 1 (W1).

Version: 23.1
Date: 21-07-2023

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INTRODUCTION

Sustainability in Fashion and Furniture means creating products in a way that minimizes the negative impact on the environment and society. This can include using sustainable Materials, supporting Fair Labor practices, and reducing Waste.

TRIMIT Sustainability enables you to add information to their Masters/Items regarding their usage of i.e., Water or Energy and the emission of CO₂, but also regarding the Fair Labor practices by adding the accomplished certificates.

This information can be printed on i.e., Sales Order Confirmation or Sales Invoices, but also on a separate PDM Sustainability Report.

The audience for this document is the Consultant or very skilled User.

It will only describe the TRIMIT fields/functionality and not the standard Business Central fields/functionality.

Be aware of not changing settings and parameters in a live database without consulting the implementing partner.

The functionality described is the functionality as of **TRIMIT 23.1 for Business Central W1 BC22.X**.

The pictures in this White Paper are based on the demo database for **TRIMIT 23.1**, which is based on Microsoft Dynamics 365 Business Central 2023 Release Wave 2, in the demo company **CRONUS TRIMIT W1 Ltd.** (based on CRONUS International Ltd. of Microsoft Dynamics 365 Business Central).

COMPONENTS

TRIMIT Sustainability contains the following new/changed objects:

The tables

- 6036491 trm API Add Info Line**
- 6036515 trm Vendor Card Ext (TableExtension)**
- 6036547 trm Inventory Setup Ext (TableExtension)**
- 6037100 trm VarDim Type**
- 6037134 trm Master Wizard Setup**
- 6037231 trm PDM Report Set Line**
- 6037251 trm Additional Info Line**
- 6037350 trm Report Layout Settings**
- 6038125 trm Portal Profile**
- 6038152 trm Portal PDM Master**

The pages

- 6036516 trm Vendor List Ext (PageExtension)**
- 6036518 trm Item Card Ext (PageExtension)**
- 6036519 trm Item List Ext (PageExtension)**
- 6036582 trm Inventory Setup Ext (PageExtension)**

The pages **6036714 trm Sales Order Statistics Ext (PageExtension)**
6036715 trm Sales Statistics Ext (PageExtension)
6036716 trm Sales Inv Statistics Ext (PageExtension)
6036717 trm Sales CreM Statistics Ext (PageExtension)
6037033 trm Operation List
6037034 trm Operation Card
6037103 trm Master List
6037108 trm Master Card
6037129 trm Master Wizard
6037138 trm Master Wizard Setup
6037199 trm Copy Values By Wizard
6037234 trm PDM Report Set Line
6037367 trm Report Layout Setting
6038032 trm Dialog copy AddInfoCareLbl
6038131 trm B2B Portal Profile
6038132 trm B2C Portal Profile
6038133 trm SalesAgent Portal Profile

The reports **6036700 trm Sales Quote**
6036701 trm Sales Order
6036702 trm Sales Invoice
6036703 trm Sales Credit Memo
6037211 trm PDM Sustainability

The codeunits **6036860 trm Integration Handling**
6036863 trm Integration Handling Impl.
6037132 trm VarDim Handling
6037190 trm PDM Handling
6037191 trm Sustainability Mgt
6038011 trm API PDM

The Enum **6036841 trm Integration Data Type**

SETUPS

This chapter contains information about the Setups that you need.

VARDIM TYPE

For the Certificates and the Values regarding Sustainability, you need to create some VarDim Types. I.e.,

VarDim Types							
Search + New Edit List Delete Edit View Variant Table / Options More options							
Type	No. ↑	VarDim Variant	VarDim Type Name	Dimension 2	Limited usage	VarDim Attribute Name	
Variant	SUS_CERT	118	Certificates	No	Sustainability		
Dimension	SUS_CO2		CO2 (Kilogram)	No	Sustainability		
→ Dimension	SUS_KWH		Energy kWh	No	Sustainability		
Dimension	SUS_WATER		Water (Liters)	No	Sustainability		

In the **VarDim Type** List and Card, you can select **Limited Usage Sustainability** for the VarDim Types that would represent Sustainability.

VarDim Type Card

SUS_CERT

Variant Table / Options

Actions

Related

Automate

Fewer options

General

Type

Variant

Limited usage

Sustainability

No.

SUS_CERT

Permanent or Optional

W (Optional with Default)

VarDim Type Name

Certificates

Descriptions

Description

Certificates

Field used in Item Description 2

Description

VarDim Variant

118

Field used in Matrix Y-Axis Descripti...

Description

Field used in Matrix X-Axis Descripti...

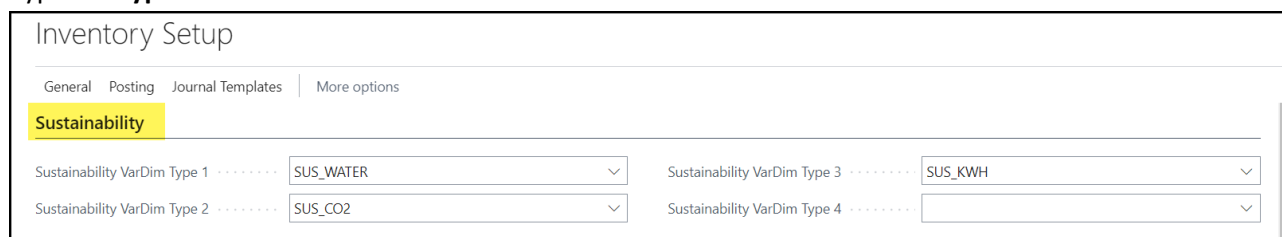
Short Description

Examples for the *Certificates* could be:

VarDim Variant Option No. SUS_CERT - 118							
Value ↑	Description	Alternative Sorting	Short Description	Color Reference	RGB Code	No Image	Picture
BLUESIGN	Bluesign	0	BS	—	—	☐	
CLEB	Compostable Label by European Bioplastics	0	CLEB	—	—	☐	
CP	Climate Partner	0	CP	—	—	☐	
CV	Certified Vegan	0	CV	—	—	☐	
ECOLABEL	ECO Label	0	ECO	—	—	☐	
EU_ORG	EU Organic	0	EU_ORG	—	—	☐	
FAIR_COT	Fair Trade Cotton	0	FTC	—	—	☐	
FAIRTRADE	Fair Trade	0	FAIRTRADE	—	—	☐	
FFL	Fair for Life	0	FFL	—	—	☐	
FSC	Forest Stewardship Council	0	FSC	—	—	☐	
GG	Greenguard	0	GG	—	—	☐	
→ GOTS	Global Organic	0	GOTS	—	—	☐	
GRS	Global Recycle Standard	0	GRS	—	—	☐	
GS	Gold Standard	0	GS	—	—	☐	
NEUTRAL	Neutral Climate	0	NEUTRAL	—	—	☐	
OEKO	Oeko-Tex	0	OEKO-TEX	—	—	☐	
RDS	Responsible Down Standard	0	RDS	—	—	☐	
RWS	Responsible Wool Standard	0	RWS	—	—	☐	
USDA_ORG	USDA Organic	0	USDA_ORG	—	—	☐	
WFTO	World Fair Trade Organization	0	WFTO	—	—	☐	

INVENTORY SETUP

In the **Inventory Setup** we added the FastTab **Sustainability** in which you can choose four different VarDim Types of **Type Dimension**.

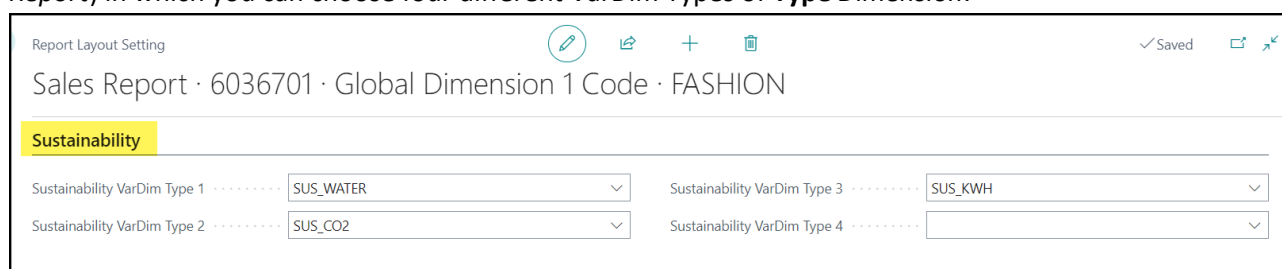


The screenshot shows the 'Inventory Setup' window with the 'Sustainability' tab selected. It displays four dropdown menus for Sustainability VarDim Types: Type 1 is set to 'SUS_WATER', Type 2 to 'SUS_CO2', Type 3 to 'SUS_KWH', and Type 4 is currently empty.

These four Sustainability VarDim Types will appear on the **Statistics** page in a separate FastTab **Sustainability** of the Sales Order, Sales Quote, Sales Return Order, Sales Blanket Order, Sales Invoice (not posted) and Sales Credit Memo (not posted).

REPORT LAYOUT SETTING

In the **Report Layout Setting** we added the FastTab **Sustainability** (only shown if **Report Type** is **Sales Report**) in which you can choose four different VarDim Types of **Type Dimension**.



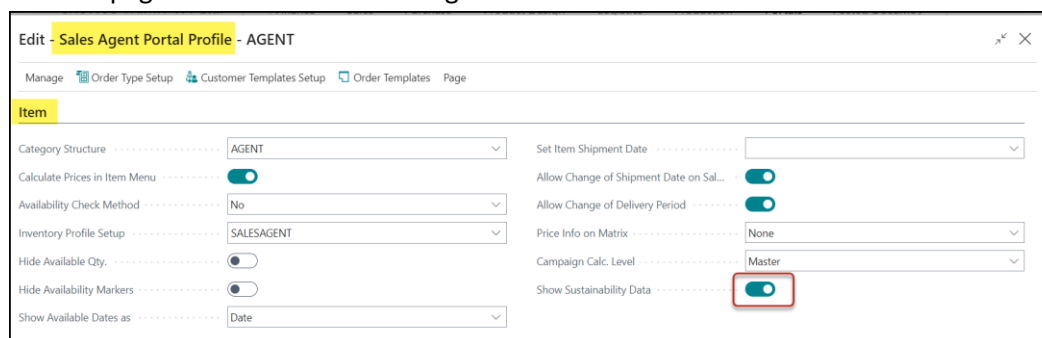
The screenshot shows the 'Report Layout Setting' window for 'Sales Report · 6036701 · Global Dimension 1 Code · FASHION'. The 'Sustainability' tab is active, showing the same four dropdown menus for Sustainability VarDim Types as in the Inventory Setup window: Type 1 is 'SUS_WATER', Type 2 is 'SUS_CO2', Type 3 is 'SUS_KWH', and Type 4 is empty.

By entering these four Sustainability VarDim Types, the totals (for all Items) of the Values (i.e., Water, CO2, and Energy) will be printed on following reports – depending on the settings in the **Report Layout Setting**:

- 6036700 trm Sales Quote**
- 6036701 trm Sales Order**
- 6036702 trm Sales Invoice**
- 6036703 trm Sales Credit Memo**

SALES AGENT PORTAL PROFILE

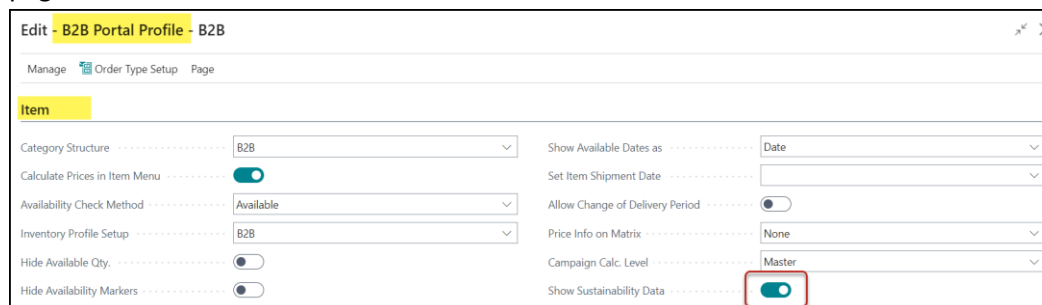
In the **Sales Agent Portal Profile**, you can determine if you want to see Sustainability Information in the Product pages on the TRIMIT Sales Agent Portal.



The screenshot shows the 'Edit - Sales Agent Portal Profile - AGENT' window. The 'Item' tab is selected. In the 'Show Sustainability Data' section, the toggle switch is turned on, indicating that sustainability information will be displayed on the product pages.

B2B PORTAL PROFILE

In the **B2B Portal Profile**, you can determine if you want to see Sustainability Information in the Product pages on the TRIMIT B2B Website.



Edit - B2B Portal Profile - B2B

Manage Order Type Setup Page

Item

Category Structure B2B

Calculate Prices in Item Menu ☒

Availability Check Method Available

Inventory Profile Setup B2B

Hide Available Qty. ☐

Hide Availability Markers ☐

Show Available Dates as Date

Set Item Shipment Date

Allow Change of Delivery Period ☐

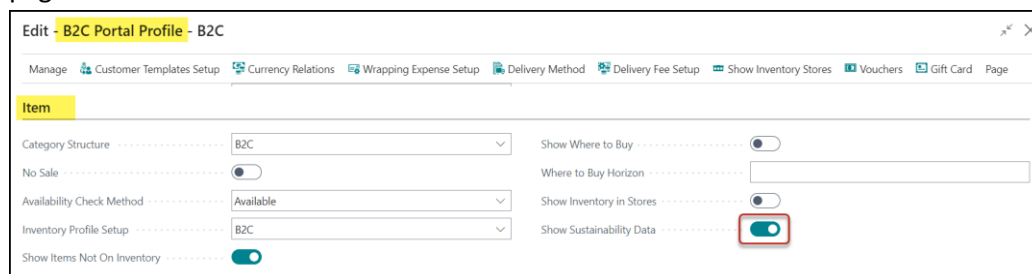
Price Info on Matrix None

Campaign Calc. Level Master

Show Sustainability Data ☒

B2C PORTAL PROFILE

In the **B2C Portal Profile**, you can determine if you want to see Sustainability Information in the Product pages on the TRIMIT B2C Website.



Edit - B2C Portal Profile - B2C

Manage Customer Templates Setup Currency Relations Wrapping Expense Setup Delivery Method Delivery Fee Setup Show Inventory Stores Vouchers Gift Card Page

Item

Category Structure B2C

No Sale ☐

Availability Check Method Available

Inventory Profile Setup B2C

Show Items Not On Inventory ☒

Show Where to Buy ☐

Where to Buy Horizon

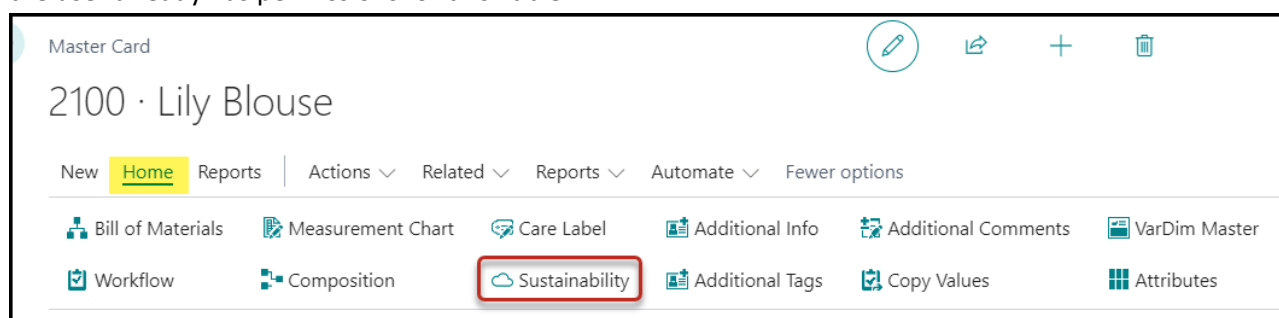
Show Inventory in Stores ☐

Show Sustainability Data ☒

MASTER

In the Master List/Card you can enter the Certificates and/or Values regarding Sustainability based on the created [VarDim Types](#).

The information is written in Table **6037251 trm Additional Info Line**, so no extra permissions necessary if the user already has permissions for this Table.



Master Card

2100 · Lily Blouse

New Home Reports Actions Related Reports Automate Fewer options

Bill of Materials Measurement Chart Care Label Additional Info Additional Comments VarDim Master

Workflow Composition Sustainability Additional Tags Copy Values Attributes

Sustainability info								✓ Saved	✕	⌵
Search + New Edit List Delete Copy Comments More options								✕	⌵	1
Type	VarDim Type	VarDim Type Name	Value	Description	Picture	Excl... Print	Excl... Port...			
→ Dimension	SUS_CO2	CO2	5,2			☐	☐	Details Attachments (0)		
Dimension	SUS_ENERG	Energy kWh	11,6			☐	☐	Related Picture ▾		
Dimension	SUS_WATER	Water (Liters)	2700			☐	☐			
Variant	SUS_CERT	Certificates	GOTS	Global Organic Textile Standard		☐	☐			
Variant	SUS_CERT	Certificates	FAIRTRADE	Fair Trade		☐	☐			
					+					

The **Related Picture** can be the picture of the Dimension **VarDim Type** or the picture of the **Value** in a Variant VarDim Type.

In the Master Card/List, there is also a new FactBox **Sustainability Info** which can be shown via **Personalize**.

Master Card				✓ Saved	✕	⌵
2100 · Lily Blouse						
New Home Reports Actions ▾ Related ▾ Reports ▾ Automate ▾ Fewer options						
Bill of Materials Measurement Chart Care Label Additional Info Additional Comments VarDim Master Collections Inventory Profile Product Information (PIR)						
Workflow Composition Sustainability Additional Tags Copy Values Attributes Item List Statistics Image Management						
General Show less						
No.	2100	...	Private Label	☐		
No. System	MMMMAAAB	...	Exclude from Collection Che... ..	☐		
Description	Lily Blouse		Blocked	☐		
Description 2			Type	Inventory		
Base Unit of Measure	PCS	...	Groups/Types			
Automatic Ext. Texts	☐		Item Type	Finished Goods		
Status Code		...	Item Category Code			
Search Description	LILY BLOUSE		Design	One Color (1)		
Group Master		...	Item Group	Blouses/Shirts (110)		

Also in **TRIMIT Data & Test App** – which can be downloaded on our Partner Portal - we create Master related Sustainability Information for testing or demoing purposes.

ITEMS

In the Item List/Card you can enter the Certificates and/or Values regarding Sustainability based on the created [VarDim Types](#).

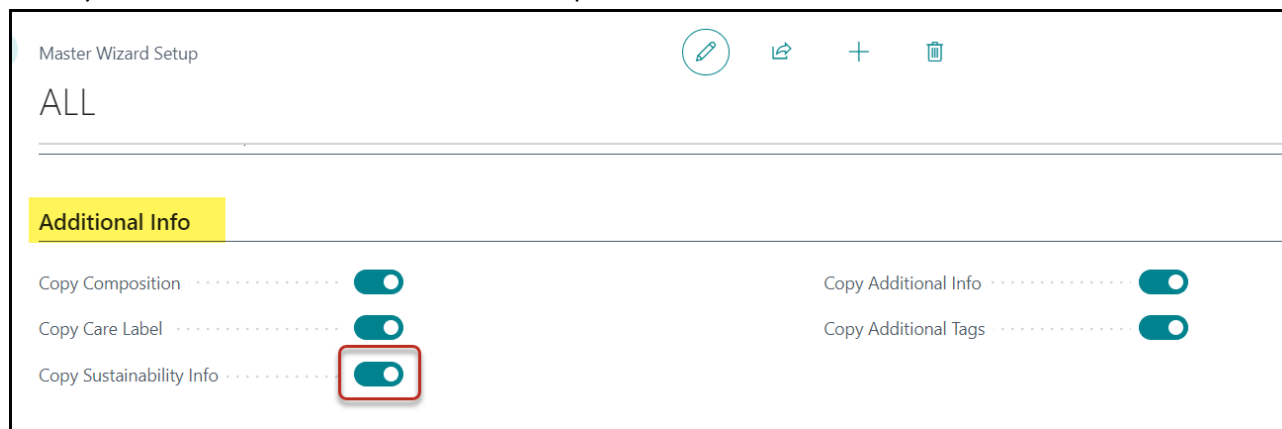
The information is written in Table **6037251 trm Additional Info Line**, so no extra permissions necessary if the user already has permissions for this Table.

Item Card		✎	✕	+	✕
21002002 · Lily Blouse					
Home Item Prices & Discounts Actions ▾ Related ▾ Automate ▾ Fewer options					
Composition Sustainability Additional Tags Master Adjust Inventory Apply Template Bill of Materials					
Care Label Additional Info Additional Comments Copy Item Create Stockkeeping Unit Inventory Profile					

Values entered on an **Item** will overrule the values entered on a **Master**.

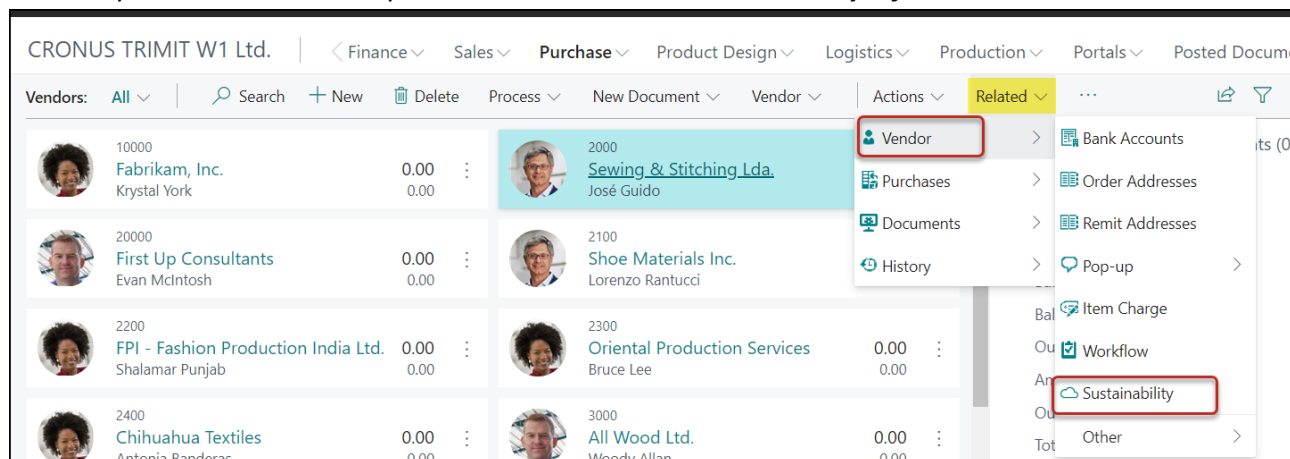
MASTER WIZARD SETUP

In the **Master Wizard Setup**, you can determine if the **Sustainability** Information should be copied as well when you create a new Master based on a Template Master.



VENDOR

In the Vendor List/Card, you can add **Sustainability** Information via **Related, Vendor, Sustainability** the same way as in the Master and you can add a FactBox for **Sustainability Info** via **Personalize**.



NOTE

At this moment, this Vendor-related Sustainability Information is not used anywhere else.
So only informative.

PROCESS

MASTER WIZARD

In the Master Wizard, when copying a Template Master to a new Master, you can determine that also the Sustainability Information should be copied.

This can be based on the **Copy Sustainability Info** of the [Master Wizard Setup](#) or based on a checkmark in **Copy Sustainability Info** on the Parameter Page 2:

Master Wizard

Copy the following informations.

Mark All	☒
Copy Bill of Materials	☒
Copy Additional Info	☒
Copy Measurement Chart	☒
Copy Workflow	☒
Copy Master Pictures	☒
Copy Additional Comments	☒
Copy Sustainability Info	☒
Copy Composition	☒
Copy Care Label	☒
Copy Item Attributes	☒
Copy Additional Tags	☒
Copy Stockkeeping Unit	☒

COPY VALUES

For **Copy Values** from one Master to another Master, you can choose the Sustainability Information:

Master Card






2100 · Lily Blouse

New
Home
Reports
Actions
Related
Reports
Automate
Fewer options

 Bill of Materials
 Measurement Chart
 Care Label
 Additional Info
 Additional Comments
 VarDim Master

 Workflow
 Composition
 Sustainability
 Additional Tags
 Copy Values
 Attributes

Copy Master by Wizard

Enter the number of the master to copy to.

Copy to Master: 2100

Enter the master you want to copy from.

Copy from Master: 2110

Which of the following information is to be copied

Mark All

Copy Bill of Materials

Copy Additional Info

Copy Measurement Chart

Copy Workflow

Copy Pictures

Copy Additional Comments

Copy Sustainability

Copy Comments

Copy Composition

Copy Care Label

Copy Item Attributes

Copy Additional Tags

Copy Stockkeeping Unit

REPORT FOR SUSTAINABILITY

There is a PDM Report specifically for Sustainability **6037211 trm PDM Sustainability**.

You can run it via **Search Sustainability**, print it via a Master List/Card or include it in a **PDM Report Set**.

Master Card

2100 · Lily Blouse

New Home Reports Actions Related Reports Automate Fewer options

New by Wizard

General

No. 2100

No. System MMMMAABB

Description Lily Blouse

Description 2

Base Unit of Measure PCS

Automatic Ext. Texts

Status Code

Master

Bill of Materials

Composition & Care Label

Additional Info

Sustainability

Measurement Chart

Additional Comments

Where-Used

Other

Inventory

Finished Goods

Sustainability

Printer (Handled by the browser)

Report Layout ./Layouts/trmPDMsustainability.rdlc

Options

Show Master Picture

Size of Info Pictures Small

Filter: Master

× No. 2100

× Collection No.

+ Filter...

Filter totals by:

+ Filter...

Send to... Print Preview Cancel

TRIMIT Sustainability

Master No.	2100
Description	Lily Blouse
Status	
Brand	FASHION Fashion
Season	02-SUMMER Summer Current Year
Item Group	100 Blouses/Shirts
Gender	100 Women
Sizes	XS - 3XL
Vendor	
Date Printed	07/21/23



Certificates

Fair Trade



FAIRTRADE

Water (Liters)

70



Energy kWh

33



Certificates

ECO Label



CO2 (Kilogram)

7.5



PDM REPORT SET

The **PDM Report Set** can be used to print the **Master Reports** of a Master in which several PDM Reports can be combined to one pdf-file.

One of the reports that can be chosen is the report with **Report Type Sustainability**:

PDM Report Set Line

+

✓ Saved

ALL · 100000

General

Report No. 6037211

Report Type Sustainability

Report Name Sustainability

Header Info >

Report Options

Show Master Picture ☒

Size of Sustainability Pictures Small

See **White Paper – TRIMIT PDM Report Set** for more details.

IN THE STATISTICS PAGE OF SALES DOCUMENTS

If the **Sustainability VarDim Type 1 – 4** has been set in the [Inventory Setup](#) the Statistics Page of the Sales Order, Sales Quote, Sales Return Order, Sales Blanket Order, Sales Invoice (not posted) and Sales Credit Memo (not posted) will look as follows:

Sales Order






S0002 · The Furniture Shop UK

Home Prepare Print/Send Request Approval **Order** Actions ▾ Related ▾ Automate ▾ Fewer options

 Dimensions
 **Statistics**
 Comments
 Attachments
 Approvals
 Invoices
 Customer
 Shipments

Edit - Sales Order Statistics - S0002 · The Furniture Shop UK




Page

General

Show more

Amount Excl. VAT	1,439.60	25% VAT	359.90
Inv. Discount Amount ...	0.00	Total Incl. VAT	1,799.50
Total Excl. VAT	1,439.60	Sales (LCY)	1,439.60

Invoicing >

Shipping >

Prepayment >

Customer >

Sustainability

Water (Liters)	2,800.00	Energy kWh	1,320.00
CO2 (Kilogram)	3,000.00		

Close

The Values will be calculated – on-the-fly - based on the Values in the Sustainability of the [Item](#) or [Master](#).

ON THE SALES REPORTS

If the **Sustainability VarDim Type 1 – 4** has been set in the appropriate [Report Layout Settings](#), it will look as follows (on the Sales Order, Sales Quote, Posted Sales Credit Memo and Posted Sales Invoice) where only the totals for all the Items on the document will be printed:



The Furniture Shop UK
 Dave Hanson
 Occam Court, 1
 Surrey
 Guildford, GU2 7YQ
 Great Britain

Ship-to Address
 The Furniture Shop UK -
 Dave Hanson
 24 Savile Row
 Mayfair
 London, WC1 3DG
 Great Britain

Order Confirmation
 Order No. S0002
 Page 1
 7/20/2023

Customer No.	3000	Payment Terms	Net 14 days	Order Date	06/30/23
Cust. VAT No.	GB	Salesperson	John Roberts		
Your Reference		Order Type		Shipment	Ex Warehouse
External No.		Ship. Date	06/30/23	Currency Code	GBP

No.	Description	Quantity	RRP	Unit Price	Amount
2100	Lily Blouse	40	69.00	35.99	1,439.60



	XS	S	M	L	XL	XXL	3XL
99 Black	5	5	10	10	5	5	

Sustainability

	Water (Liters)	2,800.00
	CO2 (Kilogram)	3,000.00
	Energy kWh	1,320.00

Total	1,439.60
25 % VAT	359.90
Total Incl. VAT	1,799.50

The Values will be calculated – on-the-fly - based on the Values in the Sustainability of the Item or [Master](#).

ON THE PORTALS

If the **Show Sustainability Data** in the [Portal Profiles](#) is set to Yes, it will be shown in the Product page as follows under a new Tab **Footprint**:

Description	Composition	Add. Info	Wash & Care	Footprint	Download
 Fair Trade					
 ECO Label					
 Water (Liters): 70					
 CO2 (Kilogram): 7,5					
 Energy (kWh): 33					

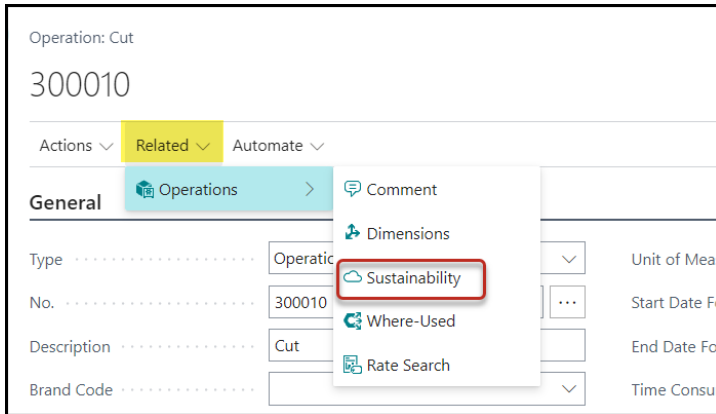
FUTURE DEVELOPMENT

We are still working on our Sustainability features.

Any suggestions are welcome:

- Perhaps the Sustainability Information should be printed per Matrix Line or Item Line on the Sales Documents?
- Perhaps the Sustainability Information should also be printed on the Purchase Order?
- Perhaps we should also have the total values on a Production Order or Production Collecting Order based on the **Sustainability VarDim Types 1 – 4** in the Inventory Setup?

For that purpose, we do already have the possibility to add Sustainability Information also to our **Operation** List/Card, but it is not visible by default; you need to add it via **Personalize** but we do not calculate the total impact for a Production Order or even the Production Collecting Order.



The screenshot shows a software interface for an 'Operation: Cut' with ID '300010'. The 'General' tab is active, and the 'Operations' menu is open. The 'Sustainability' option is highlighted with a red box. Other options in the menu include 'Comment', 'Dimensions', 'Where-Used', and 'Rate Search'. The form fields show 'Type: Operation', 'No.: 300010', 'Description: Cut', and 'Brand Code'.